Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 18/AUG/10

REPORT NO 045

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Verified that activities performed conformed to the site clearing and demolition checklist.
03	Installed riprap in sections DC1U and DC2U (upper portion between sections D and C), received approval to use fill soil and imported fill from
	TtEC stockpile in Parcel E, backfilled and trackwalked TtEC fill in section CB2U, imported riprap and stockpiled along the top of the revetment,
	verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231,
	unloaded and spread spoils from shoreline excavation on rad screening pad.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

8/18/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 8/18/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager: Elizabeth Binning	Date: 8/18/2010

Shoreline Excavation and Revetment

Date: 8/18/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U

Requirement	Phase	Yes	No	N/A	Comments
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U

Requirement	Phase	Yes	No	N/A	Comments
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager: Elizabeth Binning	Date: 8/18/2010

Photo 1: Shoreline Excavation and Revetment – Constructing crest of revetment in sections DC1U and DC2U.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 18, 2010

Photo 2: Shoreline Excavation and Revetment – Revetment crest tie-in of geotextile in sections DC1U and DC2U.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: August 18, 2010

Photo 1: Shoreline Excavation and Revetment – Trackwalked TtEC fill in section CB2U.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Tanner Bennett (ERRG, Inc.) Date: August 18, 2010

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: August 19, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- To date, 1800 pieces of shoreline debris have been surveyed for free release with 96 pieces not meeting the free release criteria and will be disposed of as LLRW.
- Began towed-array survey of Screening Unit 3.

Issues/Items Pending Action

- None.

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 20/AUG/10
		REPORT NO: 046
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Foggy, Cool	PM WEATHER: N/A	MAX TEMP (F): 62 / MIN TEMP (F): 53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on the next section of revetment construction on the west end	ERRG	1	Superintendent	9
	excavate the toe to the specified depth, place filter fabric, place filter rock to	ERRG	1	Construction Manager	0
	specified elevations and thickness, cap with 3' of rip rap to specified gradelines	ERRG	1	Project Manager	0
	and elevations. Crew working on flipping concrete to be scanned on the debris	ERRG	1	QC Manager	8
	screening strips. Crew working on loading out the former rad pad material	ERRG	1	Tech Lead	0
	pea gravel/AB mix to the HPS stockpile area- bringing back the approved	ERRG	1	H&S Officer	8
	shoreline fill material from Parcel E.	ERRG	1	QC Staff	8
		ERRG	5	Equipment Operators	39
		ERRG	5	Laborers	10
		ERRG	4	Truck Drivers	23
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 129
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 6780.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 6909.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	8 loads of approved shoreline fill material from Parcel E.

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 2ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	8 loads of former rad pad material (pea gravel/AB mix out to the Tetra Tech stockpile area

James Nores — CONTRACTOR/SUPERINTENDENT

8/20/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/AUG/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	046 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy, Cool
PM WEATHER	N/A
MAX TEMP (F)	62
MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/20/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 08/20/10 **TIME** 0100 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Continue Revetment construction, concrete/debris screening Load/haul fill for revetment.

SAFETY TOPICS PRESENTED

SAFETY TOPICS NIGHT WORK, SPEED, STAYING, VISIBE, SPOTTING BY RADIO.

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNEVEN SURFACES, ROCKS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Boris Portillo	ERRG	Boris Portillo
OSCAR OROZCO	ERRG	[illegible]
DAVID HASAL	ERRG	David Hasal
Villamar [illegible]	ERRG	[illegible]
FERNANDO LOZA	ERRG	[illegible]
Scott Wong	Harris/ERRG	[illegible]
J. Cunningham	NWT	[illegible]
LISA Broussard	NWT	[illegible]
Sharon Gallacher	NWT	[illegible]
Roberto Aguilera	ERRG	[illegible]
Liz Binning	ERRG	[illegible]
Ken Mark	ERRG	[illegible]
William Schmidt	ERRG	[illegible]
Russell Jackson	HARRIS/ERRG	[illegible]

Health & Safety Officer DICK EPP **SUPERINTENDENT** JAMES NOVES

SIGNATURE [illegible] **SIGNATURE** [illegible]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	FRIDAY	Date:	8/20/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	OVERCAST	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0100 SAFETY TAILGATE - NIGHT WORK, REFLECTIVE VESTS, SPEED

CONTINUING SHORELINE REMEDIATION, ILLUMINATION 5+ Fc IN WORK AREA.

HAULING DOM GRAVEL TO TOTRA TECH

ASSISTING RUBBLE SCANNING BY TOTRA TECH

HAULING FILL DIRT FOR BACKFILL FROM TOTRA TECH SOURCE.

LEVELING SPOIL SCANNING PAD FOR TOWED ARRAY SCANNER

EQUIPMENT IN USE: BULLDOZER, 3 WATER TRUCKS, 2 DUMP TRUCKS 2 LONG REACH EXCAVATORS, EXCAVATOR, 2 GOLD LOADERS, 3 LIGHT STANDS

Signed: [signature] Date: 8/20/10

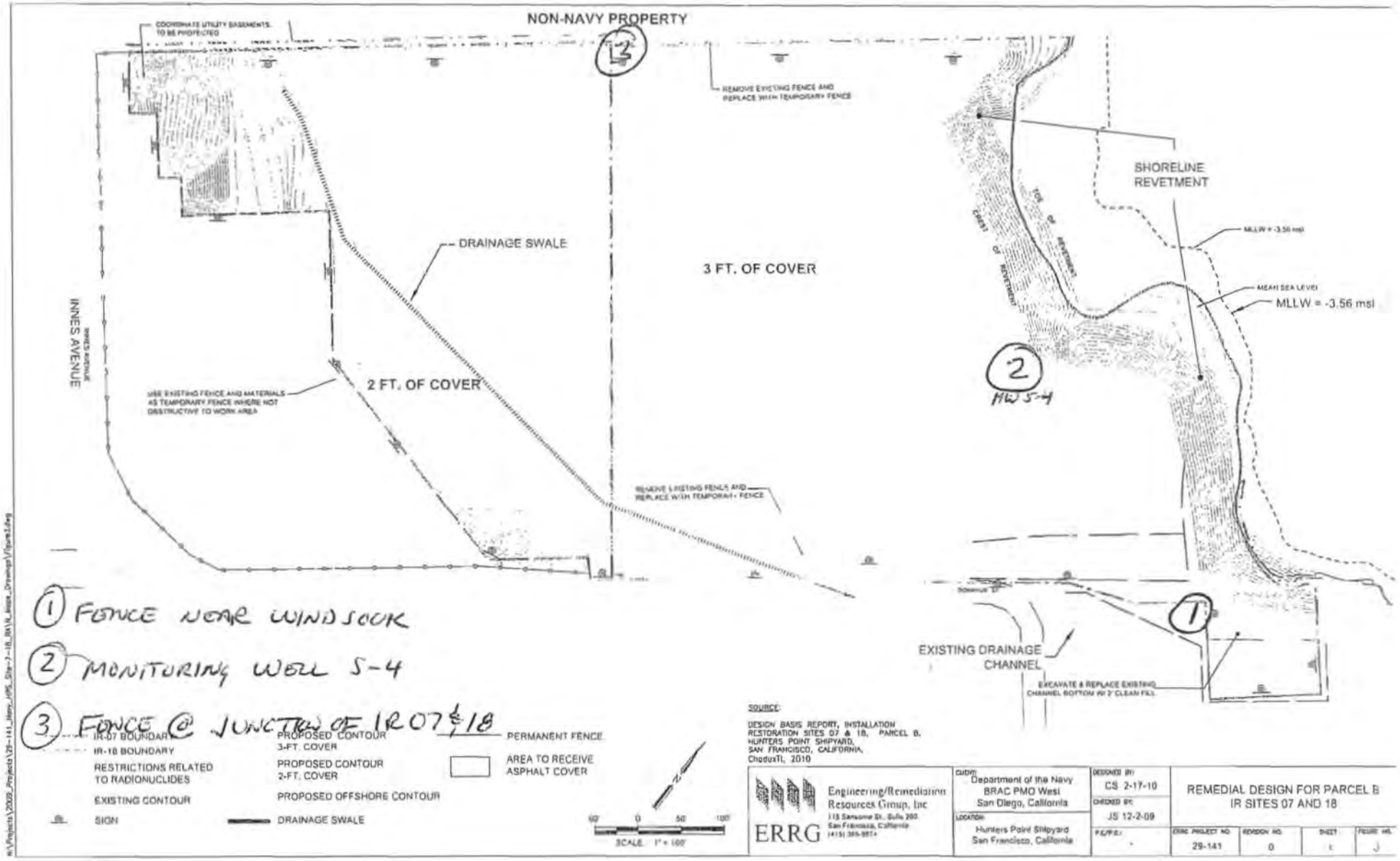
AIR MONITORING LOG SHEET

ERRG

Prepared by: Dick Epp
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 8/2/10 #1 - 8/20/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Conc. PID	Instrument TWA ~~DataRAM~~	Comments	dBA
#1	8/20/10	0115	0.000	0.007	10971	—
#3		0139	0.002	0.004	10973	60.5
#2		0150	0.000	0.000	10972	57.3
#1		0243	0.000	0.000	10971	58.7
#2		0246	0.000	0.000	10972	54.6
#3		0256	0.000	0.000	10973	59.7
#1		0343	0.000	0.000	10971	62.9
#2		0348	0.000	0.001	10972	63.2
#3		0355	0.007	0.001	10973	60.1
#1		0449	0.000	0.000	10971	60.3
#2	off ?	0457	0.000	0.000	10972	68.7
#3		0506	0.000	0.000	10973	61.3
#1		0556	0.000	0.000	10971	58.9
#2	BATTERY DEAD	0600	—	—	10972	66.4
#3		0602	0.000	0.000	10973	60.7
#1	NEW BATTERY	0730	0.006	0.005	10971	58.5
#2	" "	0743	0.011	0.025	10972	62.4
#3		0750	0.002	0.002	10973	65.5
#3		0858	0.003	0.003	10973	—
#2		0903	0.014	0.048	10972	—
#1		0907	0.006	0.012	10973	—



(1) FENCE NEAR WINDSOCK

(2) MONITORING WELL S-4

(3) FENCE @ JUNCTION OF IR07 & 18

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Whisper watt generator **Identification Number:** 815336 site #1

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	8/16/10 ws			8/17/10 ws			8/18/10 ws			8/20/10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Guards on moving parts?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☐	☑	☐	☑	☐	☐	☐	☐	☐	needs Fuel
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Seat belt operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Fire extinguisher present?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Horn operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Back up alarm operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Lights and signals operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steering and other controls	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Brakes	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	

Explain corrective actions taken: refueled on 8/18/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: whisper-watt generator **Identification Number:** 814776 site #3

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	WS 8/16/10			WS 8/17/10			8/18/10			8/20/10 WS						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Guards on moving parts?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☐	☑	☐	☑	☐	☐	☐	☐	☐	needs fuel 8/18
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Seat belt operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Fire extinguisher present?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Horn operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Back up alarm operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Lights and signals operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steering and other controls	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Brakes	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	

Explain corrective actions taken: Refueled on 8/18/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200 John Deere Excavator **Identification Number:** BL7X87

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/16 BP			8/17 BP			8/18 BP						8/20 BP			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	
Tracks	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Brakes	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SWEEPER **Identification Number:** YL5G49

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	KM 8/16/10			VV 8-17-10			KM 8/18/10									
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Water truck 4000 Gal **Identification Number:** CRS10-163

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	Mon 8/16 RM			Tues 8/17 RM			Wed 8/18 RM						Fri 8/20			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☒	☐	Rear lights
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: OFF ROAD HAUL DUMP TRUCK **Identification Number:** M15397

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/16/10			8/17/10			8/18/10			8/19/10			8/20/10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken: LODES

CONVERT

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 950 H Wheel loader **Identification Number:** 950 - PX6536

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	8/16/10			8/17/10			8/18/10			8/20/10						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 2K HARRYS WATER TRUCK **Identification Number:** CRSOG-036

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 8-16-10			FL 8-17-10			FL 8-18-10			FL 8-20-10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

UTGD64

Equipment Type: BACKHOE **Identification Number:** 221-05-0226

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	VL 8/16/10			VL 8/17/10			VL 8/18/10									Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: OFF ROAD DUMP TRUCK **Identification Number:** M15113

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	VL 8/16/10			VL 8/17/10			VL 8/18/10						VL 8/20/10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 325 LONG REACH **Identification Number:** AJ6C47

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/16/10 RS			8/17/10 RS			8/18/10 RS			—			8/19/10 RS			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SKID STEER **Identification Number:** DB3559

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	RA 8-16-10			RA 8-17-10			RA 8-18-10			[redacted] 8-19-10			RA 8-20-10			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Tracks	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Horn operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: DON DOZER **Identification Number:** JV6N73

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/16			8/17			8/18/10 RJ						8/20 BP			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☒	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☒	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 322 LONG REACH **Identification Number:** FP7 H58

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
													MK 8/20/10 RS			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	
Tracks	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Steps and handgrips	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Horn operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: LOADER TRUCK **Identification Number:** C.R.S 14945

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
													8/20/10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Tracks	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	
Steps and handgrips	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	
Seat belt operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Horn operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: WATER TRUCK **Identification Number:** 8V46846

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Heavy Equipment Defects																
Inspected By (Initials) And Date:	KM 8/16/10			8/17/10			8/18/10 KM			8/19/10			8/20/10			**Defect(s):**
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	☒	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☒	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Gauges operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	

Explain corrective actions taken: _____

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: August 20, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- To date, 1800 pieces of shoreline debris have been surveyed for free release with 96 pieces not meeting the free release criteria and will be disposed of as LLRW.
- Continued towed-array survey of Screening Unit 3.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 20/AUG/10

REPORT NO 046

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Continued removing deconstructed rad pad material from RCA and stockpiled offsite by the former pickling tank in Parcel G, verified that activities
	performed conformed to the site clearing and demolition checklist.
03	Imported fill from HPS stockpile in Parcel E, backfilled and trackwalked HPS fill in section CB2L, started and completed shoreline revetment
	on section CB2L (lower portion of the first section (approximately 75 feet) between section C and B, verified that activities performed
	conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231,
	unloaded and spread spoils from shoreline excavation on rad screening pad, started and completed towed array scan of 3rd survey unit.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

8/20/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 8/20/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Started clearing debris from shoreline on 6/21/2010. Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager: Elizabeth Binning	Date: 8/20/2010

Shoreline Excavation and Revetment

Date: 8/20/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L

Requirement	Phase	Yes	No	N/A	Comments
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L

Requirement	Phase	Yes	No	N/A	Comments
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, CB2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	8/20/2010

Photo 1: Shoreline Excavation and Revetment – Excavation of subgrade in section CB2L.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 20, 2010

Photo 2: Shoreline Excavation and Revetment – Finish grade of subgrade in section CB2L.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 20, 2010

Photo 3: Shoreline Excavation and Revetment – Installation of geotextile in section CB2L.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 20, 2010

Photo 4: Shoreline Excavation and Revetment – Installation of filter rock in section CB2L.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 20, 2010

Photo 5: Shoreline Excavation and Revetment – Checking thickness of revetment in section CB2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 20, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	23/AUG/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	047	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Mild	
PM WEATHER	Sunny, Hot	
MAX TEMP (F)	77	
MIN TEMP (F)	61	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Continue loading, transporting and placing the approved HPS fill from	ERRG	1	Superintendent	10
	Parcel E. Place on the west end of the revetment to fill the next section to the	ERRG	1	Construction Manager	2
	specified elevations and grade lines- track walk the material in lifts while placing	ERRG	1	Project Manager	4
	to compact. Place filter fabric, place filter rock to specified elevations and	ERRG	1	QC Manager	8
	thickness, cap with 3' of rip rap to specified grades and thickness. Crew working	ERRG	1	Tech Lead	8
	on flipping and placing additional concrete on the debris screening strips.	ERRG	1	H&S Officer	8
	Crew finish pulling metal debris, sheet pile and concrete from the west boundary	ERRG	1	QC Staff	8
	of the shoreline. Crew attached one additional piece of silt curtain on the west	ERRG	5	Equipment Operators	39
	end to facilitate the work activity on that end.	ERRG	6	Laborers	16
		ERRG	4	Truck Drivers	25
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	152
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	6909.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7061.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	NA	17 loads of approved shoreline fill material from Parcel E.

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 2ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/23/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	23/AUG/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	047 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Mild	
PM WEATHER	Sunny, Hot	
MAX TEMP (F)	77	
MIN TEMP (F)	61	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/23/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 8/23/10 **TIME** 0300 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK

SAFETY TOPICS PRESENTED

SAFETY TOPICS NIGHT WORK, ROCKS, EQUIPMENT, REFLECTORS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNEVEN SURFACES, DARKNESS, SHADOWS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
FERNANDO VOZA	ERRG	[illegible]
Roberto Aguilera	ERRG	[illegible]
Boris Portillo	ERRG	[illegible]
William Schmid	ERRG	[illegible]
Viliavin [illegible]	ERRG	[illegible]
Scott Northington	HARRIS/ERRG	[illegible]
OSCAR OROZCO	ERRG	[illegible]
RUSSELL JACKSON	HARRIS/ERRG	[illegible]
DAVID HASAL	ERRG	David Hasal
Ken Mark	ERRG	[illegible]
Adam Beary	Heri	[illegible]
Liz Binning	ERRG	[illegible]
Vicente Valencia	ERRG	[illegible]
Heather Wollenburg	ERRG	[illegible]
JOHN SOURIAL	ERRG	[illegible]
Shirley Ng	ROICC	[illegible]

Health & Safety Officer DICKS EPP

SIGNATURE [illegible]

SUPERINTENDENT James Norris

SIGNATURE [illegible]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	8/23/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR + STILL	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0300 SAFETY TAILGATE – NIGHT RULES, SPOTTERS W/RADIO COMM., VESTS EQUIPMENT.

CONTINUED SHORELINE REVETMENT, ILLUMINATION IN THE WORK AREA S+F2.

GUARD REPORTED LIGHTS WENT OUT ON LIGHT TOWER, COULDN'T RESTART. CHECKED + UNIT HAD RAN OUT OF FUEL. FRIDAY CHECK WAS 60% FULL IN TANK, NOT GAGE.

HAULING FILL DIRT FROM TETRA TECH SOURCE FOR REVETMENT.

ASSISTING TETRA TECH WITH DEBRIS SCANNING.

CLEARING RUBBLE FROM WEST END OF SHORELINE.

EXTENDED SILT SCREEN @ WEST END.

PERIMETER FENCE INTACT.

EQUIPMENT IN USE: 3 LIGHT TOWER, BULLDOZER, EXCAVATOR, 2 DUMP TRUCKS, 2 LONG REACH EXCAVATORS, 2 END LOADERS, 2 WATER TRUCKS, SKID STEER, BACK HOE

Signed: [signature] Date: 8/23/10

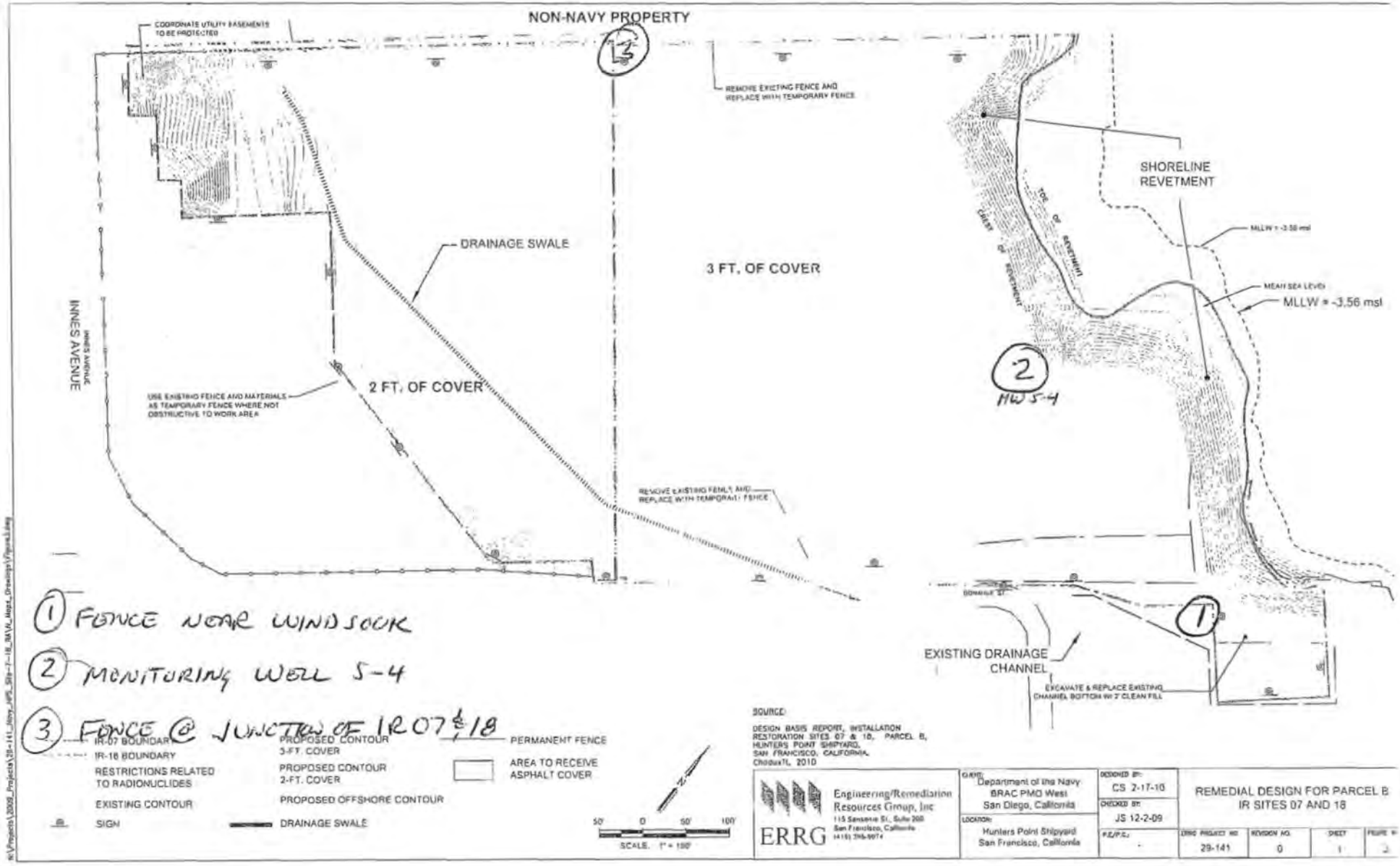
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 8/2, #1 8/23

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument: CONC ~~PID~~	Instrument: TWA ~~DataRAM~~	Comments	d BA
#1	8/23/10	0320	0.059	0.053	10971	—
#3		0324	0.040	0.040	10973	62.6
#2		0340	0.047	0.047	10972	54.2
#1		0411	0.041	0.052	10971	58.2
#2		0416	0.079	0.061	10972	54.5
#3		0422	0.058	0.066	10973	61.9
#1		0515	0.029	0.038	10971	60.2
#2		0521	0.061	0.064	10972	56.2
#3		0535	0.055	0.079	10973	60.7
#1		0610	0.043	0.047	10971	60.1
#3		0616	0.022	0.086	10973	60.9
#2		0623	0.072	0.067	10972	58.3
#2		0730	0.027	0.071	10972	60.4
#3		0733	0.023	0.093	10972	60.4
#1		0744	0.022	0.043	10971	65.2
#3		0840	0.021	0.077	10973	62.7
#2		0845	0.022	0.061	10972	68.1
#1		0850	0.016	0.038	10971	54.7
#3		0952	0.018	0.066	10973	61.1
#2		1002	0.017	0.052	10972	67.7
#1 CHANGED BATTERY		1010	0.021	0.020	10971	60.2
#3		1045	0.015	0.061	10973	56.3
#2		1050	0.025	0.049	10972	68.3
#1		1100	0.025	0.022	10971	56.0


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW = -3.56 msl
MEAN SEA LEVEL
MLLW = -3.56 msl
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
1
2
MW 5-4
3
1 FENCE NEAR WINDSOCK
2 MONITORING WELL 5-4
3 FENCE @ JUNCTION OF IR07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
50' 0 50' 100'
SCALE: 1" = 100'
SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, CH2MHILL, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
(415) 398-9074
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.G.:
REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
DRAWING PROJECT NO. 29-141
REVISION NO. 0
SHEET 1
FIGURE NO. 3

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: August 23, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-101 through ERRG-A-IR07-104). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-097 through ERRG-A-IR07-100. No activity above the release criteria was identified in surveys ERRG-A-IR07-097, ERRG-A-IR07-099, and ERRG-A-IR07-100. For survey ERRG-A-IR07-098, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-098-012	to be designated
ERRG-A-IR07-098-027	to be designated
ERRG-A-IR07-098-033	to be designated

- To date, 1872 pieces of shoreline debris have been surveyed for free release with 98 pieces not meeting the free release criteria and will be disposed of as LLRW.
- Completed preparing Screening Unit 4 for towed array services. Towed array of Screening Unit 3 was completed on August 20.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 23/AUG/10

REPORT NO 047

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Removed last of the concrete and sheetpile at northwest corner of shoreline, verified that activities performed conformed to the site
	clearing and demolition checklist.
03	Imported fill from HPS stockpile in Parcel E, backfilled and trackwalked HPS fill in section BA1L, started and completed shoreline revetment
	on section BA1L (lower portion of the first section (approximately 75 feet) between section B and A, installed additional section of silt curtain
	at northwest corner of the revetment, verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, unloaded and spread spoils from shoreline excavation on rad screening pad.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

8/23/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 8/23/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager: Elizabeth Binning	Date: 8/23/2010

Shoreline Excavation and Revetment

Date: 8/23/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	8/23/2010

Photo 1: Shoreline Excavation and Revetment – Extension of silt curtain around northwest corner of the shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 23, 2010

Photo 2: Shoreline Excavation and Revetment – Trackwalking and grading HPS fill in section BA1L to build up subgrade.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 23, 2010

Photo 3: Shoreline Excavation and Revetment – Excavation of section BA1L toe.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 23, 2010

Photo 4: Shoreline Excavation and Revetment – Installation of geotextile in section BA1L.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 23, 2010

Photo 5: Shoreline Excavation and Revetment – Installation of riprap in the toe of section BA1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 23, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 24/AUG/10
		REPORT NO: 048
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Clear, Mild	PM WEATHER: Sunny, Hot	MAX TEMP (F): 84 / MIN TEMP (F): 61

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on the next section to the west. Excavate the toe, place and	ERRG	1	Superintendent	10
	grade out fill on the top. Place filter fabric, place filter rock to specified grade	ERRG	1	Construction Manager	0
	lines and elevations, cap with 3' of rip rap to specified elevations and thickness	ERRG	1	Project Manager	8
	Crew working with Tetra Tech flipping concrete debris on the screening strips	ERRG	1	QC Manager	8
	and placing additional concrete to be screened. Crew continue importing	ERRG	1	Tech Lead	8
	approved shoreline material- place material along the crest of the revetment	ERRG	1	H&S Officer	8
	in the areas that need fill.	ERRG	2	QC Staff	16
		ERRG	5	Equipment Operators	39
		ERRG	5	Laborers	8
		ERRG	4	Truck Drivers	25
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 154
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 7061.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 7215.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		14 loads of approved shoreline fill material from Parcel E.

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 2ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	CQC meeting today at 1300 with Navy and Tetra Tech.

James Nores — CONTRACTOR/SUPERINTENDENT

8/24/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	24/AUG/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	048 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, Mild
PM WEATHER	Sunny, Hot
MAX TEMP (F)	84
MIN TEMP (F)	61

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/24/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 8/24/10 **TIME** 0330 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Continue Revetment construction, material import Concrete flip/Loadout/place

SAFETY TOPICS PRESENTED

SAFETY TOPICS NIGHT WORK, CLOSE AREA, SPEEDING, RADIOS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNGUN SURFACES, ROCKS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
DAVID HASAL	ERRG	David Hasal
Viliamu LELEI	WRKET	[illegible]
Ken Mark	ERRG	[illegible]
O O Rozo	ERRG	[illegible]
William Schmidt	ERRG	[illegible]
Roberto Ayulen	ERRG	[illegible]
FERNANDO LORA	ERRG	[illegible]
Boris Portillo	ERRG	Boris Portillo
Scott Northrup	Harris/ERRG	[illegible]
Heather Wollenburg	ERRG	[illegible]
Adam Berry	ERRG	[illegible]
Liz Binning	ERRG	[illegible]
Tanner Bennett	ERRG	Tanner T. Bennett
JOHN SOURAL	ERRG	[illegible]
[illegible]	[illegible]	[illegible]
BRETT WOMACK	ITSI	[illegible]

Health & Safety Officer DICK EPP **SUPERINTENDENT** James Flores

SIGNATURE [illegible] **SIGNATURE** James C. Flores

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	8/24/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0330 SAFETY TAILGATE - NIGHT WORK, CLOSE QUARTERS, RADIO USE + CARE, SPOTTERS

CONTINUE SHORELINE REVETMENT, ILLUMINATION 5 FC.

HAULING FILL FROM TOTRA TECH DESIGNATED AREA

ASSISTING TOTRA TECH WITH RUBBLE SCANNING

EQUIPMENT IN USE: 3 LIGHT TOWERS, 2 DUMP TRUCKS, 3 WATER TRUCKS, 2 END LOADERS, EXCAVATOR, BULLDOZER, 2 LONG REACH EXCAVATORS BACKHOE, SKID STEER

Signed: RCEpp Date: 8/24/10

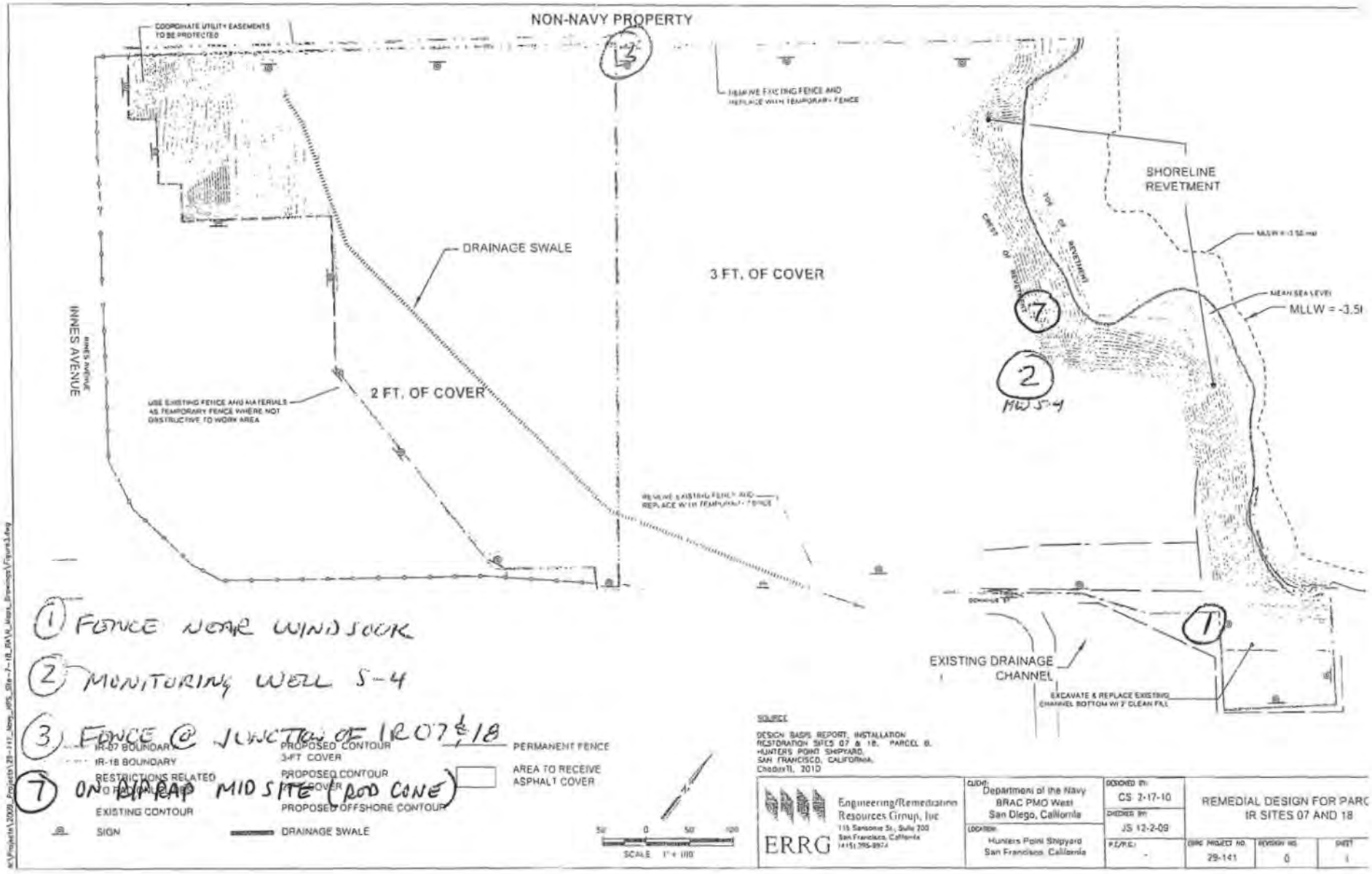
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 8/2

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC. ~~PID~~	TWA ~~DataRAM~~	Comments	dBA
#3	8/24/10	0413	0.029	0.037	10973	62.7
#2		0420	0.051	0.044	10972	55.6
#1		0425	0.044	0.038	10971	54.7
#3		0522	0.046	0.037	10973	63.0
#2 MOVED		0530	WET DOWN	BY SPRAY	10972	—
#7		0537	0.035	0.097	10972	71.2
#1		0550	0.038	0.041	10971	56.8
#7		0640	0.080	0.075	10972	70.0
#1		0654	0.017	0.036	10971	62.1
#7		0740	0.020	0.061	10972	70.3
#3		0750	0.019	0.033	10973	61.2
#1		0758	0.029	0.031	10971	59.7
#7		0845	0.010	0.051	10972	72.1
#3		0900	0.012	0.032	10973	60.1
#1		0925	0.006	0.025	10971	55.5
#7		0952	0.014	0.043	10972	69.5
#3		1118	0.011	0.026	10973	59.1
#2		1122	0.011	0.037	10972	—
#1 BATTERY DEAD		1125	—	—	10971	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
DRAINAGE SWALE
3 FT. OF COVER
MEAN SEA LEVEL
MLLW = -3.5
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
2 FT. OF COVER
MW S-4
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
1 FENCE NEAR WINDSOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR07 & 18
7 ON RIP RAP MID SITE (ROD CONE)
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO HEALTH
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, Chadwell, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
(415) 395-8974
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.G.: -
REMEDIAL DESIGN FOR PARC IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: August 24, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-105 through ERRG-A-IR07-108). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-101 through ERRG-A-IR07-103. No activity above the release criteria was identified in survey ERRG-A-IR07-103. For surveys ERRG-A-IR07-101 and ERRG-A-IR07-102, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-101-022	to be designated
ERRG-A-IR07-101-028	to be designated
ERRG-A-IR07-101-029	to be designated
ERRG-A-IR07-102-025	to be designated

- Began towed array of Screening Unit 4.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 24/AUG/10

REPORT NO 048

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Verified that activities performed conformed to the site clearing and demolition checklist.
	Imported fill from HPS stockpile in Parcel E, backfilled and trackwalked HPS fill in section AO1L, started and completed shoreline revetment
03	on section AO1L (lower portion of the first section (approximately 75 feet) between section A and the northwest corner of the shoreline,
	verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, unloaded and spread spoils from shoreline excavation on rad screening pad.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

8/24/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Site Clearing and Demolition

Date: 8/24/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager: Elizabeth Binning	Date: 8/24/2010

Shoreline Excavation and Revetment

Date: 8/24/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	8/24/2010

Photo 1: Shoreline Excavation and Revetment – Excavation and gradechecking of section AO1L subgrade.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 24, 2010

Photo 2: Shoreline Excavation and Revetment – Installation of filter rock in section AO1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 24, 2010

Photo 3: Shoreline Excavation and Revetment – Installation of filter rock and riprap in section AO1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 24, 2010

Photo 4: Shoreline Excavation and Revetment – Installation of riprap in the toe of section AO1L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 24, 2010

Photo 5: Shoreline Excavation and Revetment – Installation of riprap in section AO1L.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 24, 2010

Photo 6: Shoreline Excavation and Revetment – Checking riprap thickness in completed sections of revetment.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 24, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 25/AUG/10
		REPORT NO: 049
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Mild	Sunny, Hot	82	61

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on excavating the last section on the west boundary Place filter	ERRG	1	Superintendent	8
	fabric, place filter rock and then key in the toe/fabric tie-in with rip rap and come	ERRG	1	Construction Manager	2
	part way up the slope.	ERRG	1	Project Manager	8
	Crew continue import/placement/compaction of the approved shoreline fill	ERRG	1	QC Manager	8
	material at the crest locations that need fill.	ERRG	1	Tech Lead	8
	Continue working with Tetra Tech flipping and loading out concrete on the	ERRG	1	H&S Officer	8
	debris screening strips.	ERRG	2	QC Staff	16
		ERRG	5	Equipment Operators	39
		ERRG	5	Laborers	17
		ERRG	4	Truck Drivers	39
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	177
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7215.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7392.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		4 loads of approved shoreline fill material from Parcel E.
04		1 load of concrete out to the approved B231 stockpile area

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 2ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/25/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	25/AUG/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	049 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Mild	
PM WEATHER	Sunny, Hot	
MAX TEMP (F)	82	
MIN TEMP (F)	61	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/25/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 8/25/10 **TIME** 0400 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK continue removal on west end, concrete debris load out / flipping import fill as needed.

SAFETY TOPICS PRESENTED

SAFETY TOPICS HEAT STRESS, NIGHT RULES, TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNEVEN SURFACES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
VICENTE VALENCIA	ERRG	Vicente Valencia
FERNANDO LOZA	ERRG	
Roberto Aguilera	ERRG	Roberto Aguilera
Ken Mark	ERRG	
OGE ONOTT	ERRG	
William Lewis		
Boris Ermilk		
DAVID HASAL	ERRG	
William Schmidt	ERRG	David Hasal
Heather Wollenburg	ERRG	
Scott Northgen	ERRG	
Tanner Bennett	Harris/ERRG	
Adam Benn	ERRG	
Sharon Gallagher	TERI	
RUSSELL JACKSON	HARRIS/ERRG	
Liz Binning	ERRG	
JOHN SOURIAL	ERRG	
Ly Anh	ERRG	

Health & Safety Officer DICK EPP **SUPERINTENDENT** JAMES NORRIS

SIGNATURE M Cmp **SIGNATURE** James Norris

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	8/25/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0400 SAFETY TAILGATE – HEAT STRESS I.C. DRINK PLENTY OF WATER, FEELING HOT, FIND SHADE; SPEED; CLOSE AREA AT WEST END.

CONTINUE WITH SPECIFIC REVETMENT, ILLUMINATION 5 + FC IN WORK AREA.

HAULING SCANNED RUBBLE TO RECYCLE.

HAULING BACKFILL FROM TETRA TECH SITE.

ASSISTING TETRA TECH W/ RUBBLE SCANNING

EQUIPMENT IN USE: 3 WATER TRUCKS, 2 DUMP TRUCKS, 2 END LOADERS, 2 LONG REACH EXCAVATORS, EXCAVATOR, BACKHOE, SKID STEER, BULLDOZER

Signed: [signature] Date: 8/25/10

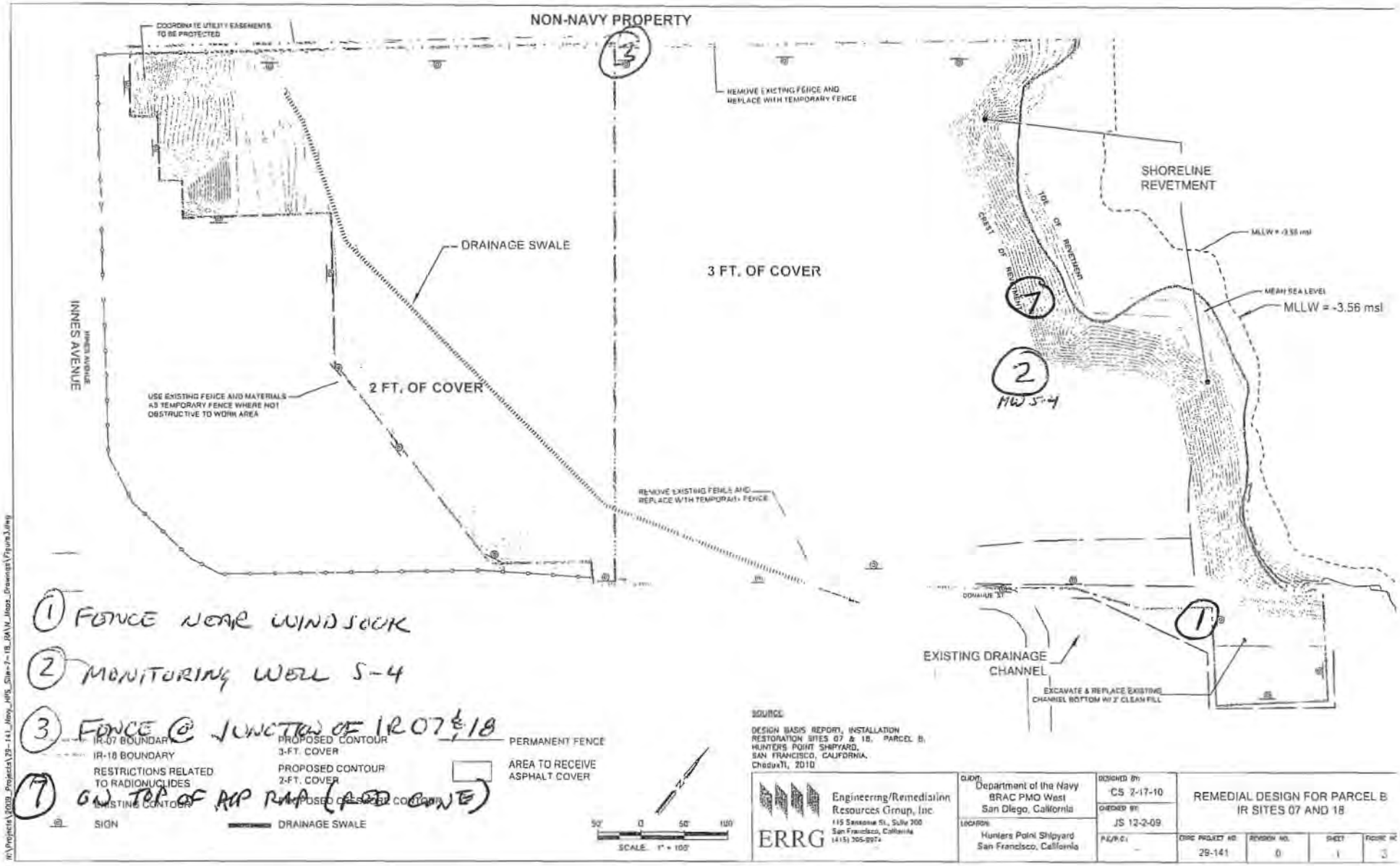
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 8/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC. ~~PID~~	TWA ~~DataRAM~~	Comments	dBA
#3	8/25/10	0429	0.051	0.048	10973	61.8
#7		0458	0.040	0.035	10972	65.8
#1		0508	0.029	0.025	10971	57.6
#3		0616	0.043	0.043	10973	61.0
#7		0620	0.033	0.039	10972	59.2
#1 SPRAYED - OFF - RESET		0626	—	—	10971	58.7
#3		0723	0.057	0.045	10973	61.8
#7		0736	0.027	0.040	10972	63.4
#1 SPRAYED AGAIN - DOSING OUT		0815	—	—	10971	59.2
#7		0901	0.038	0.036	10972	72.0
#3		0906	0.027	0.040	10973	60.1
#1 REACTIVATED		0940	0.010	0.007	10971	59.3
#1		1034	0.000	0.006	10971	55.2
#7		1043	0.041	0.036	10972	62.9
#3		1049	0.039	0.043	10973	60.2
#3		1156	0.042	0.043	10973	61.6
#7		1204	0.039	0.036	10972	76.9
#1		1210	0.002	0.007	10971	65.6


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW = -3.56 msl
MEAN SEA LEVEL
MLLW = -3.56 msl
DRAINAGE SWALE
3 FT. OF COVER
INNES AVENUE
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
DONAHUE ST
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
3
7
2
MW S-4
1
1 FENCE NEAR WINDSOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR 07 & 18
7 ON TOP OF ACP RAP (RED CONE)
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED CRESTOR CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
50' 0 50' 100'
SCALE 1" = 100'
SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, ChaduxTI, 2010
ERRG
Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 200
San Francisco, California
(415) 305-9974
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.G.: -
REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1
FIGURE NO. 3
W:\Projects\2009_Projects\29-141_Navy_HPS_Site-7-18_RA\N_Maps_Drawings\Figure3.dwg

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: August 25, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-109 through ERRG-A-IR07-112). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- To date, 2016 pieces of shoreline debris have been surveyed for free release with 103 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 25/AUG/10

REPORT NO 049

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Verified that activities performed conformed to the site clearing and demolition checklist.
03	Imported fill from HPS stockpile in Parcel E, backfilled and trackwalked HPS fill in section AO2L, started shoreline revetment
	on section AO2L (lower portion of the first section (approximately 75 feet) between section A and the northwest corner of the shoreline,
	verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231,
	unloaded and spread spoils from shoreline excavation on rad screening pad.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

8/25/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 8/25/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		To be completed later in the project
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager: Elizabeth Binning	Date: 8/25/2010

Shoreline Excavation and Revetment

Date: 8/25/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	8/25/2010

Photo 1: Shoreline Excavation and Revetment – Excavation of section AO2L subgrade.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 25, 2010

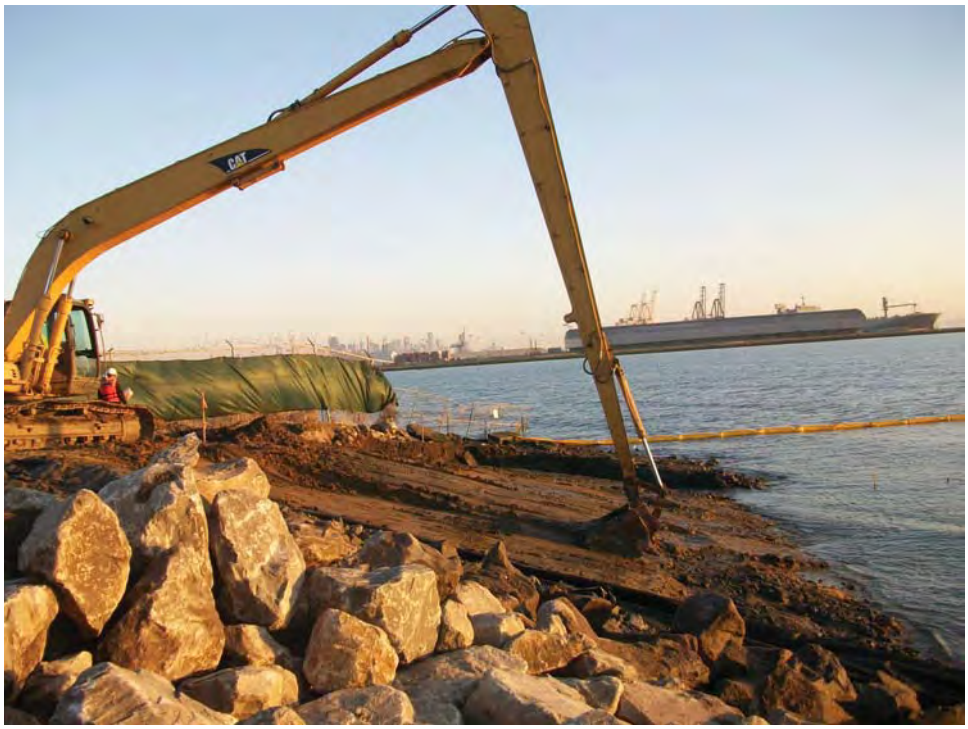


Photo 2: Shoreline Excavation and Revetment – Excavation of section AO2L subgrade.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 25, 2010

Photo 3: Shoreline Excavation and Revetment – Installation of geotextile and filter rock in section AO2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 25, 2010

Photo 4: Shoreline Excavation and Revetment – Installation of riprap in the toe of section AO2L.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 25, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	26/AUG/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	050	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Sunny, Mild	
MAX TEMP (F)	70	
MIN TEMP (F)	58	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on the last section of revetment on the west end- excavate the	ERRG	1	Superintendent	8
	toe to the specified elevation, place filter fabric, place filter rock to the specified	ERRG	1	Construction Manager	2
	elevation and thickness, cap with 3' of 1/4 ton rip rap to the specified grade lines	ERRG	1	Project Manager	8
	and elevations. Crew working on importing the approved fill material and	ERRG	1	QC Manager	8
	placing along the crest of the revetment in the areas that need fill.	ERRG	1	Tech Lead	8
	Sub on site to install temp fence on the west side.	ERRG	1	H&S Officer	8
	Crew working on placing rip rap in any low areas identified by QC staff.	ERRG	2	QC Staff	16
		ERRG	4	Equipment Operators	32
		ERRG	4	Laborers	18
		ERRG	3	Truck Drivers	18
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	150
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7392.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7542.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		2 loads of approved shoreline fill material from Parcel E.

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 2ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/26/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	26/AUG/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	050 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Sunny, Mild	
MAX TEMP (F)	70	
MIN TEMP (F)	58	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/26/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 8/26/10 ~~0430~~ **TIME** 0430 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Fill in Rip Rap @ yesterdays section and any low areas. Lay out top of revetment Temp fence install

SAFETY TOPICS PRESENTED

SAFETY TOPICS NIGHT WORK, SUBCONTRACTOR, SPOTTERS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS DARKNESS, SHADOWS, UNEVEN SURFACES, ROCKS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
VICENTE VALENCIA	ERRG	Vicente Valencia
Ken Mark	ERRG	K Mark
DAVID HASAK	ERRG	David Hasak
Boris Portillo	ERRG	Boris Portillo
FERNANDO LOZA	ERRG	[illegible]
O. OROZCO	ERRG	O. Orozco
Scott Worthington	Harris/ERRG	[illegible]
RUSSELL JACKSON	HARRIS/ERRG	[illegible]
William Schmidt	ERRG	[illegible]
Liz Binning	ERRG	[illegible]
Heather Wollenburg	ERRG	[illegible]
Alfonso Lopez	National Rent Fence	[illegible]
Milton Reno	NATIONAL Rent Fence	Milton Reno
TYSON APPA	ERRG	

Health & Safety Officer DICK EPP

SIGNATURE [signature]

SUPERINTENDENT James Noyes

SIGNATURE James E Noyes

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	8/26/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	PARTLY CLOUDY, WINDY	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0430 SAFETY TAILGATE – NIGHT WORK, SPOTTERS, FENCE SUBCONTRACTOR

SHORELINE REVETMENT CONTINUES, ILLUMINATION SET UP IN BOTH WORK AREAS. COMPLETED WATER INTRUSIVE WORK.

HAULING FILL DIRT FROM TETRATECH SOURCE.

FENCE CONTRACTOR WORKING OFF-SITE INSTALLING TEMPORARY FENCE NW OF EXISTING PERIMETER FENCE AT 5' OFF & OUTSIDE THE RCA. RECEIVED A BOBCAT SKID STEER TO ASSIST MOVING OBJECTS & HANDLING FENCE.

MOVED 2 LIGHT STANDS TO SCANNING AREA TO BE SURVEYED FOR OFF-SITE REMOVAL.

TETRA TECH TOWED ARRAY SCANNING SECOND AREA.

EQUIPMENT IN USE: 3 LIGHT STANDS, 2 DUMP TRUCKS, 3 WATER TRUCKS, 2 CAT LOADERS, 1 LONG REACH EXCAVATOR, BULLDOZER, EXCAVATOR

Signed: [signature] Date: 8/26/10

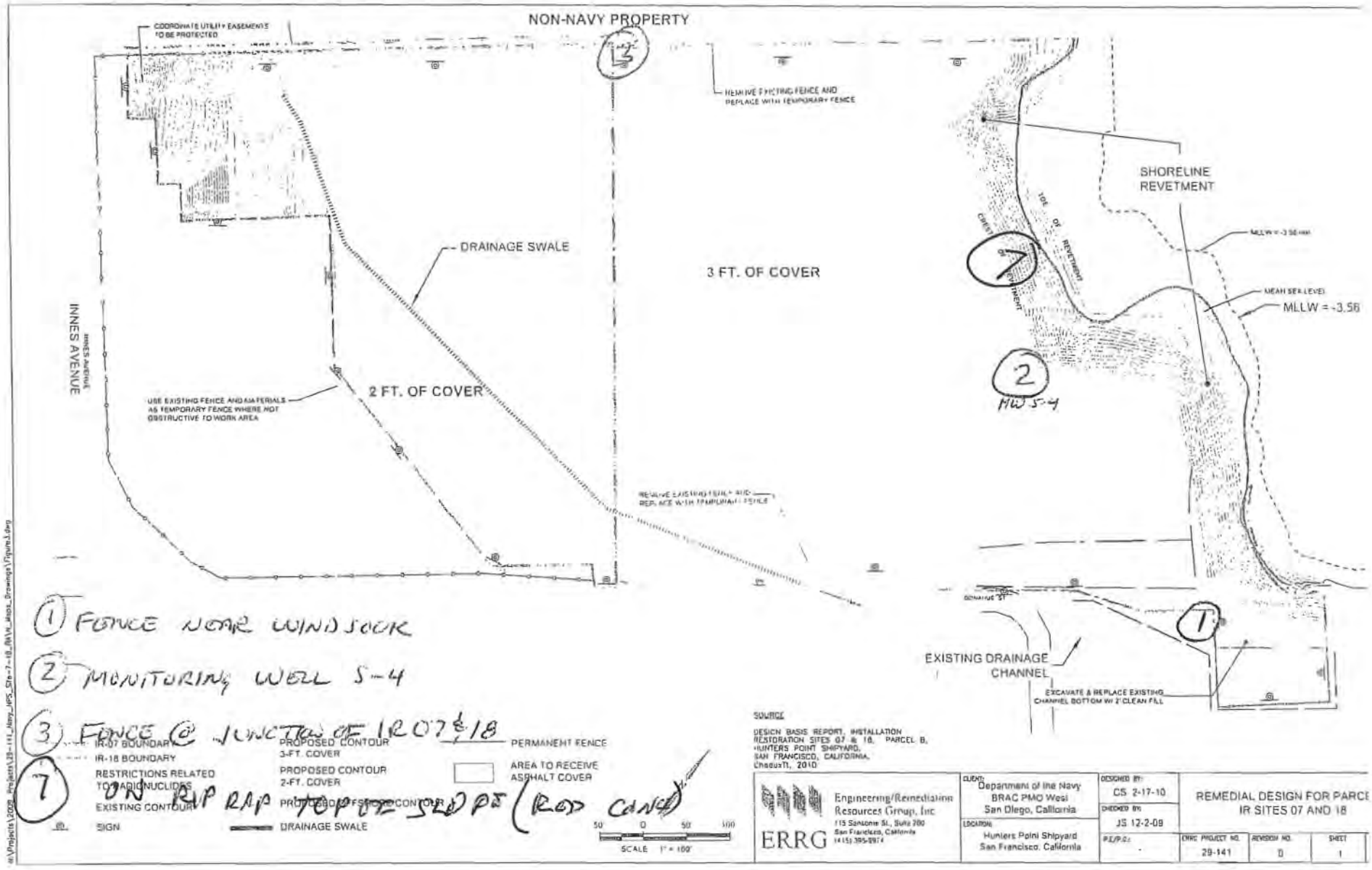
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 8/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Conc. ~~PID~~	Instrument TWA ~~DataRAM~~	Comments	dBA
#3	8/26/10	0508	0.050	0.049	10973	60.8
#7		0520	0.068	0.037	10972	68.2
#1		0530	0.021	0.015	10971	80.1
#3		0636	0.026	0.049	10973	59.8
#7		0646	0.020	0.034	10972	65.6
#1		0650	0.000	0.011	10971	76.9
#1 Citation battery		0736	0.000	0.000	10971	72.9
#7		0809	0.041	0.026	10972	67.2
#7		0855	0.015	0.026	10972	63.2
#1		0850	0.000	0.001	10971	69.9
#3		0900	0.012	0.029	10973	60.5
#1		1025	0.000	0.000	10971	76.8
#7		1032	0.014	0.022	10972	70.5
#3		1036	0.007	0.023	10973	68.0



7 ON RIP RAP TOP OF SLOPE (RED CANE)

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: August 26, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-113 through ERRG-A-IR07-116). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-104 through ERRG-A-IR07-110. No activity above the release criteria was identified in surveys ERRG-A-IR07-105, ERRG-A-IR07-106, ERRG-A-IR07-107, ERRG-A-IR07-109, and ERRG-A-IR07-110. For surveys ERRG-A-IR07-104 and ERRG-A-IR07-108, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-104-002	to be designated
ERRG-A-IR07-104-023	to be designated
ERRG-A-IR07-108-017	to be designated
ERRG-A-IR07-108-018	to be designated

- To date, 2010 pieces of shoreline debris have been surveyed for free release with 107 pieces not meeting the free release criteria and will be disposed of as LLRW.
- Completed the towed array scan of Screening Unit 4 and started the towed array of Screening Unit 5.

- An RCT performed outgoing surveys of the following equipment: 2 – light towers.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 26/AUG/10

REPORT NO 050

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Cleared and grubbed along northwest property fence, installed temporary fence along outside of northwest property fence, verified that
	activities performed conformed to the site clearing and demolition checklist.
03	Imported fill from HPS stockpile in Parcel E, continued placement of shoreline revetment riprap in section AO2L (lower portion of the second
	section (approximately 75 feet) between section A and the northwest corner of the shoreline, verified that activities performed conformed to the
	shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, started and completed towed array radiological scan of 4th survey unit.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

8/26/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 8/26/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010.
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager: Elizabeth Binning	Date: 8/26/2010

Shoreline Excavation and Revetment

Date: 8/26/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	8/26/2010

Photo 1: Shoreline Excavation and Revetment – Placing riprap in the toe of AO2L.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 26, 2010

Photo 2: Radiological Screening and Remediation – Towed array radiological scan of 4th survey unit.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 26, 2010

Photo 3: Site Clearing and Demolition– Installation of temporary fence along northwest property line right of way.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 26, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 27/AUG/10
		REPORT NO: 051

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Cool	Sunny, Mild	70	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on placing additional rip rap in the low areas on the west end of	ERRG	1	Superintendent	8
	the revetment. 10 trucks looping with 1/4 ton rip rap today, stockpile along the	ERRG	1	Construction Manager	2
	crest of the revetment. Crew working on flipping and placing concrete on the	ERRG	1	Project Manager	8
	debris screening strips. Crew continue grading out the approved shoreline fill	ERRG	1	QC Manager	8
	material along the crest.	ERRG	1	Tech Lead	8
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	4	Equipment Operators	33
		ERRG	5	Laborers	14
		ERRG	3	Truck Drivers	21
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	150
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7542.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7692.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	25 loads of 1/4 ton rip rap imported today.

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 2ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	Tetra Tech performed exit survey for two light towers scheduled for demobilization

James Nores — CONTRACTOR/SUPERINTENDENT

8/27/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 27/AUG/10
		REPORT NO: 051 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Cool	Sunny, Mild	70	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/27/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 8/27/10 **TIME** 0600 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Continue crest of revetment fill in w/rip/rap westend, Load/haul additional fill, Import Rip/rap

SAFETY TOPICS PRESENTED

SAFETY TOPICS STF, ROCK DELIVERIES, FENCE REMOVAL BODY MECHANICS, SNAKES

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN SURFACES, EQUIPMENT, TRAFFIC, ROLLING ROCKS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Vicente Valencia	ERRG	Vicente Valencia
Fernando Loza	ERRG	[illegible]
Enrique Martinez	ERRG	[illegible]
Ken Mark	ERRG	[illegible]
[illegible]	HERI	[illegible]
J. Cunningham	NWT	[illegible]
Sharon Gallagher	NWT	[illegible]
Lisa Broussard	NWT	[illegible]
Boris Porfirio	ERRG	Boris Porfirio
[illegible]	ERRG	[illegible]
[illegible]	Harris/ERRG	[illegible]
Will Schmidt	ERRG	Will [illegible]
Tanner Bennett	ERRG	[illegible]
Russell Jackson	ERRG/HARRIS	[illegible]
Liz Binning	ERRG	[illegible]
K S Mann	[illegible]	[illegible]
Gurdeep Jatta	GTC	[illegible]
Jalta [illegible]	JBE	[illegible]

Health & Safety Officer DICK EPP **SUPERINTENDENT** James Noles

ERRG

TAILGATE SAFETY MEETING

DATE 8-27-2010 TIME 7:20 PROJECT NUMBER 29-141

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
ALWANT SINGH	Johal Booth	[signature]
Shan Randey	Mann Trans	[signature]
[illegible] Singh	G.T.C	[signature]
Paranjit Singh	Binda Trucking	[signature]
John Souriak	ERRG	[signature]
Shanti Matgamey	[illegible]	[signature]
Heather Wollenburg	ERRG	[signature]

Health & Safety Officer _____ SUPERINTENDENT _____

SIGNATURE _____ SIGNATURE _____

DAILY FIELD ACTIVITY LOG

RG

Prepared by: Richard Epp
Client: Dept of the Navy
Day: FRIDAY
Date: 8/27/10
Project Name: HPS Remediation Sites 7-18 Parcel B, Hotspots
Project No.: 29-141
Weather: PARTLY CLOUDY
Page: 1 of 1
Site Visitors: See Tailgate Sign In Log.
Description of Field Activities:

0600 SAFETY TAILGATE – MORNING SHADOWS, TRAFFIC, ROCK DELIVERIES

CONTINUING TO PLACE FILTER ROCK & RIP RAP ON SHORELINE REVETMENT

HAULING FILL DIRT FROM TETRA TECH SOURCE

ASSISTING TETRA TECH WITH RUBBLE SCANNING

CLEAN UP CUT VINES, ETC. @ BROWN HOUSE ON EVANS THAT WAS REMOVED FOR TEMP. FENCE INSTALLATION YESTERDAY.

RECEIVING RIPRAP IN END DUMP TRUCKS, UNLOADING TRUCKS & SWEEPING DONAHUE ST.

EQUIPMENT IN USE: 1 LIGHT TOWER, 2 DUMP TRUCKS, 2 END LOADERS 2 LONG REACH EXCAVATORS, EXCAVATOR, SKID STEER, 3 WATER TRUCKS, SWEEPER

Signed: [signature] Date: 8/27/10

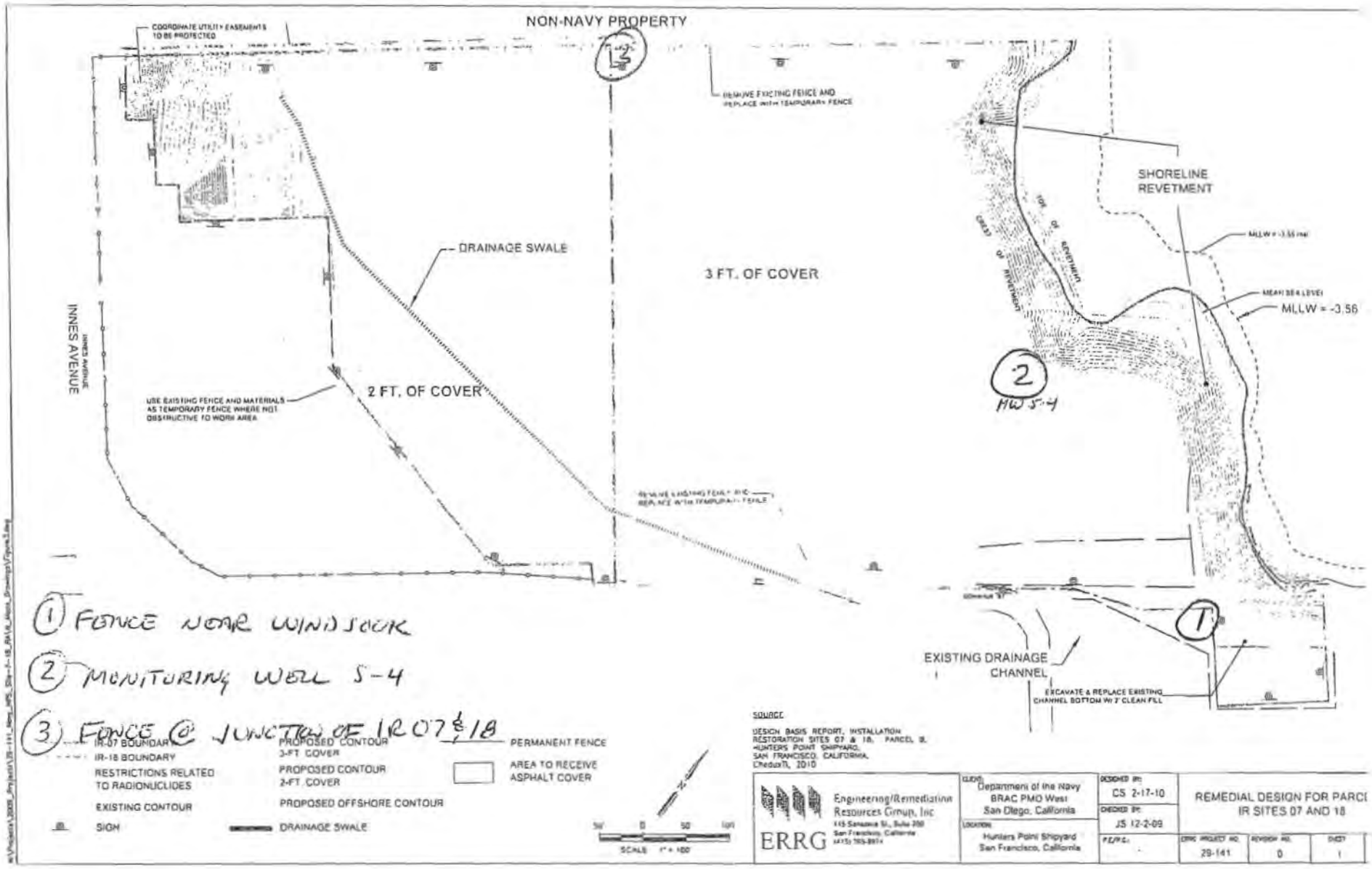
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK LOPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 8/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC. ~~PID~~	Instrument TIVA ~~DataRAM~~	Comments	Comments dBA
#1	8/27/10	0748	0.036	0.031	10971	68.1
#3		0800	0.060	0.060	10973	60.8
#2		0805	0.071	0.061	10972	61.9
#1		1206	0.021	0.022	10971	71.5
#2	SPRAYED - RESTARTED	1208	—	—	10972	—
#3		1212	0.023	0.042	10973	59.2
#2	SPRAYED AGAIN - DRYING	1215	—	—	10972	—
#3		1401	0.046	0.040	10973	54.7
#1		1408	0.016	0.021	10971	58.7


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
DRAINAGE SWALE
3 FT. OF COVER
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
2 FT. OF COVER
MEAN SEA LEVEL
MLLW = -3.56
HW 5-4
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
1 FENCE NEAR WINDSOCK
2 MONITORING WELL 5-4
3 FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, CheduxTL, 2010
ERRG
Engineering/Remediation Resources Group, Inc
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
REMEDIAL DESIGN FOR PARCE IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT D6R LGP **Identification Number:** JVG N73

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	RJ 8-23-10			8/24/10 RJ			8/25/10			8/26/10 RJ			8/27/10 RJ			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Tracks	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Steps and handgrips	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Guards on moving parts?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Engine belts and hoses	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Fluid levels acceptable?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Loading/lifting capacity marked?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Seat belt operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Fire extinguisher present?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Windows and mirrors unbroken?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Gauges operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Battery charged?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Windshield wipers operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Horn operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Back up alarm operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Lights and signals operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Steering and other controls	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Brakes	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: OF ROAD D TRUCK **Identification Number:** M15379

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	OO 8-23-10			FL 8-24-10			FL 8-25-10			FL 8-26-10			FL 8-27-10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☒	☐	☒	☒	☐	☐	☒	☐	☐	☒	☐	FUEL GAUGE NOT WORKING
Battery charged?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☒	☐	☐	☒	☐	☒	☐	☐	☒	☐	☐	REAR LIGHTS OUT (LIGHTS FIXED 8-25-10)
Steering and other controls	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

PX 6536

Equipment Type: 950 H wheel loader **Identification Number:** 950H L-2

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/23/10			8/24/10			8/25/10			8/26/10			8/27/10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Water truck 4000 Gal **Identification Number:** CRS10 163

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	Monday 8/23 KM			Tues 8/24 KM			Wed 8/25 KM			Thur 8/26 KM			Fri 8/27			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐	☒	☒	☐	Rear light short
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: LOADER **Identification Number:** AY7575

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	7/23 O.O.			7/24 WV			7/25 WV			7/26 FL			7/27 FL			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: HARRIS 2K WATER TRUCK **Identification Number:** CR506-036

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	8-23-10 FL			8-24-10 OO			8-25-10 OO			8-26-10 OO			8-27-10 OO			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	
Gauges operative?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 322 C LONG REACH **Identification Number:** FP7H58

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/23/10 HK RT			8/24/10 HK RT			8/25/10 HK RT									
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: OFF ROAD DT **Identification Number:** M1511 3

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	WL 8-23-10			WL 8-24-10			WL 8-25-10			WL 8-25-10			WL 8-26-10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☒	☐	☒	☒	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☒	☐	☐	☒	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Skidsteer **Identification Number:** DB3559

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8-23-10 MJK			8-24-10 MJK			8-25-10 MJ			8-26-10 MJK			EM 8-27-10 MJ			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: LONG REACH EXCAVATOR **Identification Number:** AJ 6C47

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8-26-10 RT			8-27-10 RT												
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200c John Deere Excavator **Identification Number:** BL7X87

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/23 BP			8/24 BP			8/25 BP			8/26 BP			8/27 BP			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Tracks	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
[illegible] extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Generator **Identification Number:** 815336 site#1

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/23/10 WS			8/24/10 WS			8/25/10 WS			8/26/10 WS			8/27/10 WS			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Guards on moving parts?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Fire extinguisher present?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Back up alarm operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Lights and signals operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steering and other controls	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Brakes	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	

Explain corrective actions taken: Refueled 8/23/10 & 8/25/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Generator **Identification Number:** 814776 site #3

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/23/10 WS			8/24/10 WS			8/25/10 WS			8/26/10 WS			8/27/10 WS			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Guards on moving parts?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Fire extinguisher present?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Back up alarm operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Lights and signals operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steering and other controls	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Brakes	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	

Explain corrective actions taken: Refueled 8/23/10, 8/25/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: August 27, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-111 through ERRG-A-IR07-113. No activity above the release criteria was identified in survey ERRG-A-IR07-113. For surveys ERRG-A-IR07-111 and ERRG-A-IR07-112, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-111-027	to be designated
ERRG-A-IR07-112-018	to be designated

- To date, 2010 pieces of shoreline debris have been surveyed for free release with 109 pieces not meeting the free release criteria and will be disposed of as LLRW.
- Completed the towed array scan of Screening Unit 5.
- An RCT performed outgoing surveys of the following equipment: 2 – light towers.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 27/AUG/10

REPORT NO 051

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Verified that activities performed conformed to the site clearing and demolition checklist.
03	Imported and stockpiled riprap along top of revetment, graded and trackwalked fill from Parcel E along top of shoreline in section IH1U and IH2U,
	continued placement of shoreline revetment riprap in section AO2L and section IH1L and IH2L, verified that activities performed conformed to the
	shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

8/27/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 8/27/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010.
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager: Elizabeth Binning	Date: 8/27/2010

Shoreline Excavation and Revetment

Date: 8/27/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 8/27/2010

Photo 1: Shoreline Excavation and Revetment – Grading and trackwalking fill material between sections H and I.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 27, 2010

Photo 2: Shoreline Excavation and Revetment – Placing filter rock in sections IH1U and IH2U.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 27, 2010

Photo 3: Shoreline Excavation and Revetment – Installation of riprap in sections IH1U and IH2U.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 27, 2010

Photo 4: Shoreline Excavation and Revetment – Placement of filter rock in section AO2U.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 27, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	30/AUG/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	052	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Sunny, Mild	
MAX TEMP (F)	70	
MIN TEMP (F)	58	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on repairing the damage to the perimeter fence (non RCA) in the	ERRG	1	Superintendent	8
	stockpile area caused by high winds over the weekend. Crew working on	ERRG	1	Construction Manager	2
	removing the privacy screen from the west perimeter fence, cutting and	ERRG	1	Project Manager	8
	removing the chain link in 50' sections, and removing green waste along the	ERRG	1	QC Manager	8
	fence line/cut area. Crew working on flipping, loading out and spreading out	ERRG	1	Tech Lead	8
	new concrete debris to be scanned.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	4	Equipment Operators	28
		ERRG	7	Laborers	30
		ERRG	4	Truck Drivers	14
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	154
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7692.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7846.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	Base wide driller on site today to begin the destruction of the well we discovered during the revetment construction.
	10 loads of rad cleared/released concrete out to the B231 stockpile area

James Nores — CONTRACTOR/SUPERINTENDENT

8/30/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	30/AUG/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	052 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, Cool
PM WEATHER	Sunny, Mild
MAX TEMP (F)	70
MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/30/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 8/30/10 **TIME** 0600 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07 & 18, PARCEL B

TYPE OF WORK Take down fence along west perimeter. Continue with concrete flipping, begin cut along west boundary.

SAFETY TOPICS PRESENTED

SAFETY TOPICS NEW ACTIVITY DEXTRA OBSERVANT, LPO SPOT AWARD + DISCUSSION

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS ROCKS, UNEVEN SURFACES, TRAFFIC, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
VICENTE VALENCIA	ERRG	Vicente Valencia
Fernando Loza	ERRG	[illegible]
O OROZCO	ERRG	[illegible]
Villamin Velez	ERRG	[illegible]
Ken Mark	ERRG	[illegible]
Roberto Aguilera	ERRG	[illegible]
Boris Portillo	ERRG	Boris Portillo
Scott Wo[illegible]	ERRG-Hu[illegible]	[illegible]
Russell Jackson	HARRIS/ERRG	[illegible]
[illegible]	[illegible]	[illegible]
J. Cunningham	[illegible]	[illegible]
William Schmidt	ERRG	[illegible]
Liz Binning	ERRG	[illegible]
Tanner Bennett	ERRG	[illegible]
Heather Wollenburg	ERRG	[illegible]
LISA BROUSSARD	[illegible]	[illegible]
Paul Schafer	SCS Tracer	[illegible]
KARISA MILLER	10 ENVIRO	[illegible]

Health & Safety Officer DICK EPP **SUPERINTENDENT** JAMES NOVAS

SIGNATURE [illegible] **SIGNATURE** [illegible]

ERRG

TAILGATE SAFETY MEETING

DATE _____ **TIME** _____ **PROJECT NUMBER** _____

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JOHN SOURIAL	ERRG	
Gabriel Fuson	KLI	
Gary Whitley	WDC	
Javier Ruiz	WDC	
MARIO ACEVEDO	WDC	

Health & Safety Officer _____ **SUPERINTENDENT** _____

SIGNATURE _____ **SIGNATURE** _____

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	8/30/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0600 SAFETY TAILGATE — LPO SAT AWARD & DISCUSSION ABOUT SPOTTERS, NOW ACTIVITY (FENCE REMOVAL + TRENCH EXCAVATION)

FENCE OUT WITH SHORING, EXTENSION CORDS CUT @ FOUNDATION, AIR MONITOR IN RCA NEAR FENCE AT JUNCTION OF IR-07 & 18 NW END.

REMOVING PRIVACY SCREEN, FENCE WIRE & POSTS FROM PERIMETER FENCE ON NW SIDE OF SITE. TEMP FENCE OUTSIDE OF IT INSTALLED LAST WEEK. REMOVED BRUSH ALONG FENCE, BEGAN EXCAVATION.

HAULING CLEARED RUBBLE TO RECYCLE.

ASBESTOS TOTAL TOCK WITH RUBBLE SCREENING

WDC ON-SITE IN RCA CHECKING LOCATION OF WELL UNCOVERED DURING REVETMENT EXCAVATION.

EQUIPMENT IN USE: 1 LONG REACH EXCAVATOR, EXCAVATOR, BULLDOZER, SKID STEER, END LOADER, 2 DUMP TRUCKS, 3 WATER TRUCKS.

Signed: [signature] Date: 8/30/10

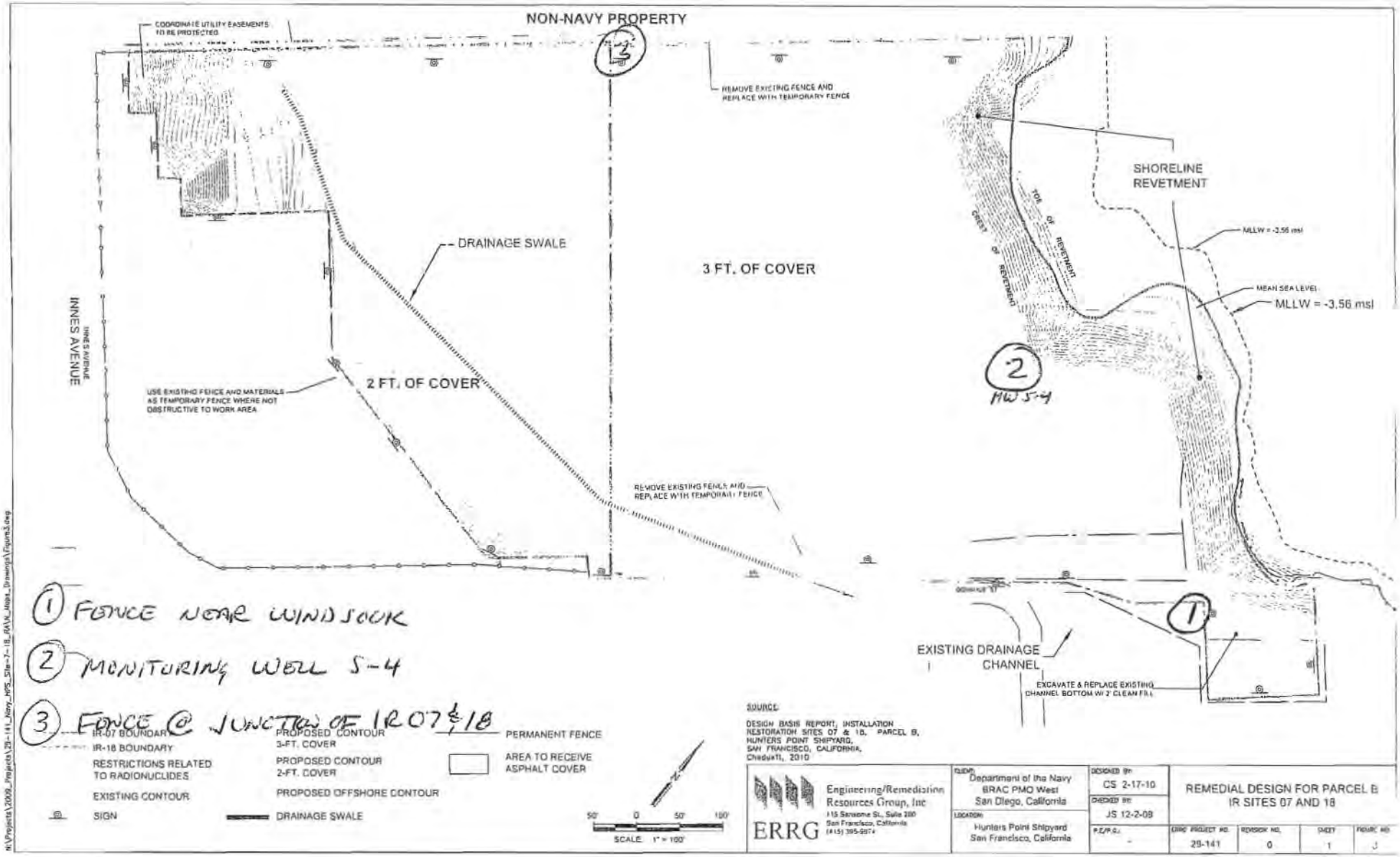
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 8/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC. ~~PID~~	Instrument TWA ~~DataRAM~~	Comments	dBA
#3	8/30/10	0624	0.036	0.035	10973	52.2
#2		0629	0.029	0.037	10972	60.9
#1		0633	0.020	0.014	10971	60.9
#3		0720	0.048	0.053	10973	70.3
#2		0731	0.041	0.046	10972	58.3
#1		0739	0.012	0.012	10971	58.4
#3		0953	0.020	0.038	10973	70.1
#2		0940	0.030	0.039	10972	57.7
#1		0942	0.000	0.005	10971	58.1
#3		1121	0.016	0.032	10973	69.1
#2		1125	0.023	0.025	10972	56.9
#1		1130	0.000	0.000	10971	57.7
#3	BATTERY DEAD	1410	—	—	10973	—
#2		1416	0.022	0.029	10972	—
#1	BATTERY DEAD	1418	—	—	10971	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW = -3.56 msl
MEAN SEA LEVEL
MLLW = -3.56 msl
DRAINAGE SWALE
3 FT. OF COVER
INNES AVENUE
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
2 FT. OF COVER
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
1
2
MW S-4
3
1 FENCE NEAR WINDSOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
50' 0 50' 100'
SCALE 1" = 100'
SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, Chadwell, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
(415) 395-9974
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.G.: -
REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1
FIGURE NO. J
N:\Projects\2009_Projects\29-141_Navy_HPS_Site-7-18_RA\N_Maps_Drawings\Figure3.dwg

ERRG

Incident Report Form (IRF)

Type of Incident (Select at least one)

- ☐ Injury/Illness
- ☐ Environmental/Permit Issue
- ☐ Restricted Duty
- ☑ Property Damage
- ☐ Near Miss
- ☐ Lost Time
- ☐ Spill/Release
- ☐ Recordable
- ☐ Other

General Information (Complete for all incident types)

Preparer's Name: Richard J. Epp

Date of Report: 9/1/10 Date of Incident: 8/27/10 - 8/29/10 Time of Incident: Unknown am/pm

Verbal Notification (Complete for all incident types)

ERRG PM/CM Notified: John Sourial Date 8/30/10 Time AM am/pm

Type of Activity (Provide activity being performed that resulted in the incident)

- ☐ Asbestos Work
- ☐ Confined Space Entry
- ☐ Construction Mgmt-Haz Waste
- ☐ Construction Mgmt – Non-Haz Waste
- ☐ Demolition
- ☐ Drilling Haz Waste
- ☐ Drilling-Non-Haz Waste
- ☐ Drum Handling
- ☐ Electrical Work
- ☐ Excavation Trench-Haz Waste
- ☐ Excavation Trench-Non Haz
- ☐ Facility Walk Through
- ☐ General Office Work
- ☐ Keyboard Work
- ☐ Laboratory
- ☐ Lead Abatement
- ☐ Motor Vehicle Operation
- ☐ Moving Heavy Object
- ☑ Other (Specify) Site perimeter fence breached during non-work hours
- ☐ Process Safety Management
- ☐ Tunneling
- ☐ Welding
- ☐ Wetlands Survey
- ☐ Working from Heights
- ☐ Working in Roadways
- ☐ WWTP Operation

Location of Incident (Select one)

- ☐ Company Premises: _____
- ☑ Field – Project/Site Name: HPS, IR-07, Parcel B Project No.: 29-141
  Location: Hunters Point, San Francisco, CA
- ☐ In Transit – Traveling from : _____ Traveling to: _____

Conditions: (Check all that apply)

Weather: Rain: [☐ Heavy ☐ Light] ☐ Snow ☐ Foggy ☐ Windy

Visibility: ☐ Sunny ☐ Cloudy ☐ Sunrise ☐ Sunset ☑ Night

Incident Investigation (Complete for all incident types)

Describe the Incident (Provide a brief description of the incident and how it occurred)

Crew noticed the temporary fence was disconnected and swung out, leaving a gap/breach. Further investigation discovered that 2 extension cords to the high-volume air sampler, located at Site 3 on the NW fence at the junction of IR-07 & 18, had been cut, unplugged and the 1 extension cord was missing.

Task Location: NA

Job/Task Assignment: NA

Specific Activity the employee was engaged in when the incident occurred:

Crews observed the breach first thing in the morning on Monday when they reached the fencline for routine work.

Activity was a Routine /Task: Yes ☑ No ☐

All equipment, materials, or chemicals the employee was using when the incident occurred:

n/a

Equipment Malfunction: Yes ☐ No ☑

Root Causes and Contributing Factors (**COMPLETE ROOT CAUSE ANALYSIS FORM**)

n/a

Describe how you may have prevented this injury:

n/a

Witnesses (Complete for all incident types):

Witness Information (First Witness)

Name: Russell Jackson

Employee Number (ERRG): Harris Blade

Address:

City:

Zip Code:

Phone:

Witness Information (Second Witness)

Name: Don Schmidt

Employee Number (ERRG):

Address:

City:

Zip Code:

Phone:

Property Damage (Complete for Property Damage incidents only):

Property Damaged: 2 extension cords Property Owner: SCS Engineers

Damage Description: 2 extension cords cut from units and 1 missing

Estimated Amount: $ 75

Spill or Release (Complete for Environmental/Permit Issue incidents only): None

Describe Environmental or Permit Issue:

Permit Type:

Permitted Level or Criteria (e.g., discharge limit):

Permit Name and Number (e.g., NPDES No. ST1234):

Substance and Estimated Quantity:

Duration of Permit Exceedence:

Injury information (Complete for Injury/Illness incidents only) None

If ERRG Employee injured Male ☐ Female ☐ Multiple Injuries/Illnesses ☐ (Add in Additional Comments below))

Employee Name: Employee Number: DOB: ____/____/____

Social Security #: Telephone Number: Marital Status:

Address (Number, Street, City, State, Zip):

Date of Hire: ____/____/____ Occupation (Job Title):

If ERRG Subcontractor employee injured

Employee Name: Company:

Subcontract Contract: Phone number:

Injury Type

- ☐ Allergic Reaction
- ☐ Amputation
- ☐ Asphyxia
- ☐ Bruise / Contusion / Abrasion
- ☐ Burn (Chemical)
- ☐ Burn / Scald (Heat)
- ☐ Cancer
- ☐ Carpal Tunnel
- ☐ Concussion
- ☐ Cut / Laceration
- ☐ Dermatitis
- ☐ Dislocation
- ☐ Electric Shock
- ☐ Foreign Body in eye
- ☐ Fracture
- ☐ Freezing / Frost Bite
- ☐ Headache
- ☐ Hearing Loss
- ☐ Heat Exhaustion
- ☐ Hernia
- ☐ Infection
- ☐ Irritation to eye
- ☐ Ligament Damage
- ☐ Multiple (Specify)
- ☐ Muscle Spasms
- ☐ Other (Specify)
- ☐ Poisoning (Systemic)
- ☐ Puncture
- ☐ Radiation /Effects
- ☐ Strain / Sprain
- ☐ Tendonitis
- ☐ Wrist Pain

Part of Body Injured

- ☐ Abdomen
- ☐ Ankle(s)
- ☐ Arms (Multiple)
- ☐ Back
- ☐ Blood
- ☐ Body System
- ☐ Buttocks
- ☐ Chest / Ribs
- ☐ Ear(s)
- ☐ Elbow(s)
- ☐ Eye(s)
- ☐ Face
- ☐ Finger(s)
- ☐ Foot / Feet
- ☐ Hand(s)
- ☐ Head
- ☐ Hip(s)
- ☐ Kidney
- ☐ Knee(s)
- ☐ Legs(s)
- ☐ Liver
- ☐ Lower (arms)
- ☐ Lower (legs)
- ☐ Lung
- ☐ Mind
- ☐ Multiple (Specify)
- ☐ Neck
- ☐ Nervous System
- ☐ Nose
- ☐ Other (Specify)
- ☐ Reproductive System
- ☐ Shoulder(s)
- ☐ Throat
- ☐ Toe(s)
- ☐ Upper Arm(s)
- ☐ Wrist(s)

Nature of Injury

- ☐ Absorption
- ☐ Bite / Sting / Scratch
- ☐ Cardio-Vascular / Respiratory
- ☐ System Failure
- ☐ Caught in or Between
- ☐ Fall (From Elevation)
- ☐ Fall (Same Level)
- ☐ Ingestion
- ☐ Inhalation
- ☐ Lifting
- ☐ Mental Stress
- ☐ Motor Vehicle Accident
- ☐ Multiple (Specify)
- ☐ Slip or Trip
- ☐ Other (Specify)
- ☐ Overexertion
- ☐ Repeated Motion / Pressure
- ☐ Rubbed / Abraded
- ☐ Shock
- ☐ Struck Against
- ☐ Struck By
- ☐ Work Place Violence

Initial Diagnosis / Treatment Date: _____

Type of Treatment

- ☐ Admission to hospital / medical facility
- ☐ Application of bandages
- ☐ Cold / Heat Compression / Multiple Treatment
- ☐ Cold / Heat Compression / One Treatment
- ☐ First Degree Burn Treatment
- ☐ Heat Therapy / Multiple Treatment
- ☐ Multiple (Specify) _____
- ☐ Heat Therapy / One Treatment
- ☐ Non-Prescriptive medicine
- ☐ None
- ☐ Observation
- ☐ Other (Specify) _____
- ☐ Prescription – Multiple dose
- ☐ Prescription – Single dose
- ☐ Physical Therapy
- ☐ Removal of foreign bodies
- ☐ Skin Removal
- ☐ Soaking therapy – Multiple Treatment
- ☐ Soaking Therapy – One Treatment
- ☐ Stitched / Sutures
- ☐ Tetanus
- ☐ Treatment for infection
- ☐ Treatment of 2nd / 3rd degree burns
- ☐ Use of Antiseptic – multiple treatment
- ☐ Use of Antiseptic – single treatment
- ☐ Whirlpool bath therapy / multiple treatment
- ☐ Whirlpool therapy / single treatment
- ☐ X-rays negative
- ☐ X-rays positive / treatment of fracture

Number of days doctor required employee to be off work: _____

Number of days doctor restricted employee's work activity: _____

Physician Information

Name: _____

Address: _____

City: _____

Zip Code: _____

Phone: _____

Hospital Information

Name: _____

Address: _____

City: _____

Zip Code: _____

Phone: _____

Additional Comments:

ERRG notified their RAD subcontractor, TetraTech EC, Inc. once the breach was relayed to construction management staff. The fence was immediately re-placed to secure. Extension cords were replaced at high-volume air sampling unit (Site #3) and the unit restarted after approximately a 2-3 hour delay. Security was increased to all hours ERRG is not present at the site and the area of surveillance was also increased to include the laydown area, equipment present, and air sampling units.

Reviewed By: Heather Wollenburg Date: 9/1/10

Approved By: Edward Grooman, H&S Manager Date: 9/1/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: August 30, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-117 through ERRG-A-IR07-118). A total of 72 pieces were surveyed. In addition, 72 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-114 through ERRG-A-IR07-116. No activity above the release criteria was identified in these surveys.
- To date, 2124 pieces of shoreline debris have been surveyed for free release with 109 pieces not meeting the free release criteria and will be disposed of as LLRW.
- Collected systematic and biased soil samples from Screening Unit 3.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 30/AUG/10

REPORT NO 052

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Removed privacy screen and signage from existing northwest property fence, installed signage on temporary fence, removed existing fence
	along northwest property line, started demolishing power poles designated to be removed, cleared/grubbed vegetation and started cutting cover
	tie-in cut along northwest property line, verified that activities performed conformed to the site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, conducted systematic and biased sampling of the 3rd radiological survey unit on the rad pad.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
	This morning, ERRG discovered that temporary fence near the northwest corner of the shoreline was detached from the existing permanent fence to
	allow for unauthorized access to the RCA. Also, the extension cords on Air Station 3 had been cut and removed from the site. ERRG notified
	TtEC that there had been a breach in their RCA and the RPM, ROICC and RSO of the security issue. The vandalized portion of the fence was
	repaired and secured and new extension cords were installed at the Air Station.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

8/30/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 8/30/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Started removing fence along northwest property line on 8/30/2010.

Requirement	Phase	Yes	No	N/A	Comments
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 8/30/2010

Shoreline Excavation and Revetment

Date: 8/30/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 8/30/2010

Photo 1: Site Clearing and Demolition – Removal of privacy screen from existing fence on northwest property boundary prior to fence deconstruction.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 30, 2010

Photo 2: Site Clearing and Demolition – Removal of existing fence along northwest property line.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: August 30, 2010

Photo 3: Site Clearing and Demolition – Removal of existing power poles.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Heather Wollenburg (ERRG, Inc.) Date: August 30, 2010

Photo 4: Site Clearing and Demolition – Cutting along the northwest property line in preparation for cover tie-in to neighboring property.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 30, 2010

Photo 5: Radiological Screening and Remediation – Systematic and biased sampling of 3rd survey unit of shoreline excavation spoils on the rad pad.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: August 30, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	31/AUG/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	053
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, mild
PM WEATHER	Sunny, Hot
MAX TEMP (F)	80
MIN TEMP (F)	63

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on removing the remainder of the privacy screen from the west	ERRG	0	Superintendent	
	perimeter fence and the east perimeter fence, removing the chain link and posts	ERRG	1	Construction Manager	4
	from the west perimeter fence. Crew working on making the cut along the	ERRG	1	Project Manager	8
	west perimeter- place the excavated material on the rad pad. Crew continue	ERRG	1	QC Manager	8
	assisting Tetra Tech with placing and flipping concrete debris on the debris	ERRG	1	Tech Lead	8
	screening strips.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	5	Equipment Operators	39
		ERRG	6	Laborers	20
		ERRG	4	Truck Drivers	21
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	156
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7846.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	8002.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	Base wide driller on site today to finish the destruction of the well we discovered during the revetment construction.
	CQC meeting today at 1300

James Nores — CONTRACTOR/SUPERINTENDENT

8/31/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	31/AUG/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	053 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, mild
PM WEATHER	Sunny, Hot
MAX TEMP (F)	80
MIN TEMP (F)	63

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

8/31/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 8/31/10 **TIME** 0600 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07+18, Parcel B

TYPE OF WORK

SAFETY TOPICS PRESENTED

SAFETY TOPICS EXCAVATION, EQUIPMENT, WATER

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
DAVID HASAK	ERRG	David Hasak
Boris Parfitt	ERRG	Boris Parfitt
William West	ERRG	[illegible]
Rubenlo Hombra	ERRG	[illegible]
Scott Wright	HARRIS/ERRG	[illegible]
[illegible]	GRE	[illegible]
VICENTE VALENCIA	ERRG	[illegible]
Ken Mair	ERRG	[illegible]
JOHN SOLIGAL	ERRG	[illegible]
William Schmidt	ERRG	[illegible]
RUSSELL JACKSON	HARRIS/ERRG	[illegible]
Liz Binning	ERRG	[illegible]
Ty Affi	ERRG	[illegible]
Fernando Loza	ERRG	[illegible]
Tanner Bennett	ERRG	[illegible]
Gabriel Fuson	KLI	Gabriel Fuson
Gary Whitley	WDC	[illegible]
MARIO ACEVEDO	WDC	[illegible]
Javier Ruiz	WDC	[illegible]

Health & Safety Officer Dick Emp **SUPERINTENDENT** Ty Affi

SIGNATURE [illegible] **SIGNATURE** [illegible]

ERRG

TAILGATE SAFETY MEETING

DATE _____ **TIME** _____ **PROJECT NUMBER** _____

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
LUIS M PENA	TTECI	
SAM HO	TTECI	
Milton Pozo	NATIONAL RETS	Milton Pozo
ALFONSO LOPEZ	National Aent Force	
KARISA MILLER	10 ENVIRO	
Heather Wollenburg	ERRG	

Health & Safety Officer _____ **SUPERINTENDENT** _____

SIGNATURE _____ **SIGNATURE** _____

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	8/31/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	OVERCAST	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0800 SAFETY TAILGATE – NEW ACTIVITIES TRENCHING ON BOUNDARY, PULLING FENCE & BE OBSERVANT AROUND YOU, HANDLING DEBRIS IN NEW AREA, DRILLING AT NE END OF SHORELINE.

REMOVING FENCE, OLD LIGHT POLES, EXCAVATING BOUNDARY SLOPE AREA.

ASSISTING TETRA TECH WITH RUBBLE SCANNING.

DRILLING RIG COMPLETED THEIR WORK.

EXCAVATING TRANSITION ON NW SIDE OF PROPERTY IN IR-07 & 18.

EQUIPMENT IN USE: 1 LIGHT STAND, 3 WATER TRUCKS, 2 DUMP TRUCKS, 1 LONG REACH EXCAVATOR, EXCAVATOR, AND LOADER, BACKHOE, SKID STEER.

Signed: RJ Epp Date: 8/31/10

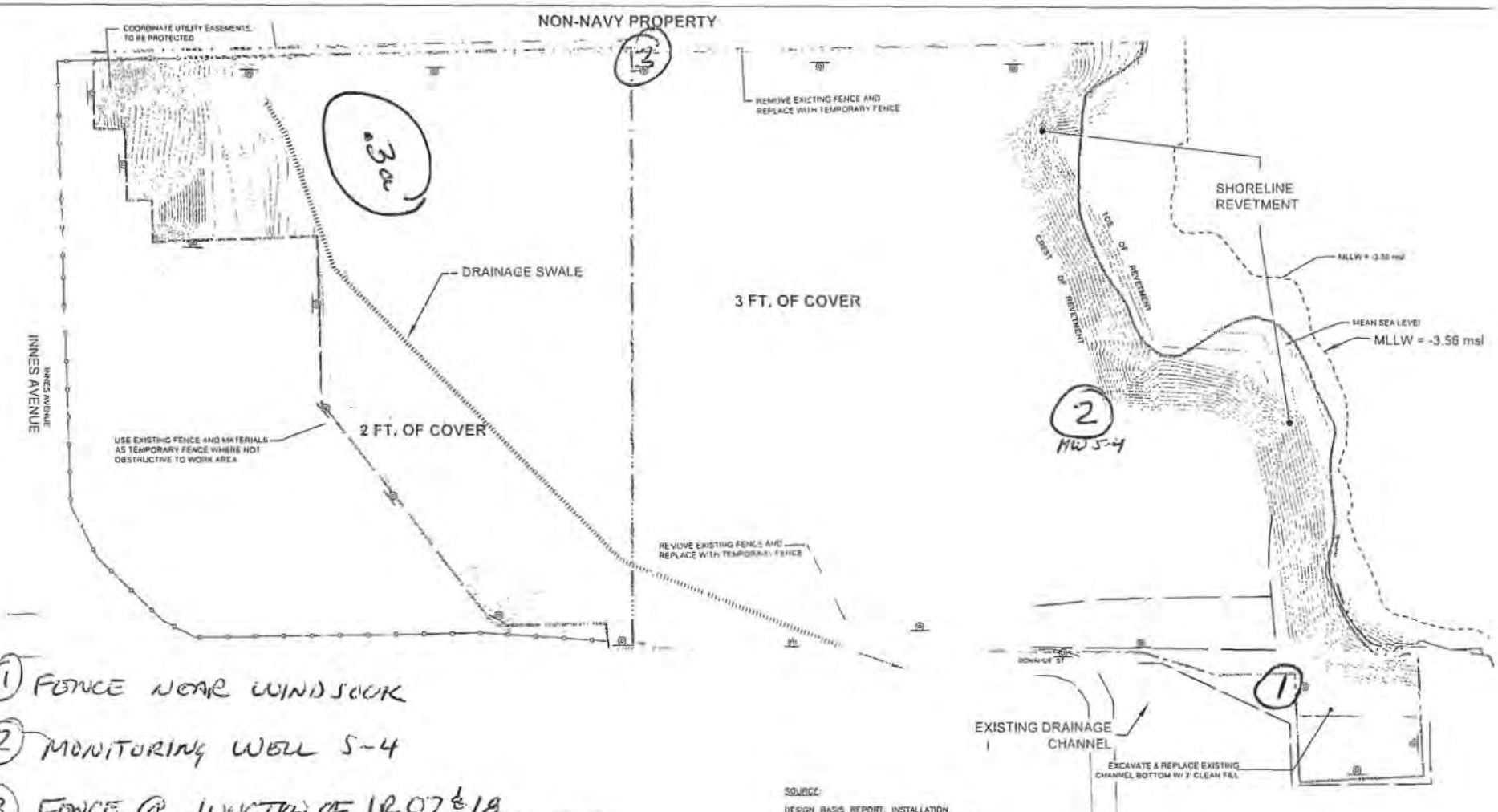
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GOP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 8/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Conc. Instrument ~~PID~~	TWA DataRAM	Comments	dBA
#3	8/31/10	0623	0.016	0.015	10973	62.5
#2		0627	0.020	0.027	10972	63.8
#1		0633	0.000	0.000	10971	57.2
#3		0812	0.025	0.024	10973	64.0
#2		0816	0.038	0.035	10972	71.4
#1		0819	0.000	0.000	10971	60.5
#3 MOVED TO MID IR-18	#3 a.	1018	0.022	0.024	10973	—
#2		1022	0.019	0.036	10972	68.9
#1		1027	0.000	0.000	10971	63.8
#3		1220	0.017	0.021	10973	@ house 62.7
#2		1231	0.020	0.029	10972	65.4
#1		1235	0.000	0.000	10971	61.3
#3		1420	0.000	0.000	10973	—
#2		1425	0.016	0.028	10972	—
#1 BATTERY DOOR		1428	—	—	10971	—



1 FENCE NEAR WINDSOCK

2 MONITORING WELL 5-4

3 FENCE @ JUNCTION OF IR 07 & 18

IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER

SCALE: 1" = 100'

SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA. ChaduxTI, 2010

ERRG Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 200
San Francisco, California
(415) 395-9974

CLIENT: Department of the Navy BRAC PMO West San Diego, California

LOCATION: Hunters Point Shipyard San Francisco, California

DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.G.: -

REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18

ERRG PROJECT NO.	REVISION NO.	SHEET	FIGURE
29-141	0	1	J

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: August 31, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-119 through ERRG-A-IR07-121). A total of 108 pieces were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary survey performed on the concrete pieces for survey ERRG-A-IR07-117. No activity above the release criteria was identified in this survey.
- To date, 2178 pieces of shoreline debris have been surveyed for free release with 109 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 31/AUG/10

REPORT NO 053

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Removed privacy screen and signage from existing northwest property fence, installed signage on temporary fence, finished removing existing fence
	along northwest property line, cleared/grubbed vegetation along northwest property boundary, continued cutting cover tie-in along northwest
	property line, verified that activities performed conformed to the site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

8/31/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 8/31/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Started trackwalking the shoreline on 7/7/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Started removing existing rad pad materials from RCA on 7/22/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line on 8/30/2010 – 8/31/2010.

Requirement	Phase	Yes	No	N/A	Comments
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 8/31/2010

Shoreline Excavation and Revetment

Date: 8/31/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	8/31/2010

Photo 1: Site Clearing and Demolition – Removal of existing fence along northwest property line.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: August 31, 2010

Photo 2: Site Clearing and Demolition – Cutting along the northwest property line in preparation for cover tie-in to neighboring property.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: August 31, 2010

Photo 3: Site Clearing and Demolition – Cutting along the northwest property line in preparation for cover tie-in to neighboring property.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: August 31, 2010

Photo 4: Site Clearing and Demolition – Klienfelder onsite abandoning the well uncovered during shoreline excavation near section J.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: August 31, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 01/SEP/10
		REPORT NO: 054
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, mild	Sunny, Hot	80	63

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on making the cut along the western perimeter boundary- place	ERRG	1	Superintendent	10
	excavated material onto the rad pad. Crew working on cutting light poles off	ERRG	1	Construction Manager	4
	below ground surface- removed poles placed onto the LLRW debris stockpile	ERRG	1	Project Manager	0
	removed lights and ballasts placed in a stockpile for disposal into the Tetra	ERRG	1	QC Manager	8
	Tech universal waste bins. Crew working on placing concrete debris onto	ERRG	1	Tech Lead	5
	debris screening strips. Crew working on loading out the remainder of the	ERRG	1	H&S Officer	8
	pea gravel/AB from the former rad screening pads and transporting it to the	ERRG	2	QC Staff	16
	Tetra Tech stockpile near the former pickling tank.	ERRG	5	Equipment Operators	39
		ERRG	5	Laborers	15
		ERRG	3	Truck Drivers	19
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 148
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 8002.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 8150.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/1/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	01/SEP/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	054 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, mild
PM WEATHER	Sunny, Hot
MAX TEMP (F)	80
MIN TEMP (F)	63

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/1/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/1/10 **TIME** 0600 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07 + 18, PARCEL B

TYPE OF WORK EXCAVATION ON PERIMETER, WORKING RUBBLE SCANNING

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, MOVING LOCATIONS & NON ACTIVITY, WET SURFACES - SLIPPERY

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN SURFACES, EQUIPMENT, TRAFFIC, WATER

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Ken Mark	ERRG	[signature]
William Schmidl	ERRG	[signature]
VICENTE VALENCIA	ERRG	[signature]
Roberto Aguilera	ERRG	[signature]
Sharon Gallagher	NWT	[signature]
LISA BROUSSARD	NWT	[signature]
Scott Worthington	Harris/ERRG	[signature]
FERNANDO LOZA	ERRG	[signature]
Boris Portillo	ERRG	[signature]
RUSSELL JACKSON	HARRIS/ERRG	[signature]
Villamil [illegible]	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
Tanner Bennett	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Karisa Miller	10 ENVRO	[signature]

Health & Safety Officer Dick Epp **SUPERINTENDENT**

SIGNATURE [signature] **SIGNATURE**

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	9/1/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0600 SAFETY TAILGATE – INTERACTION BETWEEN EQUIPMENT + PEOPLE, WET SURFACES

CONTINUE PERIMETER EXCAVATION & DEBRIS REMOVAL. EXCAVATED DIRT TO SCANNING PAD. CONTINUED ON NEW FENCE.

ASSISTING TETRA TECH WITH BUBBLE SCANNING.

PULLED FENCE ALONG DONAHUE ST, GRADING FOR CAP.

HAULED LAST OF PEA GRAVEL TO TETRA TECH

EQUIPMENT IN USE: 3 WATER TRUCKS, 1 LONG REACH EXCAVATOR, EXCAVATOR, 2 DUMP TRUCKS, SKID STEER, END LOADER, BACKHOE, BULLDOZER, LIGHT STAND

Signed: RG Epp Date: 9/1/10

AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 8/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIRBAG

Location	Date	Time	Instrument: Core ~~PID~~	Instrument: TUM ~~DataRAM~~	Comments	dBA
#3a	9/1/10	0626	0.021	0.028	10973	57.6
#2		0630	0.043	0.061	10972	58.2
#1		0631	0.025	0.027	10971	65.7
#3a		0800	0.045	0.033	10973	63.7
#2		0805	0.037	0.042	10972	60.9
#1		0810	0.000	0.008	10971	—
#3a		0917	0.017	0.027	10973	71.5
#2		0943	0.017	0.034	10972	58.1
#1		0947	0.020	0.000	10971	56.1
#3a MOVED TO 3b. ON FENCE		1115/20	0.015	0.023	10973	66.6
#2		1125	0.024	0.030	10972	—
#1		1130	0.000	0.000	10971	—
#3b DROPPED IT IN THE DIRT		1400	—	—	10973	—
#2		1405	0.015	0.024	10972	60.9
#1 BATTERY DEAD		1410	—	—	10971	—

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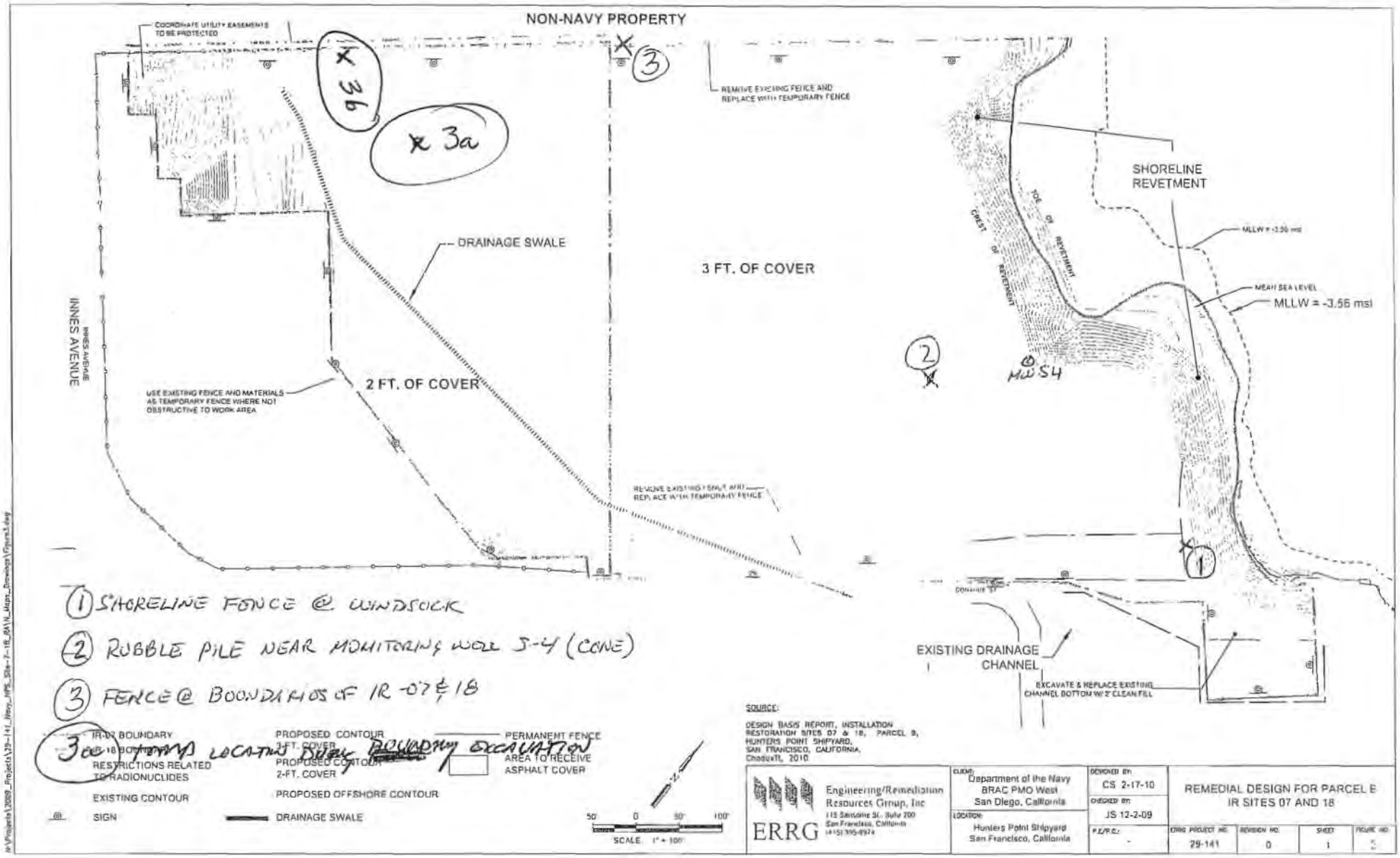


TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 1, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-122 through ERRG-A-IR07-125). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-118 through ERRG-A-IR07-120. No activity above the release criteria was identified in these surveys.
- To date, 2250 pieces of shoreline debris have been surveyed for free release with 109 pieces not meeting the free release criteria and will be disposed of as LLRW.
- Collected systematic and biased soil samples from Screening Unit 4.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 1/SEP/10

REPORT NO 054

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Removed demolished fencing debris from northwest property boundary, continued cutting cover tie-in along northwest property line,
	continued removing power poles, finished removing deconstructed rad pad material from RCA and stockpiled offsite by the former pickling
	tank in Parcel G, verified that activities performed conformed to the site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, conducted systematic and biased sampling of the 4th radiological survey unit on the rad pad.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/1/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/1/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line on 8/30/2010 – 8/31/2010.

Requirement	Phase	Yes	No	N/A	Comments
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/1/2010

Shoreline Excavation and Revetment

Date: 9/1/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	9/1/2010

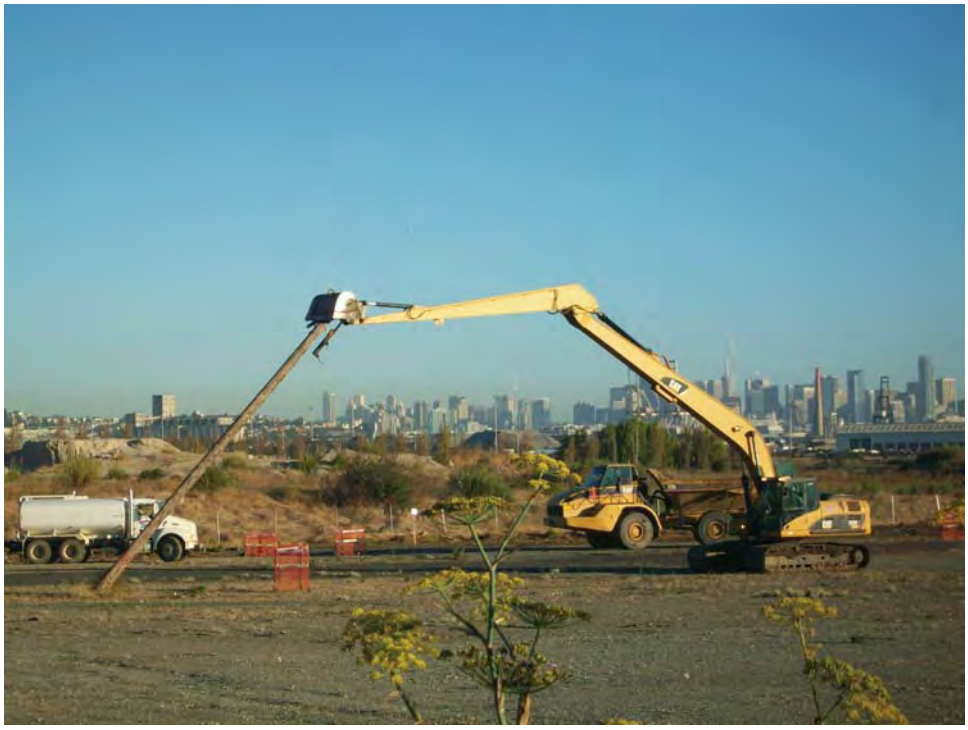


Photo 1: Site Clearing and Demolition – Removal of existing power poles within the site boundary.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 1, 2010

Photo 2: Site Clearing and Demolition – Removal of permanent perimeter fence from northwest property line in preparation for cover tie-in to neighboring property.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 1, 2010

Photo 3: Site Clearing and Demolition – Cutting along the northwest property line in preparation for cover tie-in to neighboring property.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 1, 2010

Photo 4: Site Clearing and Demolition – Grading in 3:1 slope along the northwest property line in preparation for cover tie-in to neighboring property.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 1, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 02/SEP/10
		REPORT NO: 055
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Clear, mild	PM WEATHER: Sunny, Hot	MAX TEMP (F): 80 / MIN TEMP (F): 63

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew continue working on the eastern perimeter tie in cut, place excavated	ERRG	1	Superintendent	10
	material onto the rad pad. Crew working ahead of the excavating crew	ERRG	1	Construction Manager	8
	removing vegetation- stage removed veg by the LLRW bins. Crew working	ERRG	1	Project Manager	0
	with Tetra Tech loading out cleared concrete from the debris screening	ERRG	1	QC Manager	8
	strips and placing debris to be screened.	ERRG	1	Tech Lead	0
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	5	Equipment Operators	39
		ERRG	6	Laborers	16
		ERRG	4	Truck Drivers	25
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	154
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8150.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	8304.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	9 loads of cleared concrete out to the B231 stockpile area.

James Nores — CONTRACTOR/SUPERINTENDENT

9/2/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	02/SEP/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	055 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, mild
PM WEATHER	Sunny, Hot
MAX TEMP (F)	80
MIN TEMP (F)	63

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/2/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/2/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07+18, PARCEL B

TYPE OF WORK Continue Cut Along east perimeter fence, Continue w/ concrete spreadout rad pad dirt

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT CHECK SHEET,

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS ROCKS, UNEVEN SURFACES, SLOPES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
OSCAR OROZCO	ERRG	[illegible]
Viliamu Luiat	ERRG	[illegible]
Roberto Aguilera	ERRG	[illegible]
FERNANDO LOZA	ERRG	[illegible]
VICENTE VALENCIA	ERRG	[illegible]
William Schmidt	ERRG	[illegible]
DAVID HASAL	ERRG	David Hasal
Adam Berry	TTCI	[illegible]
JOE CUNNINGHAM	NWT	[illegible]
LISA BROUSSARD	NWT	[illegible]
Sharon Gallagher	NWT	[illegible]
Ken Mark	ERRG	K Mark
JAMES NORES		
Scott Wortley	HWD/ERRG	
RUSSELL JACKSON	HARRIS/ERRG	[illegible]
Boris Portillo	ERRG	Boris Portillo
Tanner Bennett	ERRG	[illegible]
Shannon MacKenzie	KLI	Shannon MacKenzie

Health & Safety Officer Dick Lopp **SUPERINTENDENT** James Nores

SIGNATURE [illegible] **SIGNATURE** [illegible]

ERRG

TAILGATE SAFETY MEETING

DATE 9-2-10 TIME — PROJECT NUMBER 29-141

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Gary Whitley	WDC	[signature]
Javier Ruiz	WDC	[signature]
MARIO ACEVEDO	WDC	MX
Liz Binning	ERRG	[signature]
Shanti Montgomery	TTEC	[signature]
Justin Hubbard	TTECI.	Justin Hubbard
JACOB JOAB	SEALASKA ENVIRONMENTAL SVCS.	[signature]
Pierre Arnaud	Sophtronic	[signature]
Rowan Tucker	ERRG	[signature]
Ty APM	ERRG	[signature]

Health & Safety Officer _____ SUPERINTENDENT _____

SIGNATURE _____ SIGNATURE _____

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	9/2/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – EQUIPMENT INSPECTIONS, EAR PLUGS @ WATER TRUCK

CONTINUING PERIMETER EXCAVATION ON SE FENCELINE & NW FENCE LINE.

HAULING CLEARED RUBBLE TO RECYCLE.

ASSISTING TETRA TECH WITH RUBBLE SCREENING.

KLT ON SITE, DECONNING AUGER FROM DRILLING.

SES ON SITE SPOTTING A WELL LOCATION TO BE DRILLED.

EQUIPMENT IN USE: 3 WATER TRUCKS, 2 DUMP TRUCKS, 1 LONG REACH EXCAVATOR, EXCAVATOR, END LOADER, SKID STEER, LIGHT STAND, BULLDOZER, BACKHOE

Signed: [signature] Date: 9/2/10

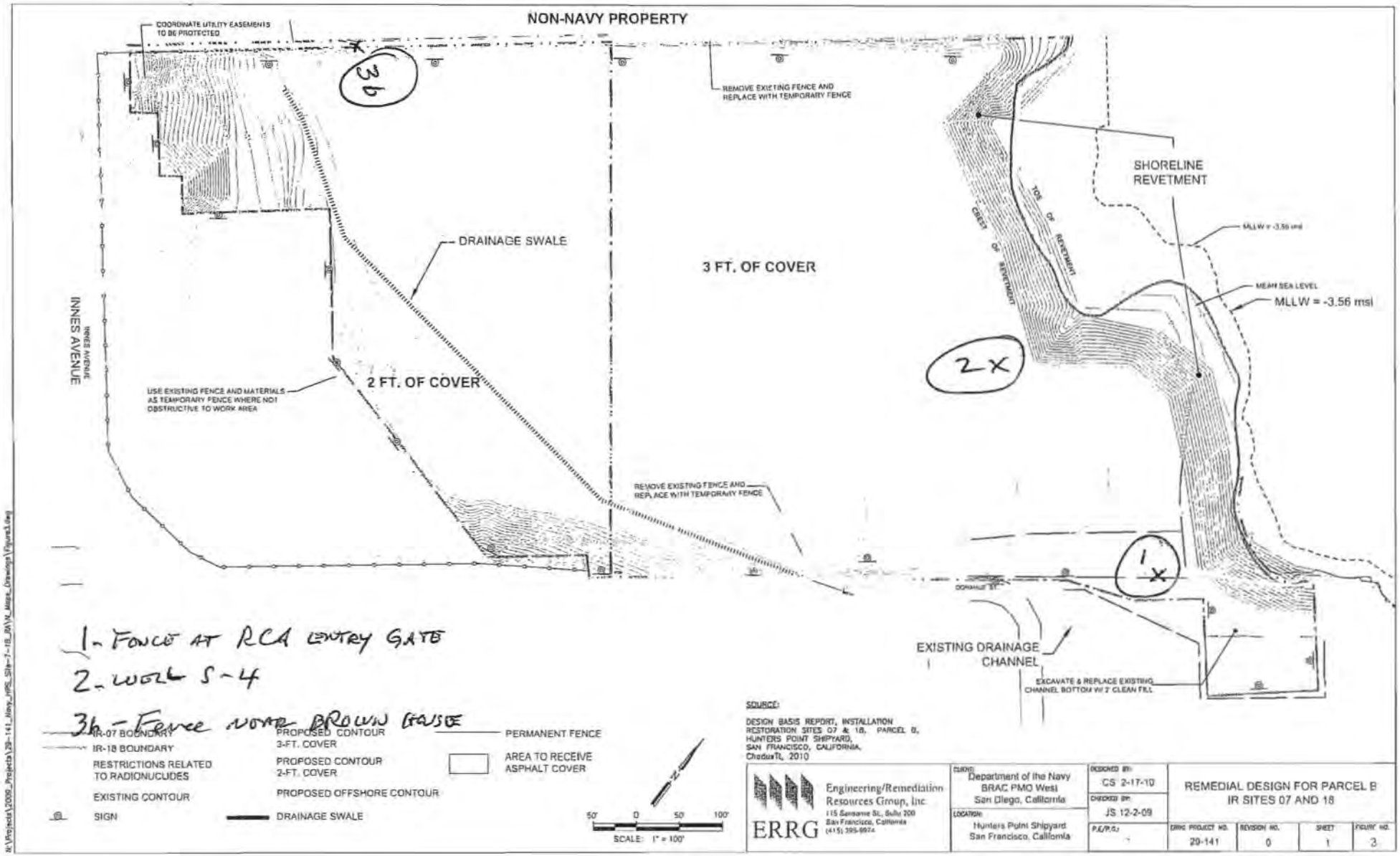
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EDP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/1/10 @ 1500

Client: US ARMY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument: CAVE ~~PID~~	Instrument: TWA ~~DataRAM~~	Comments	dBA
#36	9/2/10	0742	0.030	0.029	10973	53.6
#2		0752	0.030	0.032	10972	69.8
#1		0757	0.036	0.041	10971	61.8
#36		0949	0.026	0.029	10973	54.3
#1		0957	0.012	0.030	10971	63.7
#2		1232	0.029	0.028	10972	64.7
#1		1240	0.022	0.027	10971	62.2
#3		1423	0.013	0.022	10973	74.1
#2		1438	0.012	0.025	10972	66.6
#1 BATTERY DEAD		1445	—	—	10971	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW = -3.56 msl
MEAN SEA LEVEL
MLLW = -3.56 msl
DRAINAGE SWALE
3 FT. OF COVER
INNES AVENUE
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
3b
2X
1X
1- FENCE AT RCA ENTRY GATE
2- WORK S-4
3b- FENCE NOW BROWN HOUSE
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
50' 0 50' 100'
SCALE: 1" = 100'
SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, ChadwellTL, 2010
ERRG
Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 200
San Francisco, California
(415) 395-9974
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.G.:
REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1
FIGURE NO. 3

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: BACKHOE **Identification Number:** UT6D64

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/30/10			8/30/10			9/1/10 mk			9/2/10 RK						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Tracks	☐	☐	☐	☐	☐	☐	☐	✓	✓	☐	☐	✓	☐	☐	☐	
Steps and handgrips	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Guards on moving parts?	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Engine belts and hoses	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☐	☐	☐	☐	☐	✓	✓	☐	☐	☐	☐	☐	
Seat belt operative?	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Fire extinguisher present?	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☐	☐	☐	✓	✓	☐	☐	☐	☐	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Battery charged?	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Horn operative?	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Back up alarm operative?	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Steering and other controls	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Brakes	☐	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	

Explain corrective actions taken: All Bolts on cutting Edge Loose

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Generator **Identification Number:** 814776 site#3

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/30/10 WS			8/31/10 WS			9/1/10 WS			9/2/10 WS						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Guards on moving parts?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Seat belt operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Fire extinguisher present?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Horn operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Back up alarm operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Lights and signals operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steering and other controls	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Brakes	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	

Explain corrective actions taken: Refueled 8/31; 9/2/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Generator **Identification Number:** 8153336 site #1

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	8/30/10 WS			8/31/10 WS			9/1/10 WS			9/2/10 WS						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Guards on moving parts?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☑	☐	☐	☐	
Fluid levels acceptable?	☐	☑	☐	☑	☐	☐	☑	☐	☐	☐	☐	☑	☐	☐	☐	needs oil
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Seat belt operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Fire extinguisher present?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Horn operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Back up alarm operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Lights and signals operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steering and other controls	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Brakes	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	

Explain corrective actions taken: added less than 1 quart oil on 8/31/10 0615.
Refueled on 8/31/10, 9/2/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: D6N LGP **Identification Number:** JV6N73

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	RT 8/30/10			RT 8/31/10			9/01/10 RT			9/02/10 RT						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Tracks	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Steps and handgrips	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Guards on moving parts?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Engine belts and hoses	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Fluid levels acceptable?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Seat belt operative?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Fire extinguisher present?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Gauges operative?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Battery charged?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Windshield wipers operative?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Horn operative?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Back up alarm operative?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Lights and signals operative?	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Steering and other controls	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Brakes	✓	☐	☐	☐	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 325 LONG REACH **Identification Number:** AJ6C47

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	RJ 8-30-10			9-01-10 RJ			9-02-10 RJ									Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: HARRIS BLADE WT **Identification Number:** 8E7232U

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	**Heavy Equipment Defects**															
	00 8-30-10			00 8-31-10			9-1-10 FL			9-02-10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	**Defect(s):**
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	LEFT SIDE DAMAGED
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 2K WATER TRUCK **Identification Number:** UNITED RENTALS 854457

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8-30-10 FL			8-31-10 FL			9-1-10 RA			9-2-10 RA						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: MISSING MUD FLAP, HOSE NOZZLE BROKEN/GONE

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200C Excavator **Identification Number:** BL7X87

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/30 BP			8/31 BP			9/1 BP			9/2 BP						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	
Tracks	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	Small leak on
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	main Hydralic Hos
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Brakes	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Harris Blade Water Truck 4000 Gal **Identification Number:** CBSD 163

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	Mon 8/30			Tues 8/31			Wed 9/1			Thur 9/2			Fri 9/3			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☐	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☑	☐	☑	☑	☐	☑	☑	☐	☑	☑	☐	☐	☐	☐	Short in lights
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: Mon dead battery, Jump start OK

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 322 LONG REACH **Identification Number:** FP7H58

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	**Heavy Equipment Defects**															
	8/30/10 RJ															**Defect(s):**
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

854497

Equipment Type: WATER TRUCK **Identification Number:** UNITED RENTALS

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	[illegible]	[illegible]	8/[illegible]/10	[illegible]	[illegible]	8/[illegible]/10	8-25-10 FL		[illegible]	8-26-10 FL		[illegible]	8-27-10 FL		[illegible]	
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☐	☐	☑	☐	☐	☑	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Off ROAD **Identification Number:** M15113

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	MON WILL			TUE WILL			WED WILL			THUR WILL						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	NOT WORKING
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	

Explain corrective actions taken: WINDSHIELD WIPERS IS NOT WORKING. DATE 9/2/10 TIME

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 950 H wheel loader **Identification Number:** 950 H PX6536 L-2

Project Number / Name: 29-141, HPNS IR07/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8/30/10			8/31/10			9/1/10			9/2/10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: HARRYS OFF ROAD DUMP TRUCK **Identification Number:** M15397 XF4579

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 8-30-10			FL 8-31-10			FL 9-1-10			FL 9-2-10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Tracks	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Steps and handgrips	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Guards on moving parts?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Engine belts and hoses	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Fluid levels acceptable?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Seat belt operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Fire extinguisher present?	☐	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Gauges operative?	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	FUEL GAUGE DON'T WORK
Battery charged?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Windshield wipers operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Horn operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Back up alarm operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Lights and signals operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Steering and other controls	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Brakes	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SKID STEER **Identification Number:** DB3559

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	8-30-10 RA			8-31-10 RA			9-1-10 RA			9-2-10 RA						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☑	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 2, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- An ancillary survey was performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-126). A total of 36 pieces were surveyed. In addition, 36 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-121, ERRG-A-IR07-122, and ERRG-A-IR07-124. No activity above the release criteria was identified in surveys ERRG-A-IR07-122 and ERRG-A-IR07-124. For survey ERRG-A-IR07-121, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-121-006	to be designated
ERRG-A-IR07-121-012	to be designated

- Collected systematic and biased soil samples from Screening Unit 5.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 02/SEP/10

REPORT NO 055

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Demolished and removed fencing from southeast property boundary, cleared and grubbed southeast property line, started cutting cover tie-in
	along southeast property line, verified that activities performed conformed to the site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231,
	conducted systematic and biased sampling of the 5th radiological survey unit on the rad pad.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
04	Damaged concrete chaseway cover while stockpiling concrete near building 231. Installed temporary barricades around damage and will
	install metal trench plate over hole next week.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/2/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/2/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010.

Requirement	Phase	Yes	No	N/A	Comments
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line on 8/30/2010 – 8/31/2010. Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/2/2010

Shoreline Excavation and Revetment

Date: 9/2/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10 and 8/10/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10 and 8/10/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	9/2/2010

Photo 1: Site Clearing and Demolition – Removal of permanent perimeter fence from southeast property line in preparation for cover tie-in to existing asphalt road.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 2, 2010

Photo 2: Site Clearing and Demolition – Cutting along the southeast property line in preparation for cover tie-in to existing asphalt road.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 2, 2010

Photo 3: Site Clearing and Demolition – Grading in 3:1 slope along the southeast property line in preparation for cover tie-in to existing asphalt road.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 2, 2010

Photo 4: Radiological Screening and Remediation – Broken chaseway near rad cleared concrete next to building 231.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 2, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 07/SEP/10
		REPORT NO: 056
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Clear, mild	PM WEATHER: Sunny, warm	MAX TEMP (F): 70 / MIN TEMP (F): 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew continue working on the eastern and western perimeter tie in cuts, place	ERRG	1	Superintendent	8
	excavated material onto the rad screening pads.	ERRG	1	Construction Manager	8
	Crew working on placing/flipping concrete debris on the debris screening strips	ERRG	1	Project Manager	0
	Crew working on finishing the decon of the Cat 322 loader.	ERRG	1	QC Manager	8
	Walk perimeter fence today to inspect for any unauthorized access over the	ERRG	1	Tech Lead	0
	long weekend.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	5	Equipment Operators	39
		ERRG	6	Laborers	17
		ERRG	4	Truck Drivers	24
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 152
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 8304.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 8456.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	010	1 roll of Terra Tex Fabric

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	Harris Blade	Cat 322 Long Reach	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/7/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	056 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, mild	
PM WEATHER	Sunny, warm	
MAX TEMP (F)	70	
MIN TEMP (F)	58	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/7/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/7/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07 & 18, Parcel B

TYPE OF WORK Continue making perimeter cut, continue concrete flipping, placing, loading out bins.

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, ROCKS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNKNOWN SURFACES, ROCKS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
VICENTE VALENCIA	ERRG	[signature]
Viliana Lugat	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Roberto Aguilar	ERRG	[signature]
William Schmidt	ERRG	[signature]
OSCAR OROZCO	ERRG	[signature]
Ken Mack	ERRG	[signature]
Boris Forhill	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
Tanner Bennett	ERRG	[signature]
Scott Wright	Harris/ERRG	[signature]
RUSSELL JAMESON	HARRIS/ERRG	[signature]
LISA BROUSSARD	NWT	[signature]
Sharon Gallagher	NWT	[signature]
Shanti Montgomery	TTEC	[signature]
Liz BINNING	ERRG	[signature]
Justin Hubbard	TTEC	[signature]
JOHN HOWLAND	UNITED RENTALS	[signature]

Health & Safety Officer Dick Epp **SUPERINTENDENT** James Nores

SIGNATURE [signature] **SIGNATURE** [signature]

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	9/7/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR to CLOUDY	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – BACK AFTER 4 DAY WEEKEND, REFOCUS ON WORK
STAY OFF ROCKS, WATCH EQUIPMENT & PEOPLE AROUND EQUIP., UNEVEN SURFACES & WET.

CONTINUING EXCAVATION ALONG NW FENCE LINE & SE FENCE LINE.

ASSISTING TETRA TECH WITH BUBBLE SCANNING.

DECONNING LONG REACH FOR REMOVAL FROM SITE.

UNITED RENTAL MECHANIC ON SITE TO REPAIR LIGHT STAND.

EQUIPMENT IN USE: 3 WATER TRUCKS, 2 DUMP TRUCKS, BACKHOE,
LONG REACH EXCAVATOR, EXCAVATOR, END LOADER, SKIDSTEER, BACKHOE,
LIGHT STAND.

Signed: RJ Epp Date: 9/7/10

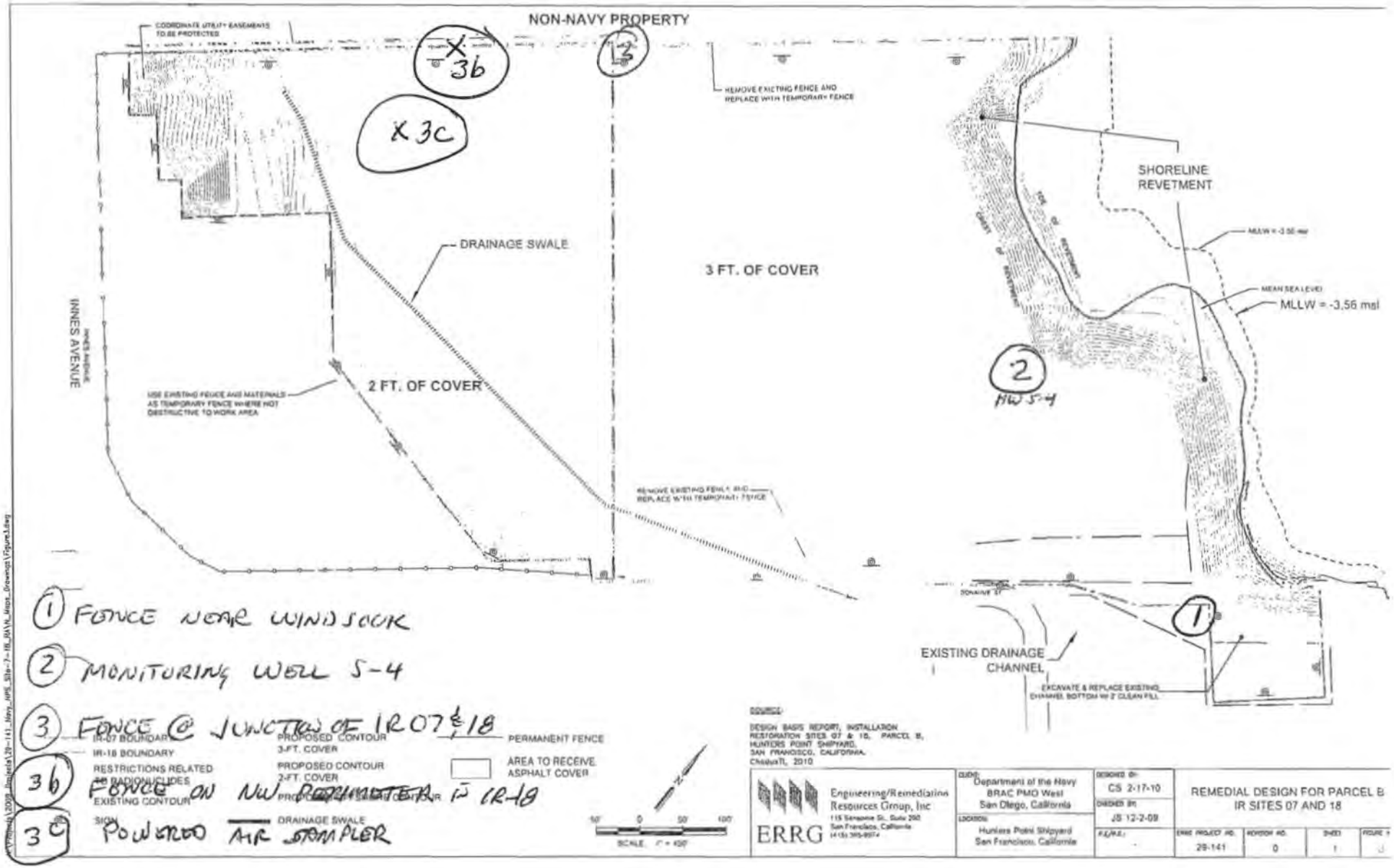
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EDP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument ~~PID~~ CONC.	~~DataRAM~~ TWA	Comments	dBA
#3b	9/7/10	0646	0.063	0.060	10971	52.0
#2		0657	0.052	0.053	10972	60.6
#1		0654	0.055	0.054	10973	61.2
#3b		0838	0.030	0.038	10973	58.6
#3C MOVED TO PROVIDED SAMPLE LOCATION		0840	0.021	0.038	10973	60.7
#2		0854	0.028	0.039	10972	66.2
#1		0956	0.034	0.033	10971	64.9
#2		0958	0.018	0.033	10972	68.0
#3C		1003	0.016	0.030	10973	59.8
#1		1214	0.006	0.024	10971	58.4
#2		1219	0.010	0.024	10972	62.4
#3C		1222	0.005	0.021	10973	60.4
#3C		1359	0.014	0.019	10973	61.1
#1 CHG BATTERY		1414	0.029	0.026	10971	65.3
#3		1440	0.015	0.019	10973	63.9
#2 BATTERY DEAD		1444	—	—	10972	66.3
#1		1448	0.027	0.028	10971	67.1


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
X 3b
X 3c
3
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
DRAINAGE SWALE
3 FT. OF COVER
MEAN SEA LEVEL
MLLW = -3.56 msl
INNES AVENUE
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT DESTRUCTIVE TO WORK AREA
2
HW 5-4
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
1
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
1 FENCE NEAR WINDSOCK
2 MONITORING WELL 5-4
3 FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
3b FENCE ON NW PERIMETER IN IR-18
EXISTING CONTOUR
SIGN
3c POWERED AIR SAMPLER
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA. ChaduxTI, 2010
SCALE: 1" = 400'
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 7, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/SEP/10

REPORT NO 056

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Continued cutting cover tie-in along southeast property line, continued cutting cover tie-in along the northwest property line, verified that activities
	performed conformed to the site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/7/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/7/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010.

Requirement	Phase	Yes	No	N/A	Comments
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line on 8/30/2010 – 8/31/2010. Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/7/2010

Shoreline Excavation and Revetment

Date: 9/7/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, and 9/7/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L will be repaired during construction of HG1U
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, and 9/7/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/7/2010

Photo 1: Site Clearing and Demolition – Cutting along the southeast property line in preparation for cover tie-in to existing asphalt road.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 7, 2010

Photo 2: Site Clearing and Demolition – Grading 3:1 slope along the southeast property line in preparation for cover tie-in to existing asphalt road.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 7, 2010

Photo 3: Site Clearing and Demolition – Cutting along the northwest property line in preparation for cover tie-in to existing grade on neighboring property.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 7, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	8/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	057	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Foggy,Drizzle,Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	64	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew finish the perimeter cuts and sloping on the east and west ends, place all	ERRG	1	Superintendent	8
	excavated material onto the rad pad.	ERRG	1	Construction Manager	8
	Crew working on filling LLRW bins with debris and removed vegetation.	ERRG	1	Project Manager	0
	Crew working on placing and flipping concrete onto the debris screening strips	ERRG	1	QC Manager	8
	Pull out the water features on IR18 and place into the LLRW bins.	ERRG	1	Tech Lead	0
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	5	Equipment Operators	39
		ERRG	6	Laborers	17
		ERRG	4	Truck Drivers	24
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	152
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8456.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	8608.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	Meeting on site today with Tetra Tech, EMS and ERRG to discuss LLRW bin needs, sizing of debris and loading of bins.

James Nores — CONTRACTOR/SUPERINTENDENT

9/8/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 8/SEP/10
		REPORT NO: 057 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Foggy,Drizzle,Cool	Pt. Cloudy, Mild	64	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/8/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 09/SEP/10
		REPORT NO: 058

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Cool	Pt. Cloudy, Mild	64	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on finish off the top of the revetment working from the east side	ERRG	1	Superintendent	8
	to the west. Place additional filter fabric to key in the rip rap at the top/place	ERRG	1	Construction Manager	0
	additional filter rock as needed to meet sub-grade elevations and cap with 3'	ERRG	1	Project Manager	8
	of rip/rap.	ERRG	1	QC Manager	8
	Crew working on flipping concrete on the debris screening strips for scanning	ERRG	1	Tech Lead	0
	and loading out the cleared concrete to the B231 stockpile area.	ERRG	1	H&S Officer	8
	Crew working on picking up all the remaining debris on IR18.	ERRG	2	QC Staff	16
		ERRG	5	Equipment Operators	39
		ERRG	6	Laborers	21
		ERRG	4	Truck Drivers	20
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	152
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8608.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	8760.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	5 loads of concrete out today to the B231 stockpile area.

James Nores — CONTRACTOR/SUPERINTENDENT

9/9/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	09/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	058 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	64	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/9/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/9/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Continue revetment construction, Place debris in bins, haul concrete / Flip concret

SAFETY TOPICS PRESENTED

SAFETY TOPICS ROCKS, WATER SAFETY

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS ROCKS, WATER, UNEVEN SURFACES, EQUIPMENT.

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JAMES NORES	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
Scott Worthy	Harris / ERRG	[signature]
Ken Mark	ERRG	[signature]
William Schmiat	ERRG	[signature]
Roberto Aguilera	ERRG	[signature]
FERNANDO LOZA	ERRG	[signature]
Villanueva [illegible]	ERRG	[signature]
O OROZCO	ERRG	[signature]
Russell Jackson	HARRIS / ERRG	[signature]
Adam Berry	[illegible] / Harris	[signature]
J. Cunningham	NWT	[signature]
LISA Broussard	NWT	[signature]
Sharon Gallagher	NWT	[signature]
Tanner Bennett	ERRG	[signature]
Boris Portillo	ERRG	[signature]
Liz Binning	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]

Health & Safety Officer DICK EPP **SUPERINTENDENT** Vicente Valencia

SIGNATURE [signature] **SIGNATURE**

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	9/9/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLOUDY	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 TAILGATE — WIRE PUNCTURES + CUTS, WATER SAFETY

RETURNED TO REVETMENT, PLACING FILTER ROCK + RIPRAP NEAR CROWN.

ASSISTING TETRA TECH WITH BUBBLE SCANNING.

PUTTING LLW IN LLW BINS.

HAULING CLEARED RUBBLE TO RECYCLE.

EQUIPMENT IN USE: 3 WATER TRUCKS, 2 DUMP TRUCKS, 2 BACKHOES, BULLDOZER, SKID STEER, LONG REACH EXCAVATOR, EXCAVATOR, LIGHT TOWER, FRONT LOADER

Signed: [signature] Date: 9/9/10

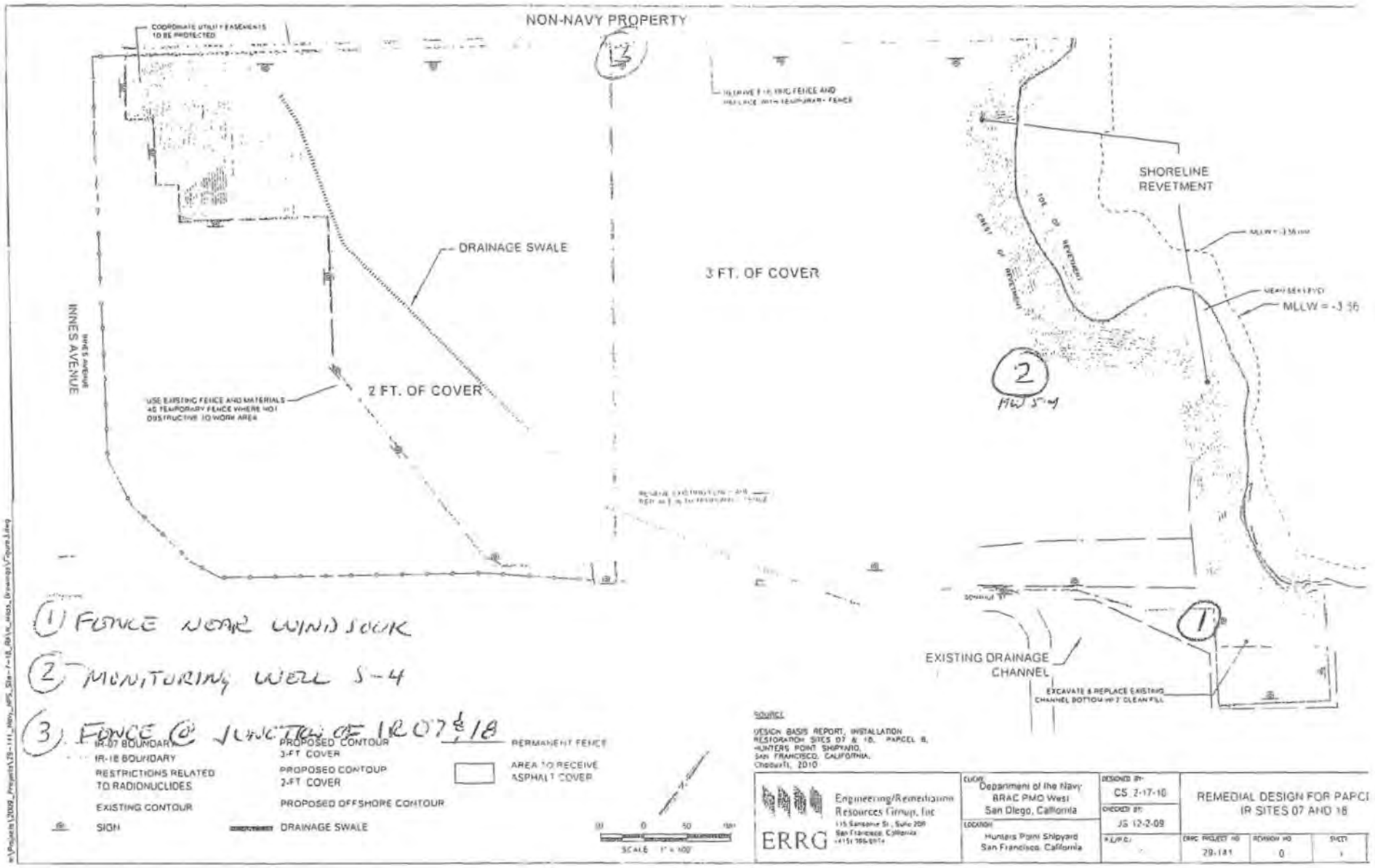
AIR MONITORING LOG SHEET

ERRG

Prepared by: Dick Epp
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument: CONC ~~PID~~	Instrument: TWA ~~DataRAM~~	Comments	dBA
#3	9/9/10	0656	0.028	0.035	10973	52.2
#2		0711	0.028	0.028	10972	61.1
#1		0715	0.032	0.024	10971	67.4
#2		0902	0.012	0.028	10972	65.2
#3		0908	0.010	0.022	10973	57.2
#2		0932	0.015	0.026	10972	58.2
#1		0936	0.009	0.023	10971	69.3
#2		1039	0.028	0.024	10972	63.1
#3		1045	0.009	0.016	10973	56.6
#1		1106	0.017	0.056	10971	67.7
#1 CHANGED BATTERY		1258	0.016	0.017	10971	68.2
#2		1304	0.019	0.020	10972	78.1
#3		1317	0.016	0.014	10973	57.8
#3		1434	0.013	0.019	10973	58.9
#2		1439	0.016	0.021	10972	77.9
#1		1442	0.025	0.024	10971	—


NON-NAVY PROPERTY
CORPORATE UTILITY EASEMENTS TO BE PROTECTED
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
INNES AVENUE
SHORELINE REVETMENT
MLLW = -3.36
2
MW S-4
1
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
3
(1) FENCE NEAR WINDSOCK
(2) MONITORING WELL S-4
(3) FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, October 1, 2010
ERRG Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200 San Francisco, California (415) 395-0314
CLIENT Department of the Navy BRAC PMO West San Diego, California
LOCATION Hunters Point Shipyard San Francisco, California
DESIGNED BY CS 2-17-10
CHECKED BY JG 12-2-09
REMEDIAL DESIGN FOR PARCEL IR SITES 07 AND 18
ERRG PROJECT NO 29-141
REVISION NO 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 9, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-131 through ERRG-A-IR07-134). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-123 and ERRG-A-IR07-125 through ERRG-A-IR07-128. No activity above the release criteria was identified in surveys ERRG-A-IR07-126 through ERRG-A-IR07-128. For surveys ERRG-A-IR07-123 and ERRG-A-IR07-125, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-123-019	to be designated
ERRG-A-IR07-125-027	to be designated
ERRG-A-IR07-125-035	to be designated

- To date, 2412 pieces of shoreline debris have been surveyed for free release with 114 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- None

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 09/SEP/10

REPORT NO 058

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Verified that activities performed conformed to the site clearing and demolition checklist.
03	Continued crest construction between sections I and H, Verified that activities performed conformed to the shoreline excavation and revetment
	checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231, continued
	placing debris in LLRW bins.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
04	Installed metal trench plate over broken concrete chaseway cover near building 231.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/9/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/9/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).

Requirement	Phase	Yes	No	N/A	Comments
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/10 - ongoing). Removed debris from RCA in LLRW bins (7/15/10 – ongoing). Excavated northwest property boundary cut on 8/30/10 – 9/8/10. Excavated southeast property boundary cut on 9/2/10 – 9/8/10. Removed decommissioned power poles on 8/30/10 – 9/1/10. Removed decommissioned water features on 9/8/10.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line on 8/30/2010 – 8/31/2010. Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/9/2010

Shoreline Excavation and Revetment

Date: 9/9/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, and 9/7/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L

Requirement	Phase	Yes	No	N/A	Comments
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, and 9/7/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/9/2010

Photo 1: Shoreline Excavation and Revetment – Placing filter rock along crest of revetment between sections I and H.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 9, 2010

Photo 2: Radiological Screening and Remediation – Breaking up large concrete to meet size criteria for disposal in LLRW bins (concrete was scanned and found to have elevated rad levels).

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 9, 2010

Photo 3: Shoreline Excavation and Revetment – Crest of revetment between sections I and H.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 9, 2010

Photo 4: Shoreline Excavation and Revetment – Repair of section HG1U where geotextile was damaged during installation (first revetment section). The revetment in this area was removed, subgrade was reestablished, new geotextile installed, and filter rock reinstalled.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 9, 2010

Photo 5: Radiological Screening and Remediation – Trench plate installed over broken chaseway cover.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 9, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 10/SEP/10
		REPORT NO: 059
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Cool	Pt. Cloudy, Mild	64	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on finish off the top of the revetment working from the east side	ERRG	1	Superintendent	8
	to the west. Place additional filter fabric to key in the rip rap at the top/place	ERRG	1	Construction Manager	8
	additional filter rock as needed to meet sub-grade elevations and cap with 3'	ERRG	1	Project Manager	8
	of rip/rap.	ERRG	1	QC Manager	8
	Crew working on flipping concrete on the debris screening strips for scanning	ERRG	1	Tech Lead	0
	10 trucks looping from Syar Napa with 1/4 ton rip rap. Stockpile rip rap along	ERRG	1	H&S Officer	8
	the crest of the revetment in the unfinished areas.	ERRG	2	QC Staff	16
	Crew working on making the 2' cut in the channel on the east side of the	ERRG	5	Equipment Operators	39
	revetment- place excavated material on the rad pad.	ERRG	6	Laborers	17
		ERRG	4	Truck Drivers	24
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 160
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 8760.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 8920.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	27 loads of 1/4 ton rip rap

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/10/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	10/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	059 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	64	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/10/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/10/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Continue Revetment Construction Finish crest Rock import. concrete debris Flipping, Excavate channel

SAFETY TOPICS PRESENTED

SAFETY TOPICS ROCKS, TRAFFIC, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS ROCKS, UNEVEN SURFACES, TRAFFIC, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Roberto Aguilera	ERRG	Roberto Aguilera
DAVID HASAK	ERRG	David Hasak
O ORONA	ERRG	O Orona
William Schmidt	ERRG	Willi Schmidt
Ken Hark	ERRG	KHark
VICENTE VALENCIA	ERRG	Vicente Valencia
LISA BROUSSARD	NWT	Lisa Broussard
Sharon Gallagher	NWT	Sharon Gallagher
[illegible]	NWT	[illegible]
J.C. Cunningham	NWT	[illegible]
FERNANDO LOZA	ERRG	[illegible]
William Lucci	ERRG	[illegible]
Boris Pangelinan	ERRG	[illegible]
SCOTT WASHBURN	HNTS/ERRG	[illegible]
RUSSELL JACKSON	HARRIS/ERRG	[illegible]
Tanner Benhett	ERRG	[illegible]
Liz Bhuiyan	ERRG	[illegible]

Health & Safety Officer DICK EPP **SUPERINTENDENT** JAMES NORES

SIGNATURE [illegible] **SIGNATURE** [illegible]

ERRG

TAILGATE SAFETY MEETING

DATE 9-10-10 TIME 730 PROJECT NUMBER 29-141

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
SUKHUIN	TATLAN	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	Banwait	[illegible]
JOHN SOURIAL	ERRG	[illegible]
SUKHUIN [illegible]	Banwait	[illegible]
TYSON ARM	ERRG	[illegible]
ALFREDO M	18 WOELS	[illegible]
Kuldip	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]
GRANT FUJIMO	HARRIS	[illegible]

Health & Safety Officer _____ SUPERINTENDENT _____

SIGNATURE _____ SIGNATURE _____

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	FRIDAY	Date:	09/10/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – ROLLING ROCKS, TRAFFIC

CONTINUED WORKING ON REVETMENT, BRINGING CREST UP TO HEIGHT.

EXCAVATING FOR DRAINAGE GRANULE AT EAST SHORELINE

ASSISTING TOTRA TEAM WITH RUBBLE SCANNING.

RECEIVING RIPRAP IN END DUMPS.

EQUIPMENT IN USE: 3 WATER TRUCKS, STREET SWEEPER, LONG REACH EXCAVATOR, EXCAVATOR, END LOADER, 2 DUMP TRUCKS, SKID STEER, 2 BACKHOES

Signed: RJ Epp Date: 9/10/10

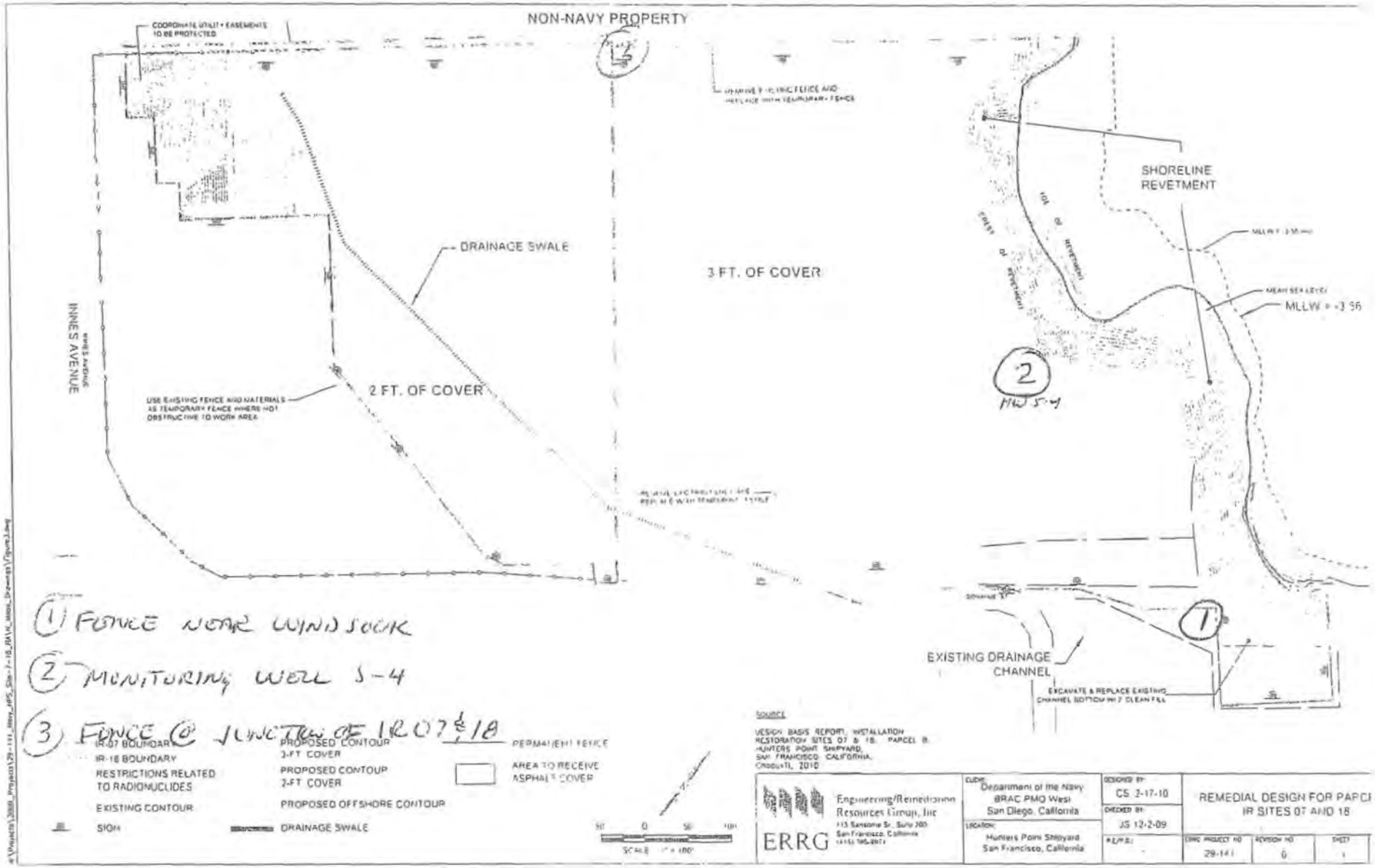
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK OPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument PID	Instrument DataRAM	Comments	ppm
MOVING OUT BEFORE	0700 -	NO READINGS RECORDED.			~~10972~~	~~60.2~~
#2	~~0744~~	0744	0.039	0.044	10972	60.2
#3 BATT OUT - RESET	9/10/10	0753	0.043	0.038	10973	56.6
#1		0800	0.033	0.044	10971	69.4
#1		0825	0.035	0.041	10971	72.1
#2		0830	0.030	0.043	10972	65.4
#3 REPL. BATTERY		0859	0.027	0.035	10973	57.8
#1		0949	0.067	0.036	10971	74.3
#2		0952	0.037	0.040	10972	74.5
#3		0002	0.031	0.034	10973	56.9
#1		1112	0.034	0.032	10971	67.7
#2		1124	0.032	0.034	10972	62.1
#2		1227	0.075	0.043	10972	63.5
#3		1232	0.028	0.028	10973	57.3
#1		1240	0.031	0.040	10971	75.8
#2		1328	0.036	0.042	10972	67.6
#1		1345	0.024	0.057	10971	72.2



(1) FENCE NEAR WINDSOCK

(2) MONITORING WELL S-4

(3) FENCE @ JUNCTION OF IR 07 & 18

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: OFF ROAD **Identification Number:** M15113

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Heavy Equipment Defects

Inspected By (Initials) And Date:	WIII 9/7/10			WFII 9/8/10			WFII 9/9/10			WFII 9/10/10						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	NOT LOOKING
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Harris Blade Watertrack 4000 Gal **Identification Number:** CLS10-162

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	Mon Holiday			Tues 9/7 Fri			Wed 9/8			Thur 9/10			Fri 9/11			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☐	☑	☐	☐	☑	☐	☐	☐	☑	☐	☑	☐	☐	Rear Flat
Tracks	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☐	☐	☐	☑	☑	☐	☑	☑	☐	☑	☑	☐	☑	☑	☐	Short in rear lights
Steering and other controls	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: Flat fix 9/10 11:15

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: BACK HOE **Identification Number:** 221-05-0226 UT 6D64

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	WFH 9/8/10 VL			WFH 9/9/10			WFH 9/10/10									Defect(s):
Heavy Equipment Defects	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Skeedtail **Identification Number:** DB3559

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9-7-10 RA			9-8-10 FL			9-9-10 RA			9-10-10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☑	☐	☑	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: SMALL BENT @ REAR DOOR

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: backhoe 310 **Identification Number:** E45C98 United Rentals

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
										MG 9-10		RA	EA 9-10-10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Tracks	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Guards on moving parts?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Engine belts and hoses	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Seat belt operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Fire extinguisher present?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Battery charged?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	
Horn operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Back up alarm operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Steering and other controls	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	
Brakes	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☒	☐	☐	

Explain corrective actions taken: lights not work

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: OFF ROAD DUMP TRUCK **Identification Number:** M15397

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 9-7-10			9/8/10			9-10-10 FL			9-11-10 FL						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	Needs charged
Windows and mirrors unbroken?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☐	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	FUEL GAUGE DOESN'T WORK
Battery charged?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: HACKS WATER TRUCK **Identification Number:** 8E72320

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	OO 9-7-10			OO 9-8-10			OO 9-9-10			OO 9-10-10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	RIGHT STEP DENTED
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: 9-8-10 GREASE UP TRUCK

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 950 H Wheel loader **Identification Number:** 950 H PX6536 L-2

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	9/7/10			9/8/10			9/9/10			9/10/10						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200C Excavator **Identification Number:** BL7X57

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/7 BP			9/8 BP			9/9 BP			9/10 BP						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	
Tracks	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	Hydraulic leak on main Hose
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Brakes	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 325 LONG REACH **Identification Number:** AJ6C47

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	9-7-10 RJ			9-08-10 RJ			9-09-10 RJ			9-10-10						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: water truck unitested Re **Identification Number:** 854457

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	9-7-10 RA			9-8-10			9-9-10 KM			FL 9-10-10						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	SMALL BOLT ON PASSENGER SIDE
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☒	☒	☐	☐	☒	☐	☐	☐	☐	Right revers light out
Steering and other controls	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: missing RR mudflap

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT D6N LGP **Identification Number:** JVGN7J

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9-07-10 RT			9-08-10 RT			9-09-10			9-10-10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 10, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-135 through ERRG-A-IR07-137). A total of 108 pieces were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- To date, 2466 pieces of shoreline debris have been surveyed for free release with 114 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- To assist in determining the source of the elevated towed array data, 3 biased aggregate samples were collected from each of the 5 screening units and submitted to the on-site laboratory for gamma spectroscopy.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 10/SEP/10

REPORT NO 059

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Started excavation of drainage channel for 2-foot cover tie-in to existing grades, verified that activities performed conformed to the site clearing
	and demolition checklist.
03	Continued crest construction between sections I and E, imported and stockpiled riprap along top of revetment, verified that activities performed
	conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, continued placing debris in LLRW bins.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/10/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/10/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).

Requirement	Phase	Yes	No	N/A	Comments
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/10 - ongoing). Removed debris from RCA in LLRW bins (7/15/10 – ongoing). Excavated northwest property boundary cut on 8/30/10 – 9/8/10. Excavated southeast property boundary cut on 9/2/10 – 9/8/10. Removed decommissioned power poles on 8/30/10 – 9/1/10. Removed decommissioned water features on 9/8/10. Excavated the drainage swale cut on 9/10/10 – ongoing.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line on 8/30/2010 – 8/31/2010. Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/10/2010

Shoreline Excavation and Revetment

Date: 9/10/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, and 9/7/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, and 9/7/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/10/2010

Photo 1: Site Clearing and Demolition – Over excavation of drainage channel to allow for 2-foot cover to match existing channel grades.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 10, 2010

Photo 2: Shoreline Excavation and Revetment – Installation of riprap along crest of revetment between sections F and E.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 10, 2010

Photo 3: Shoreline Excavation and Revetment – Import and stockpiling of riprap.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 10, 2010

Photo 4: Radiological Screening and Remediation – Sampling of broken brick in previously scanned and sampled rad pad survey units.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 10, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 13/SEP/10
		REPORT NO: 060

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Cool	Pt. Cloudy, Mild	64	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on finish off the top of the revetment working from the east side	ERRG	1	Superintendent	8
	to the west. Place additional filter fabric to key in the rip rap at the top/place	ERRG	1	Construction Manager	0
	additional filter rock as needed to meet sub-grade elevations and cap with 3'	ERRG	1	Project Manager	8
	of rip/rap.	ERRG	1	QC Manager	8
	Crew working on flipping concrete on the debris screening strips for scanning	ERRG	1	Tech Lead	0
	10 trucks looping from Syar Napa with 1/4 ton rip rap. Stockpile rip rap along	ERRG	1	H&S Officer	8
	the crest of the revetment in the unfinished areas.	ERRG	2	QC Staff	16
	Crew continue working on making the 2' cut in the channel on the east side of	ERRG	6	Equipment Operators	42
	the revetment- place excavated material on the rad pad.	ERRG	6	Laborers	14
	Crew working on loading LLRW concrete and debris into bins- 4 out today	ERRG	4	Truck Drivers	24
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	152
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8920.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9072.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	27 loads of 1/4 ton rip rap

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/13/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/SEP/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	060 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, Cool
PM WEATHER	Pt. Cloudy, Mild
MAX TEMP (F)	64
MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/13/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/13/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Continue Crest of Revetment Rock placement, concrete flipping, RIPRAP import

SAFETY TOPICS PRESENTED

SAFETY TOPICS Rolling Rocks, TRAFFIC, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, ROCKS, UNEVEN SURFACES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
VICENTE VALENCIA	ERRG	Vicente Valencia
Ken Mark	ERRG	
OSCAR OROZCO	ERRG	
Boris Pardillo	ERRG	Boris Pardillo
DAVID HASAC	ERRG	David Hasac
Fernando Lo	ERRG	
Viliam Lilej	ERRG	
Scott Wolfe	Harris/ERRG	
Roberto Aguilera	ERRG	
Russell Jackson	HARRIS/ERRG	
William Schmidt	ERRG	
Liz Binning	ERRG	
J. Cunningham	NWT	
A. Ben		
Sharon Gallagher	NWT	
Lisa Brockschmidt	NWT	
TATLIN BLD	NWT	
KSMANN	BINDA	

Health & Safety Officer DICK OPP

SIGNATURE

SUPERINTENDENT JAMES NERES

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

DATE 9/13/10 TIME — PROJECT NUMBER 29-141

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Upkar Singh	G.T.C	[illegible]
FRED	RODY	[illegible]
GURDEEP	JBE	[illegible]
KULDIN	BRAR	[illegible]
Newell	Shahota	[illegible]
BALWANT SGH	HARMAN	[illegible]
PARGA NIMAN	P.S.N TRC	[illegible]
Basanjit Singh	Binsora Trucking	[illegible]
JOHN SOURIAL	ERRG	[illegible]
Paul Schafer	SCS Tracer EST	[illegible]

Health & Safety Officer _____ SUPERINTENDENT _____

SIGNATURE _____ SIGNATURE _____

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	9/13/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	OVERCAST – PARTLY CLOUDY	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – ROLLING ROCKS, TRAFFIC, EQUIPMENT – LPO CARDS.

CONTINUED PLACING RIPRAP ON CREST OF SHORELINE REVETMENT

CONTINUED ASSISTING TETRA TECH WITH RUBBLE SCREENING.

LOADING ~~LLW~~ WASTE BINS W/ LL WASTE.

LEVELING EXCAVATED SPOIL ON RAD SCREENING PAD, EXPANDED PAD.

CUTTING DRAINAGE DITCH ON ~~EAST~~ END OF IR-07 @ SHORELINE

RECEIVING RIPRAP IN END DUMPS, WASHING TIRES & SWEEPING DRIVEWAY ST., WETTING DOWN ROCKS PRIOR TO DUMPING.

EQUIPMENT IN USE: LIGHT STANDARD, 3 WATER TRUCKS, 2 DUMP TRUCKS, BULLDOZER, LONG REACH EXCAVATOR, EXCAVATOR, END LOADER, BACKHOE, SKID STEER.

Signed: [signature] Date: 9/13/10

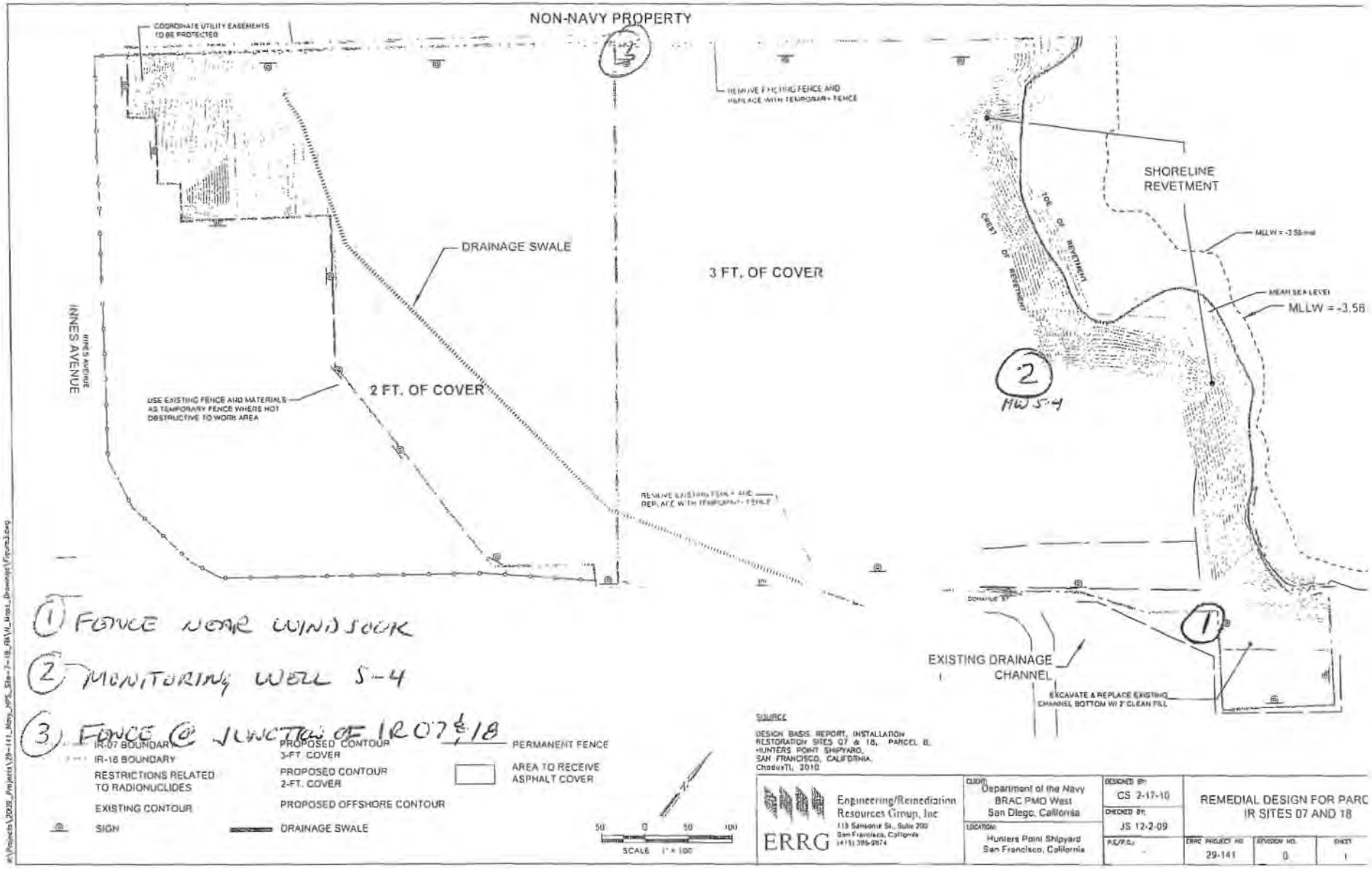
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC ~~PID~~	Instrument TUA ~~DataRAM~~	Comments	dBA
#3	9/13/10	0644	0.031	0.028	10973	52.2
#2		0646	0.031	0.033	10972	60.0
#1		0650	0.051	0.036	10971	66.6
#1		0825	0.075	0.052	10971	67.2
#2		0829	0.036	0.036	10972	63.9
#3		0959	0.022	0.025	10973	55.9
#2		1003	0.038	0.036	10972	70.5
#1		1007	0.039	0.055	10971	69.4
#3		1126	0.017	0.026	10973	53.9
#2		1130	0.032	0.040	10972	—
#1		1133	0.030	0.053	10971	—
#2		1259	0.029	0.038	10972	73.7
#1		1305	0.029	0.050	10971	68.2
#3		1405	0.019	0.023	10973	57.2
#2		1410	0.033	0.040	10972	74.2
#1 BATTERY DOWN		1430	—	—	10971	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW = -3.56 mid
MEAN SEA LEVEL
MLLW = -3.56
DRAINAGE SWALE
3 FT. OF COVER
INNES AVENUE
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
DONAHUE ST
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
3
2
MW S-4
1
1 FENCE NEAR WINDSOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
50 0 50 100
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA. ChaduxTI, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
(415) 395-0974
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.G.: -
REMEDIAL DESIGN FOR PARC IR SITES 07 AND 18
ERRC PROJECT NO. 29-141
REVISION NO. 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 13, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-138 through ERRG-A-IR07-140). A total of 108 pieces were surveyed. In addition, 108 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- To date, 2520 pieces of shoreline debris have been surveyed for free release with 114 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/SEP/10

REPORT NO 060

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Continued excavation of drainage channel for 2-foot cover tie-in to existing grades, verified that activities performed conformed to the site clearing
	and demolition checklist.
03	Continued construction of the upper portion of the revetment between sections F and D, imported and stockpiled riprap along top of revetment,
	verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, continued placing debris in LLRW bins.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/13/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/13/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).

Requirement	Phase	Yes	No	N/A	Comments
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/10 - ongoing). Removed debris from RCA in LLRW bins (7/15/10 – ongoing). Excavated northwest property boundary cut on 8/30/10 – 9/8/10. Excavated southeast property boundary cut on 9/2/10 – 9/8/10. Removed decommissioned power poles on 8/30/10 – 9/1/10. Removed decommissioned water features on 9/8/10. Excavated the drainage swale cut on 9/10/10 – ongoing.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line on 8/30/2010 – 8/31/2010. Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/13/2010

Shoreline Excavation and Revetment

Date: 9/13/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, and 9/7/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U

Requirement	Phase	Yes	No	N/A	Comments
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U

Requirement	Phase	Yes	No	N/A	Comments
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, and 9/7/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager: Elizabeth Binning	Date: 9/13/2010

Photo 1: Site Clearing and Demolition – Over excavation of drainage channel to allow for 2-foot cover to match existing channel grades.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 13, 2010

Photo 2: Shoreline Excavation and Revetment – Installation of filter rock and riprap along the upper portion of the revetment between sections E and D.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 13, 2010

Photo 3: Radiological Screening and Remediation – Spreading out excavation spoils in preparation for radiological screening on the rad pad.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 13, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	061	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	64	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on finish off the top of the revetment working from the east side	ERRG	1	Superintendent	8
	to the west. Place additional filter fabric to key in the rip rap at the top/place	ERRG	1	Construction Manager	0
	additional filter rock as needed to meet sub-grade elevations and cap with 3'	ERRG	1	Project Manager	8
	of rip/rap. Crew working on loading LLRW concrete and debris into bins.	ERRG	1	QC Manager	8
	Crew working on flipping concrete on the debris screening strips for scanning	ERRG	1	Tech Lead	0
	4 trucks looping from Syar Napa with 1/4 ton rip rap. Stockpile rip rap along	ERRG	1	H&S Officer	8
	the crest of the revetment in the unfinished areas.	ERRG	2	QC Staff	16
	Crew working on pulling up AC in the "bump out" area on the east end of the	ERRG	6	Equipment Operators	42
	revetment, remove AC and debris from RR tracks and ties.	ERRG	6	Laborers	14
	Crew working on spreading out the excavated material onto the rad pad	ERRG	4	Truck Drivers	24
		Tetra Tech	3	Rad Techs	24

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	152
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	9072.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9224.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	11 loads of 1/4 ton rip rap

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/14/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	061 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	64	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/14/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/14/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Continue Rip/Rap import, continue revetment Crest work spread out dirt on Pad pad, Load bins / flip concrete

SAFETY TOPICS PRESENTED

SAFETY TOPICS ROCKS, TRAFFIC, LADDERS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS ROCKS, WATER, UNEVEN SURFACES, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
VICENTE VALENCIA	ERRG	Vicente Valencia
Fernando Loza	ERRG	[illegible]
Roberto Aguilera	ERRG	[illegible]
William Schmid	ERRG	[illegible]
[illegible]	ERRG	[illegible]
OSCAR OROZCO	ERRG	O. Orozco
[illegible]	Harris/ERRG	[illegible]
Boris Portillo	ERRG	Boris Portillo
RUSSELL JACKSON	HARRIS/ERRG	[illegible]
DAVID HABAL	ERRG	David Habal
Ken Mark	ERRG	[illegible]
Tanner Bennett	ERRG	[illegible]
LISA Broussard	NWT	[illegible]
SHARON GALLIGOR	NWT	[illegible]
KSMANN	BINDA	[illegible]
PARGAT	PSIN TRUKIN	[illegible]
Robert Newell	Shahoti	[illegible]
[illegible]	[illegible]	[illegible]

Health & Safety Officer Dick Epp **SUPERINTENDENT**

SIGNATURE [illegible] **SIGNATURE**

ERRG

TAILGATE SAFETY MEETING

DATE _____ **TIME** _____ **PROJECT NUMBER** _____

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JR. RUIZ	ESPINOSA	
JUAN LOVMN	ESPINOSA	
JOHN SOURIAL	ERRG	
JOHN HOWLAND	United Rentals	JOHN Howland

Health & Safety Officer _____ **SUPERINTENDENT** _____

SIGNATURE _____ **SIGNATURE** _____

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	9/14/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	OVERCAST - PARTLY CLOUDY	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – ROCKS, CONFINED AREAS, EQUIPMENT

CONTINUED CROWN ON REVETMENT W/ FILTER ROCK + RIP RAP

CONTINUED ASSISTING TETRA TECH WITH RUBBLE SCANNING

LOADING LL WASTE INTO L.W BINS

CLEANING + GRUBBING AREA EAST OF SHORELINE; ASPHALT, RR TRACKS, ETC.

SPREADING & LEVELING SPOIL ON PAD SCREENING PAD

RESTORED RIP RAP IN END DUMP TRUCKS, WASHING TIRES & SWEEPING DONAHUE ST.

SURVEYORS ON SITE.

EQUIPMENT IN USE: 3 WATER TRUCKS, 2 DUMP TRUCKS, LONG ROTATION EXCAVATOR, EXCAVATOR, BULLDOZER, END LOADER, 1 BACKHOE, STREET SWEEPER, SKID STEER.

Signed: [signature] Date: 9/14/10

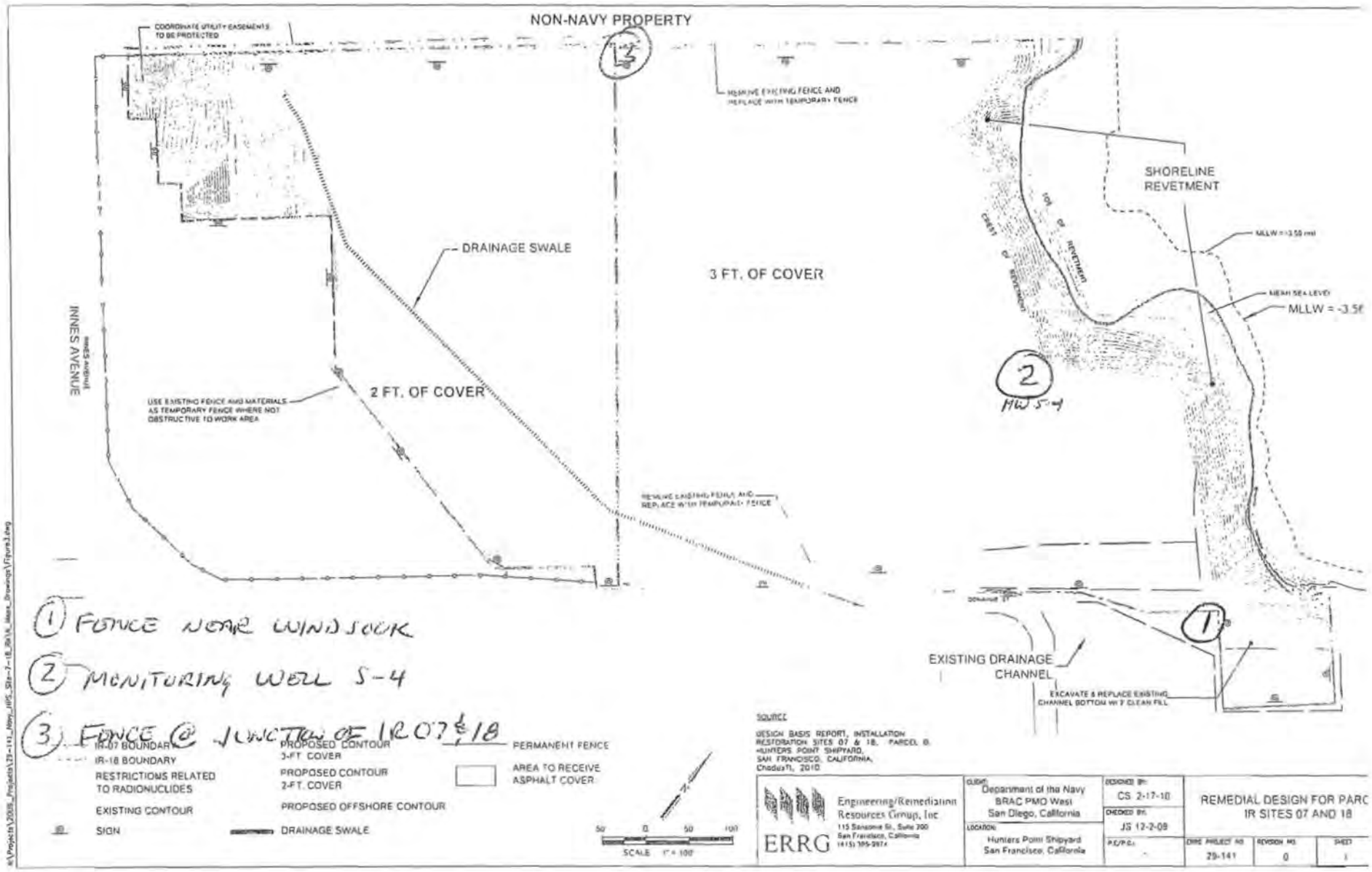
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK CPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Cave Instrument ~~PID~~	~~DataRAM~~ TWA	Comments	dBA
#3	9/14/10	0646	0.024	0.026	10973	52.5
#2		0651	0.040	0.037	10972	60.3
#1		0659	0.043	0.037	10971	70.1
#3		0845	0.018	0.026	10973	56.8
#2		0854	0.042	0.060	10972	69.3
#1		0859	0.034	0.042	10971	63.4
#1 [redacted]		1100	0.041	0.039	10971	64.0
#2 WATER SPRAY ON MOTOR		1104	0.037	0.060	10972	70.6
#1		1353	0.032	0.038	10971	69.9
#2 MOTOR OFF - WATER SPRAY		1400	—	—	10972	76.7
#3		1435	0.009	0.018	10973	59.7
#1		1444	0.031	0.037	10971	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
DRAINAGE SWALE
3 FT. OF COVER
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
2 FT. OF COVER
MEAN SEA LEVEL
MLLW = -3.5
MW S-4
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2 CLEAN FILL
1 FENCE NEAR WINDSOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, Chadwell, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
(415) 395-9974
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.G.:
REMEDIAL DESIGN FOR PARC IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 14, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-141 through ERRG-A-IR07-144). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-129 through ERRG-A-IR07-136 and ERRG-A-IR07-138. No activity above the release criteria was identified in surveys ERRG-A-IR07-129, ERRG-A-IR07-131, ERRG-A-IR07-132, ERRG-A-IR07-136, and ERRG-A-IR07-138. For surveys ERRG-A-IR07-130, and ERRG-A-IR07-133 through ERRG-A-IR07-135, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-130-009	to be designated
ERRG-A-IR07-130-017	to be designated
ERRG-A-IR07-130-022	to be designated
ERRG-A-IR07-133-008	to be designated
ERRG-A-IR07-133-021	to be designated
ERRG-A-IR07-134-006	to be designated
ERRG-A-IR07-134-008	to be designated
ERRG-A-IR07-135-011	to be designated

ERRG-A-IR07-135-023 to be designated

- To date, 2592 pieces of shoreline debris have been surveyed for free release with 123 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 14/SEP/10

REPORT NO 061

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Removed asphalt and railroad ties from bump out on east corner of IR-07 by Building 146, verified that activities performed conformed to the site
	clearing and demolition checklist.
03	Finished construction of the upper portion of the revetment between sections E and D, imported and stockpiled riprap along top of revetment,
	verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, continued placing debris in LLRW bins, scanned the cut along northwest property boundary.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/14/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/14/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – ongoing).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).

Requirement	Phase	Yes	No	N/A	Comments
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/10 - ongoing). Removed debris from RCA in LLRW bins (7/15/10 – ongoing). Excavated northwest property boundary cut (8/30/10 – 9/8/10). Excavated southeast property boundary cut (9/2/10 – 9/8/10). Removed decommissioned power poles (8/30/10 – 9/1/10). Removed decommissioned water features on 9/8/10. Excavated the drainage swale cut (9/10/10 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – ongoing).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/14/2010

Shoreline Excavation and Revetment

Date: 9/14/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, and 9/7/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U

Requirement	Phase	Yes	No	N/A	Comments
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U

Requirement	Phase	Yes	No	N/A	Comments
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the riprap been placed in one layer?	**Follow up**			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U

Requirement	Phase	Yes	No	N/A	Comments
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, and 9/7/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager: Elizabeth Binning	Date: 9/14/2010

Photo 1: Site Clearing and Demolition – Removing debris from bump out in east corner of IR-07 near Building 146.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 14, 2010

Photo 2: Shoreline Excavation and Revetment – Installation of riprap along the upper portion of the revetment between sections E and D.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 14, 2010

Photo 3: Shoreline Excavation and Revetment – Completed revetment between sections E and D.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 14, 2010

Photo 4: Radiological Screening and Remediation – Screening cut along northwest property boundary.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 14, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 15/SEP/10
		REPORT NO: 062
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Cool	Pt. Cloudy, Mild	64	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on finish off the top of the revetment working from the east side	ERRG	1	Superintendent	8
	to the west. Place additional filter fabric to key in the rip rap at the top/place	ERRG	1	Construction Manager	0
	additional filter rock as needed to meet sub-grade elevations and cap with 3'	ERRG	1	Project Manager	8
	of rip/rap. Crew working on loading LLRW concrete and debris into bins.	ERRG	1	QC Manager	8
	Crew continue working on pulling up AC in the "bump out" area on the east	ERRG	1	Tech Lead	0
	east end of the revetment. Make the 2' cut accross the channel- place material	ERRG	1	H&S Officer	8
	onto the rad pad. Crew working on mowing down the tall weeds in IR18.	ERRG	2	QC Staff	16
	Crew continue spreading out the material on the rad pad for screening.	ERRG	7	Equipment Operators	45
	Crew working on site clean-up picking up debris, installing SWPP controls.	ERRG	6	Laborers	19
		ERRG	4	Truck Drivers	16
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 152
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 9224.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 9376.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/15/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	062 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	64	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/15/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/15/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Continue placing riprap west end load out LLRW cut channel, pick up debris

SAFETY TOPICS PRESENTED

SAFETY TOPICS PAY ATTENTION, WATER SAFETY

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS ROCKS, UNEVEN SURFACES, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
OSCAR OROZCO	ERRG	O Orozco
FERNANDO LOZA	ERRG	
Roberto Aguilera	ERRG	
VICENTE VALENCIA	ERRG	Vicente Valencia
DAVID HASAL	ERRG	David Hasal
SCOTT WORTHY	Haz/ERRG	
Barry Pandolfi	ERRG	Barry Pandolfi
Ken Mark	ERRG	KM
William Schmidt	ERRG	Will Schmidt
Shannon Gallagher	NWT	
JASON WALTHER	NWT	
T. Cunningham	NWT	
Adam Berg	NWT	
Lisa Brousseau	NWT	
Juan Loreto	ESPINOSA	
JR RUIZ	ESPINOSA	
LIZ BINNING	ERRG	
JOHN SOURIAL	ERRG	

Health & Safety Officer DICK ERP **SUPERINTENDENT** JAMES NOVES

SIGNATURE **SIGNATURE**

ERRG

TAILGATE SAFETY MEETING

DATE 9/15/10 **TIME** — **PROJECT NUMBER** 29-141

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Patricia Walters	Kleinfelder	Patricia Walters
John Howland	UR Rentals	John Howland
Jorge Domingo	UR	Jorge Domingo

Health & Safety Officer _____ **SUPERINTENDENT** _____

SIGNATURE _____ **SIGNATURE** _____

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	9/15/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	OVERCAST	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – PAYING ATTENTION TO YOUR TASK & SURROUNDINGS, WATER SAFETY

CONTINUING GRUBBING & CLEANUP INSIDE THE RCA,

ASSISTING TETRA TECH WITH RUBBLE SCREENING.

LOADING LLW WASTE INTO LLW BINS.

LEVELING & COMPACTING SPOIL ON PAD SCREENING PAD.

PLACING FABRIC, FILTER ROCK & RIPRAP ON NW END OF SHORELINE REVETMENT.

KLEINFELDER SERVICING WELLS ON SITE.

WORKING ON DRAINAGE CHANNEL EAST END OF SHORELINE.

CUTTING WEEDS IN TR-18 WITH BRUSH HOG ATTACHMENT ON SKID STEER.

EQUIPMENT IN USE: 3 WATER TRUCKS, LONG REACH EXCAVATOR, EXCAVATOR, 2 BACKHOES, END LOADER, SKID STEER, 2 DUMP TRUCKS, BUSH HOG

Signed: [signature] Date: 9/15/10

AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC ~~PID~~	Instrument TWA ~~DataRAM~~	Comments	dBA
#3	9/15	0655	0.010	0.010	10973	53.6
#2		0659	0.014	0.016	10972	60.1
#1		0704	0.023	0.026	10971	62.3
#2 DEMONSTRATION OF RAD PAD COMPACTION; CANNOT CUT DOWN		0835	0.030	0.042	10972	67.0
#1		0855	0.032	0.029	10971	61.7
#1		0956	0.022	0.030	10971	67.3
#2		1000	0.022	0.034	10972	59.6
#3		1010	0.012	0.016	10973	57.7
#2		1257	0.022	0.033	10972	80.1
#3		1308	0.009	0.014	10973	60.3
#1		1316	0.026	0.030	10971	67.2
#2		1431	0.037	0.041	10972	—
#3		1448	0.005	0.013	10973	—

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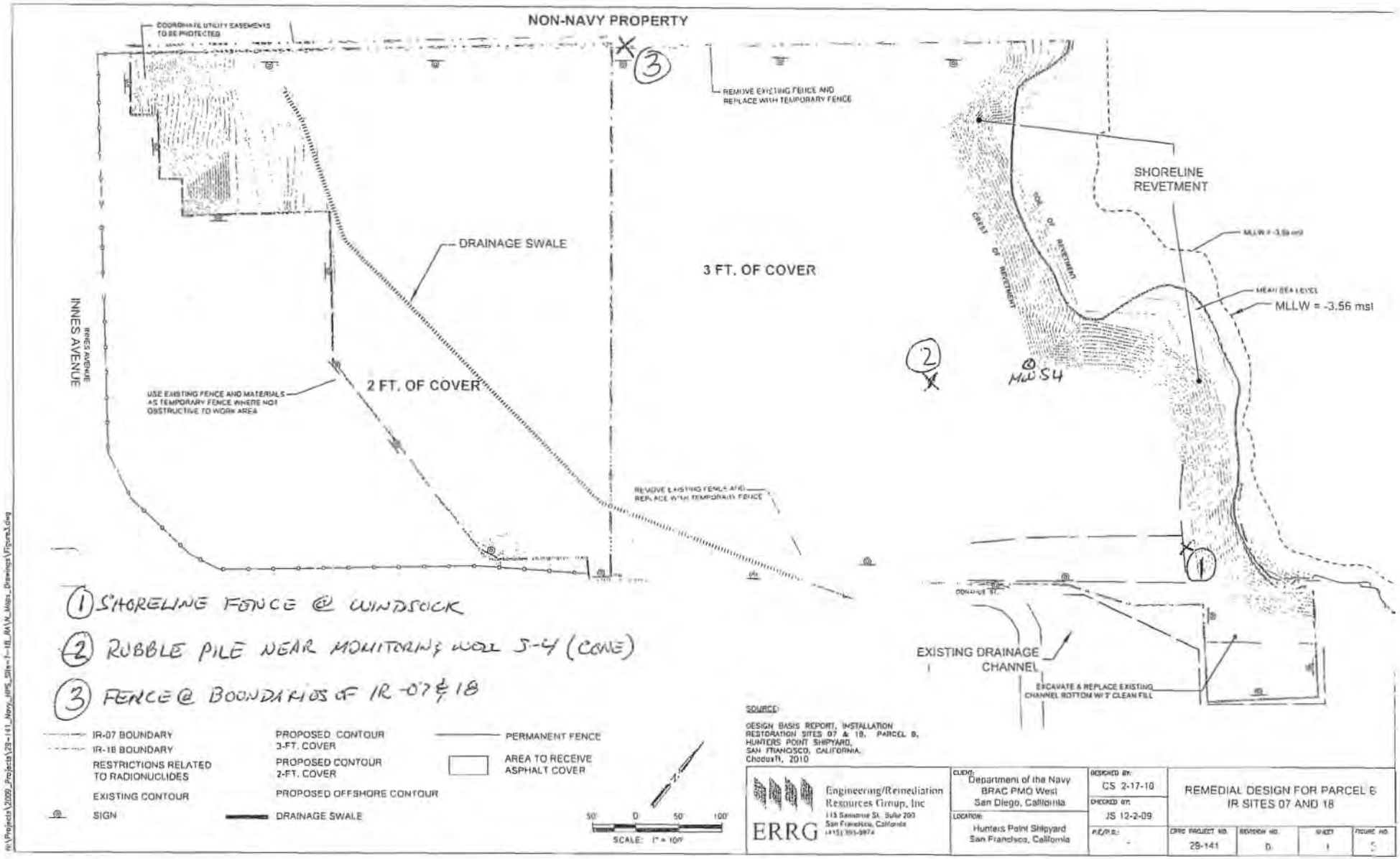


TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 15, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-145 through ERRG-A-IR07-148). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- To date, 2646 pieces of shoreline debris have been surveyed for free release with 123 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 15/SEP/10

REPORT NO 062

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Finished removing asphalt and railroad ties from bump out on east corner of IR-07 by Building 146, removed the temporary channel crossing and
	overexcavated the channel to allow for the 2-foot cover tie-in to existing grade near Building 146, cleared and grubbed vegetation in IR-18,
	verified that activities performed conformed to the site clearing and demolition checklist.
03	Installed geotextile, filter rock, and riprap in upper portion of the revetment between sections B and the northwest corner of the revetment,
	verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, continued placing debris in LLRW bins.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/15/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/15/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010).

Requirement	Phase	Yes	No	N/A	Comments
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/10 - ongoing). Removed debris from RCA in LLRW bins (7/15/10 – ongoing). Excavated northwest property boundary cut (8/30/10 – 9/8/10). Excavated southeast property boundary cut (9/2/10 – 9/8/10). Removed decommissioned power poles (8/30/10 – 9/1/10). Removed decommissioned water features on 9/8/10. Excavated the drainage swale cut (9/10/10 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/15/2010

Shoreline Excavation and Revetment

Date: 9/15/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U

Requirement	Phase	Yes	No	N/A	Comments
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager:	Date:
Elizabeth Binning	9/15/2010

Photo 1: Shoreline Excavation and Revetment – Installation of filter rock and riprap in the upper portion of the revetment between section B and the northwest corner of the revetment.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 15, 2010

Photo 2: Radiological Screening and Remediation – Trackwalking excavation spoils on rad pad in preparation for towed array scan.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 15, 2010

Photo 3: Site Clearing and Demolition – Excavation of drainage channel for 2-foot cover tie-in near building 146.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 15, 2010

Photo 4: Site Clearing and Demolition – Clearing and grubbing vegetation in IR-18.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 15, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 16/SEP/10
		REPORT NO: 063

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Cool	Pt. Cloudy, Mild	64	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on finish off the top of the revetment working from the east side	ERRG	1	Superintendent	8
	to the west. Place additional filter fabric to key in the rip rap at the top/place	ERRG	1	Construction Manager	0
	additional filter rock as needed to meet sub-grade elevations and cap with 3'	ERRG	1	Project Manager	8
	of rip/rap. Crew working on loading LLRW concrete and debris into bins.	ERRG	1	QC Manager	8
	Crew working on filling in the face of the revetment crest with 6" filter rock.	ERRG	1	Tech Lead	0
	Load out cleared concrete to the B231 stockpile area.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	8	Equipment Operators	48
		ERRG	6	Laborers	19
		ERRG	4	Truck Drivers	15
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	154
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	9376.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9530.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	5 loads of concrete out today to the B231 stockpile area

James Nores — CONTRACTOR/SUPERINTENDENT

9/16/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	16/SEP/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	063 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, Cool
PM WEATHER	Pt. Cloudy, Mild
MAX TEMP (F)	64
MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/16/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/16/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07+18, Parcel B

TYPE OF WORK Cut channel, Load out debris, Flip concrete Place 6" Rock @ Crest

SAFETY TOPICS PRESENTED

SAFETY TOPICS WATER SAFETY, EQUIPMENT AWARENESS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS ROCKS, UNEVEN SURFACES, EQUIPMENT.

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Viliamu Lelei	ERRG	[signature]
VICENTE VALENCIA	ERRG	Vicente Valencia
FERNANDO LOZA	ERRG	[signature]
Roberto Aguilera	ERRG	[signature]
DAVID HASAL	ERRG	David Hasal
[illegible]	ERRG	[signature]
RUSS JACKSON	HARRIS/ERRG	[signature]
William Schmidt	ERRG	[signature]
Scott Walther	[illegible] ERRG	[signature]
Bob Porter	ERRG	[signature]
JOHN WALTHER	NWT	[signature]
J. Cunningham	NWT	[signature]
Sharon Gallagher	NWT	[signature]
LISA BROUSSARD	NWT	[signature]
Adam Berry	Herr	[signature]
Ken Hark	ERRG	[signature]
LIZ SINNING	ERRG	[signature]

Health & Safety Officer DICK EPP **SUPERINTENDENT** JAMES NORES

SIGNATURE [signature] **SIGNATURE** [signature]

ERRG

TAILGATE SAFETY MEETING

DATE 9/16/10 **TIME** — **PROJECT NUMBER** 29-141

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Harry Lenng	CE2	[illegible]
Nicole Cook	CE2	N. Cook

Health & Safety Officer _____ **SUPERINTENDENT** _____

SIGNATURE _____ **SIGNATURE** _____

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	9/16/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – HYDRATION IN WARM WEATHER, ROCKS, EQUIPMENT PROXIMITY.

CONTINUE PLACING RIP RAP AT NW END OF SHORELINE REVETMENT.

ASSISTING TOTRA TEAM WITH RUBBLE SCANNING.

LOADING LLW INTO LLW BINS.

HAULING CONCRETE TO RECYCLE FROM CLEARED RUBBLE SCANS.

ADDING CLEARED RUBBLE ROCKS TO RIP RAP.

CEL ON SITE CHECKING IR-07 WELLS.

EQUIPMENT IN USE: 3 WATER TRUCKS, 2 DUMP TRUCKS, 2 BACKHOES, LONG REACH EXCAVATOR, EXCAVATOR, END LOADER, SKIDSTEER, LIGHT TOWER

Signed: [signature] Date: 9/16/10

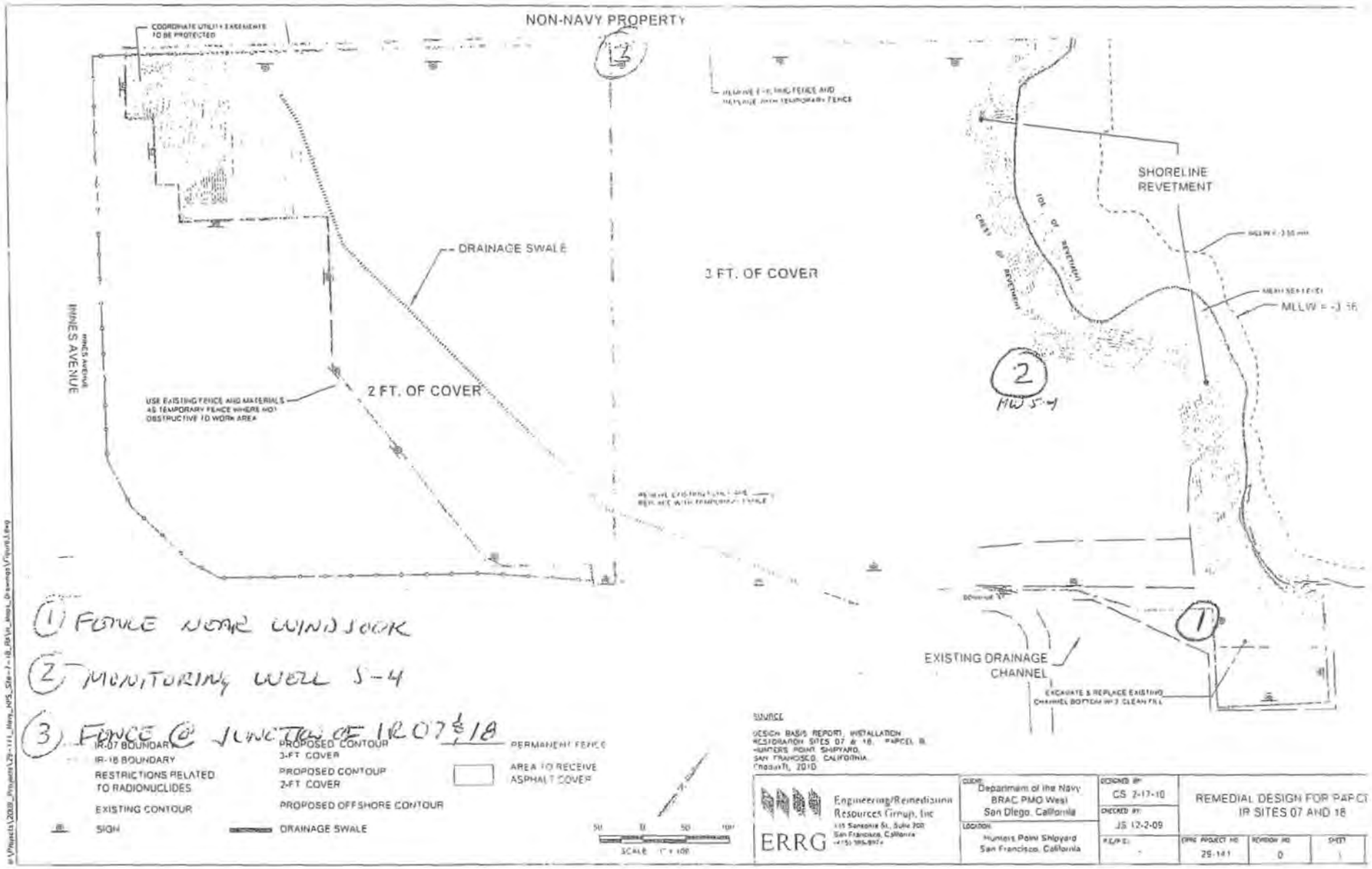
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC. ~~PID~~	~~DataRAM~~ TWA	Comments	dBA
#3	9/16/10	0704	0.028	0.029	10973	55.5
#2		0807	0.030	0.030	10972	64.0
#1		0710	0.048	0.045	10971	70.4
#1		1050	0.031	0.039	10971	62.3
#2		1053	0.042	0.031	10972	74.4
#2		1246	0.030	0.028	10972	70.2
#3		1255	0.015	0.021	10973	62.7
#1		1304	0.025	0.035	10971	64.2
#3		1430	0.022	0.021	10973	55.4
#2		1435	0.024	0.026	10972	71.1
#1 BATTERY DEAD		1440	—	—	10971	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
DRAINAGE SWALE
2 FT. OF COVER
3 FT. OF COVER
HINES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW = -3.16
2
MW S-4
1
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 3' CLEAN FILL
3
(1) FENCE NEAR WINDSOCK
(2) MONITORING WELL S-4
(3) FENCE @ JUNCTION OF IR07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, (TRIDENT, 2010)
ERRG
Engineering/Remediation Resources Group, Inc
Department of the Navy BRAC PMO West San Diego, California
Hunters Point Shipyard San Francisco, California
DESIGNED BY CS 2-17-10
CHECKED BY JS 12-2-09
REVISED
REMEDIAL DESIGN FOR PAPCT IR SITES 07 AND 18
ERRG PROJECT NO 29-141
REVISION NO 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 16, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-149 through ERRG-A-IR07-152). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-137 and ERRG-A-IR07-139 through ERRG-A-IR07-145. No activity above the release criteria was identified in these surveys.
- To date, 2736 pieces of shoreline debris have been surveyed for free release with 123 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 16/SEP/10

REPORT NO 063

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Installed temporary channel crossing and culvert to the southwest of Building 146, removed bollards around groundwater wells and replaced
	barricade fencing, verified that activities performed conformed to the site clearing and demolition checklist.
03	Installed geotextile, filter rock, and riprap in upper portion of the revetment between sections B and the northwest corner of the revetment, started
	installing the filter rock wedge along the crest of the revetment, verified that activities performed conformed to the shoreline excavation and
	revetment checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231, continued
	placing debris in LLRW bins.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/16/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/16/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/10 - ongoing). Removed debris from RCA in LLRW bins (7/15/10 – ongoing). Excavated northwest property boundary cut (8/30/10 – 9/8/10). Excavated southeast property boundary cut (9/2/10 – 9/8/10). Removed decommissioned power poles (8/30/10 – 9/1/10). Removed decommissioned water features on 9/8/10. Excavated the drainage swale cut (9/10/10 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/16/2010

Shoreline Excavation and Revetment

Date: 9/16/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**				Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10 meets this requirement
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U

Requirement	Phase	Yes	No	N/A	Comments
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**				The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet		X			
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report		X			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10 meets the gradation and product description identified in the riprap submittal.
Calibration				X	

QC Manager: Elizabeth Binning	Date: 9/16/2010

Photo 1: Site Clearing and Demolition – Installation of channel crossing to bypass existing steel plate crossing.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 16, 2010

Photo 2: Site Clearing and Demolition – Replacing protective fencing around existing wells after removal of the bollards.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 16, 2010

Photo 3: Radiological Screening and Remediation – Removal of scanned concrete from the RCA to the reuse/recycle stockpile near Building 231.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 16, 2010

Photo 4: Shoreline Excavation and Revetment – Placement of filter rock wedge along crest of shoreline.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 16, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 17/SEP/10
		REPORT NO: 064

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Cool	Pt. Cloudy, Mild	64	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on loading bins with LLRW debris and concrete/brick. Crew	ERRG	1	Superintendent	8
	working on loading out rad cleared concrete on the debris screening strips	ERRG	1	Construction Manager	0
	5 loads out today to the B231 stockpile area. Ten trucks looping from Syar in	ERRG	1	Project Manager	8
	Napa with 1/4 ton rip rap- place on the west end of the revetment, stage some	ERRG	1	QC Manager	8
	along the top for placement on the crest in the areas needed. Crew working on	ERRG	1	Tech Lead	0
	placing 6" rock along the crest of the revetment on the face of the rip rap.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	8	Equipment Operators	48
		ERRG	6	Laborers	19
		ERRG	4	Truck Drivers	15
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	154
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	9530.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9684.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	25 loads of 1/4 ton rip rap

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	5 loads of concrete out today to the B231 stockpile area

James Nores — CONTRACTOR/SUPERINTENDENT

9/17/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	17/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	064 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	64	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/17/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/17/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07+18, PARCEL B

TYPE OF WORK Import Rock, Finish revetment, build "triangle" of filter rock, Load out debris.

SAFETY TOPICS PRESENTED

SAFETY TOPICS WET SURFACES, ROCKS, TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS ROCKS, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
VICENTE VALENCIA	ERRG	Vicente Valencia
William Schmidt	ERRG	
Roberto Aguilera	ERRG	
OSCAR ORTEGA	ERRG	
Vitiquan LUGI	ERRG	
Fernando Lara	ERRG	
DAVID HASAK	ERRG	David Hasak
Scott Walter	AWAS/ERRG	
Boris Porath	ERRG	Boris Porath
Ken Hoyle	ERRG	
RUSSELL JACKSON	HARRIS/ERRG	
Tanner Bennett	ERRG	
Sharon Gallagher	NWT	
JASON WALTHER	NWT	
Adam Berry	NWT	
LISA BROUSSARD	NWT	
KEMANHI	BINDA	
Mike Rogers	SAHOTI	

Health & Safety Officer DICK [illegible]

SIGNATURE

SUPERINTENDENT JAMES NUNES

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

DATE 9/17/10 **TIME** — **PROJECT NUMBER** 29-141

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Amar J. Singh	A.J. Trucking	Amar [illegible]
Jesse Bungo	Roby TRK	[illegible]
Kuldip	BRAR Tru	[illegible]
Gurdeep	JBE	[illegible]
Barry Sahota	Binda	[illegible]
Balwant S Gil	Harman	[illegible]
Paul Singh	Binda Trucking	[illegible]
Liz Binning	[illegible]	[illegible]
Shanti Mantyang	[illegible]	[illegible]
Pierre Armajed	Subtronic	[illegible]

Health & Safety Officer _____ **SUPERINTENDENT** _____

SIGNATURE _____ **SIGNATURE** _____

DAILY FIELD ACTIVITY LOG

RG

Prepared by: Richard Epp
Client: Dept of the Navy
Day: FRIDAY
Date: 9/17/10
Project Name: HPS Remediation Sites 7-18 Parcel B, Hotspots
Project No.: 29-141
Weather: CLOUDY, FOG – CLEARING
Page: 1 of 1
Site Visitors: See Tailgate Sign In Log.
Description of Field Activities:

0630 SAFETY TAILGATE – WET SURFACES ON EQUIPMENT, ROCK DELIVERIES

CONTINUING PLACING RIP RAP ON NW END OF SHORELINE REVETMENT AND FILTER ROCK AT TOP OF RIPRAP OVER FABRIC.

HAULING CONCRETE TO RECYCLE THAT HAS BEEN CLEANED

ASSISTING TETRA TECH WITH RUBBLE SCANNING

LOADING LL WASTE INTO LLW BINS

EQUIPMENT IN USE: 2 DUMP TRUCKS, 3 WATER TRUCKS, 2 BACKHOES, LONG REACH EXCAVATOR, EXCAVATOR, END LOADER, SKID STEER

Signed: RMEpp
Date: 9/17/10

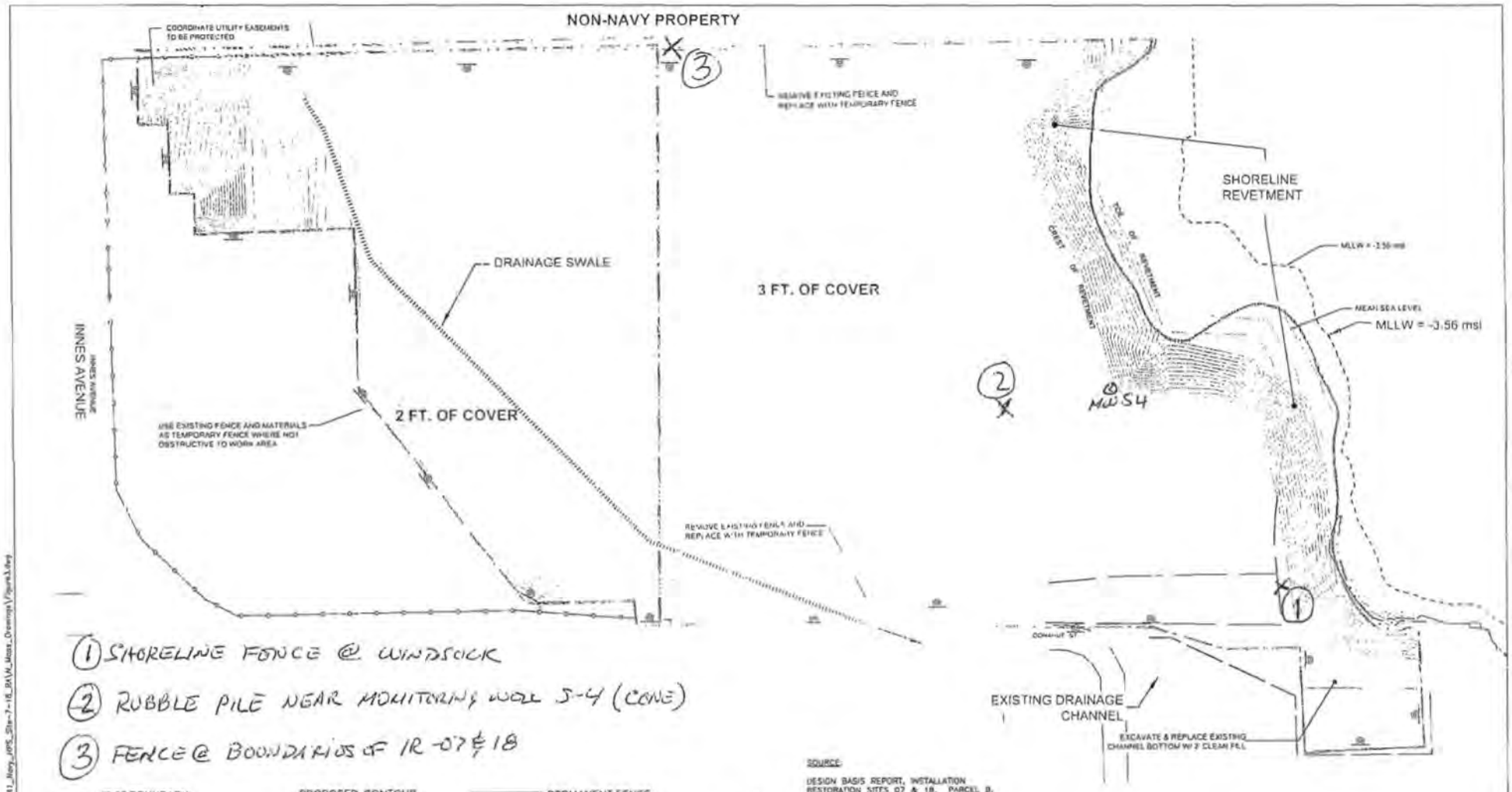
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK OPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument PID	Instrument DataRAM	Comments	dBA
#3	~~09~~ 9/17/10	0706	0.040	0.036	10973	55.1
#1		0717	0.031	0.031	10971	72.2
#2		0815	0.024	0.090	10972	75.2
#1		0833	0.039	0.032	10971	68.1
#3		0945	0.027	0.033	10973	58.2
#2		0949	0.031	0.078	10972	68.1
#1		0952	0.028	0.032	10971	72.4
#3		1055	0.031	0.031	10973	61.3
#2 SPRAYED		1059	0.061	0.079	10972	72.3
#1		1102	0.034	0.033	10971	66.1


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
MLLW = -3.56 msl
MEAN SEA LEVEL
MLLW = -3.56 msl
TOE OF REVETMENT
CREST OF REVETMENT
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
MW S4
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 3' CLEAN FILL
(1) SHORELINE FENCE @ WINDSOCK
(2) RUBBLE PILE NEAR MONITORING WELL S-4 (CONE)
(3) FENCE @ BOUNDARIES OF IR-07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
50 0 50 100
SCALE: 1" = 100'
SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, CheduxTI, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
(415) 399-9974
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DRAWN BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.C./P.E.:
REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
DWG PROJECT NO 29-141
REVISION NO. 0
SHEET 1
FIGURE NO. 3

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: D6N LGP **Identification Number:** JV6N73

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9-13-10 RS			9-14-10 RS			9-15-10 RS			9-16-10 DH						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: WATER TRUCK HARRIS **Identification Number:** 8E72320

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	00 9-13-10			00 9-14-10			60 9-15-10			60 9-16-10			9-17-10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
	~~111~~ 111			21-72 36 4W												

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 325 LONG REACH **Identification Number:** AJ6C47

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	RT 9/13/10			RT 9/14/10			RT 9/15/10			RT 9/16/10			RT 9/17/10			Defect(s):
Heavy Equipment Defects	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: OFF ROAD **Identification Number:** M15113

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/13/10 FL			9/14/10 FL			9-15-10 DH			9-16-10 DH			9-17-10 DH			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	WATER A LITTLE LOW
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☐ ?	☐	☐	☐	☒	☐	☐	☒	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☒	☐	☒	☐	☐	
Windshield wipers operative?	☐	☒	☐	☐	☒	☐	☒	☒	☐	☐	☒	☐	☐	☒	☐	FRONT NOT WORKING
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

PX6 836

Equipment Type: 950 H wheel loader **Identification Number:** 950 H + 2

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☐

Heavy Equipment Defects

Inspected By (Initials) And Date:	9/13/10			9/14/10			9/15/10			9/16/10			9/17/10			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☑	☐	☐	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: 9/13/10 Slight leak LF Tire
9/14/10 tire Repaired small Nail tire was R&R
Patched

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

DAB559

Equipment Type: Skidsteer **Identification Number:** TL 130

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	RA 9-13-10			RA 9-14-10			RA 9-15-10			FL 9-16-10			FL 9-17-10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	
Tracks	☑	☐	☐	☑	☐	☐	☐	☒	☐	☑	☐	☐	☑	☐	☐	LEFT SIDE TRACK DAMAGED NEED KNEW 1
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: TOLD JIM WHIDET CAME AND FIXD PROBLEM :)
SMALL BENT ON REAR DOOR

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST UT6D64

Equipment Type: BACK HOE **Identification Number:** 221-05-0226

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	WILL 9-13-10			9-14-10 RA			9-15-10 RA			9-16-10 RA			9-17-10 RA			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☒	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken: FITTING LEAKING SLIGHTLY ON BACKHOE NEAR TOP KNUCKLE

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200C Excavator **Identification Number:** BL7X87

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/13 BP			9/14 BP			9/15 BP			9/16 BP			9/17 BP			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	Hydraulic leak
Tracks	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Steps and handgrips	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	Pins for tooth
Guards on moving parts?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	~~Missing~~ Broken
Engine belts and hoses	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Fluid levels acceptable?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Loading/lifting capacity marked?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Seat belt operative?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Fire extinguisher present?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Windows and mirrors unbroken?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Gauges operative?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Battery charged?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Windshield wipers operative?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Horn operative?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Back up alarm operative?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Lights and signals operative?	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Steering and other controls	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	
Brakes	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	☐	☐	X	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: OFF ROAD DUMP TRUCK **Identification Number:** M15397

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 9-13-10			FL 9-14-10			9-15-10 DH			WL 9-16-10			WL 9/17/10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☐	☐	☒	☒	☐	☒	☐	☐	☒	Needs charge
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☐	☑	☐	☐	☑	☐	☒	☒	☐	☑	☒	☐	☐	☒	☐	Fuel gauge doesn't work SOMETIMES
Battery charged?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

E45 C98

Equipment Type: BALT Hoke **Identification Number:** 310 C

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9-13-10 RM			9-14-10 RM			9-15-10 FL RM			9-16-10 OG RM			9-17-10 RM			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☐	☐	☒	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

UNIT 703

Equipment Type: water truck 2K **Identification Number:** 854457

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	RA 9-13-10			FL 9-14-10			9-15-10 WJH			WFH 9-16-10			WFH 9-17-10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓		✓	✓			X			X			X			
Tracks			✓			✓			X			X			X	
Steps and handgrips	✓			✓			X			X			X			
Guards on moving parts?	✓			✓			X			X			X			
Engine belts and hoses	✓			✓			X			X			X			
Fluid levels acceptable?	✓			✓			X			X			X			
Loading/lifting capacity marked?	✓			✓			X			X			X			
Seat belt operative?	✓			✓			X			X			X			
Fire extinguisher present?	✓			✓			X			X			X			EXP DATE 2-06
Windows and mirrors unbroken?	✓			✓			X			X			X			
Gauges operative?	✓			✓			X			X			X			
Battery charged?	✓			✓			X			X			X			
Windshield wipers operative?	✓			✓			X			X			X			
Horn operative?	✓			✓			X			X				X		
Back up alarm operative?	✓			✓			X			X			X			
Lights and signals operative?	✓			✓			X			X			X			
Steering and other controls	✓			✓			X			X						
Brakes	✓			✓			X			X						

Explain corrective actions taken: MISSING REAR RIGTH MUD FLAP, HORN IS NOT WORKING AT THIS

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Water truck 4K CRS10 - 163 **Identification Number:** CRS10 163

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐ W/E 9/19/10

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	Mon 9/13 KM			Tues 9/14 KM			Wed 9/15 KM			Thurs 9/16 KM			Fri 9/17 KM			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?	✓			✓			✓			✓			✓			
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?	✓			✓			✓			✓			✓			
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?	✓			✓			✓			✓			✓			
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?	✓			✓			✓			✓			✓			
Lights and signals operative?	✓	✓		✓	✓		✓	✓		✓	✓		✓	✓		Short in Rear lights
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: generator **Identification Number:** 815336 site#1

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/13/10 WS			9/14/10 WS			9/15/10 WS			9/16/10			9/17/10 WS			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Guards on moving parts?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Fire extinguisher present?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Back up alarm operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Lights and signals operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steering and other controls	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Brakes	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	

Explain corrective actions taken: Refueled 9/14/10; 9/15/10
added oil 9/16/10 - ½ quart

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: generator **Identification Number:** 814776 site #~~3~~ 4 WS

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐✓ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/13/10 WS			9/14/10 WS			9/15/10			9/16/10			9/17/10 WS			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Tracks	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Steps and handgrips	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Guards on moving parts?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Engine belts and hoses	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Fluid levels acceptable?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Loading/lifting capacity marked?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Seat belt operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Fire extinguisher present?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Windows and mirrors unbroken?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Gauges operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Battery charged?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Windshield wipers operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Horn operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Back up alarm operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Lights and signals operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Steering and other controls	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Brakes	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	

Explain corrective actions taken: Refueled 9/14/10, 9/15/10
added oil 9/16 - 1 quart

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 17, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on the concrete and debris previously removed from the shoreline (ERRG-A-IR07-153 through ERRG-A-IR07-156). A total of 144 pieces were surveyed. In addition, 144 swipe samples were collected from the concrete pieces and submitted to the on-site laboratory for analysis. Shoreline debris surveying completed.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-146 through ERRG-A-IR07-150. No activity above the release criteria was identified in these surveys.
- To date, 2808 pieces of shoreline debris have been surveyed for free release with 123 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 17/SEP/10

REPORT NO 064

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Verified that activities performed conformed to the site clearing and demolition checklist.
03	Continued installing riprap in upper portion of the revetment between sections B and the northwest corner of the revetment, continued installing
	the filter rock wedge along the crest of the revetment, verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231, continued
	placing debris in LLRW bins.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/17/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/17/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/10 - ongoing). Removed debris from RCA in LLRW bins (7/15/10 – ongoing). Excavated northwest property boundary cut (8/30/10 – 9/8/10). Excavated southeast property boundary cut (9/2/10 – 9/8/10). Removed decommissioned power poles (8/30/10 – 9/1/10). Removed decommissioned water features on 9/8/10. Excavated the drainage swale cut (9/10/10 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/17/2010

Shoreline Excavation and Revetment

Date: 9/17/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	9/17/2010

Photo 1: Site Clearing and Demolition – Loading LLRW bins with site debris.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 17, 2010

Photo 2: Site Clearing and Demolition – Cleaning off sheetpile debris on decon pad for scanning and recycle.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 17, 2010

Photo 3: Shoreline Excavation and Revetment – Partially completed filter rock wedge fill on backside of revetment crest.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 17, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 20/SEP/10
		REPORT NO: 065

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, Cool	Pt. Cloudy, Mild	64	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on loading LLRW bins. Load 7 bins today w/debris and	ERRG	1	Superintendent	8
	vegetation. Load out rad released concrete to the B231 stockpile area.	ERRG	1	Construction Manager	8
	Crew working on pulling up asphalt curb on the eastern perimeter.	ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	Tech Lead	0
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	2	Equipment Operators	16
		ERRG	0	Laborers	0
		ERRG	0	Truck Drivers	0
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	96
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	9684.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9780.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	5 loads of concrete out today to the B231 stockpile area

James Nores — CONTRACTOR/SUPERINTENDENT

9/20/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	065 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	64	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/20/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/20/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, Parcel B

TYPE OF WORK Load Bins, place Rocks top of revetment

SAFETY TOPICS PRESENTED

SAFETY TOPICS SMALL CREW, BE OBSERVANT.

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Russell Jackson	HARRIS/ERRG	[signature]
Tanner Bennett	ERRG	[signature]
William Schmidt	ERRG	[signature]
Scott Wright	HWS/ERRG	[signature]
JASON WALTHER	NWT	[signature]
[illegible]	TTERI	[signature]
LISA BROUSSARD	NWT	[signature]
Sharon Gallagher	NWT	[signature]
JACOB JOAB	SEALASKA ENV. SVCS	[signature]
James Reissente	URS	[signature]
Keith Fenoe	HP	[signature]
JOHN SOURIAS	ERRG	[signature]
Jose Lopez	DGE	[signature]
Liz Binning	ERRG	[signature]
Shanti Montgomery	TTEC	[signature]

Health & Safety Officer DICK EPP

SIGNATURE [signature]

SUPERINTENDENT JAMES NODES

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	Monday	Date:	9/20/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – BG OBSERVING, SMALL CREW

CONTINUING TO PLACE FILTER ROCK AGAINST FILTER FABRIC AT CREST OF SHORELINE REVETMENT.

LOADING LL WASTE INTO LLW BINS

ASSISTING TETRA TECH WITH RUBBLE SCANNING.

SES ON SITE, DRILLING A NEW WELL ON THE EAST EDGE OF THE SITE NEXT TO BLDG. 146.

TETRA TECH TOWED ARRAY WORKING ON SPOIL PILE.

BEGAN EXCAVATING TAR/ROCK EMULSION ON EAST SIDE OF IR-07.

EQUIPMENT IN USE: BOBCAT LOADER, LONG REACH EXCAVATOR, DUMP TRUCK & WATER TRUCKS, EXCAVATOR, SKIDSTEER, LIGHT STAND

Signed: RE Epp Date: 9/20/10

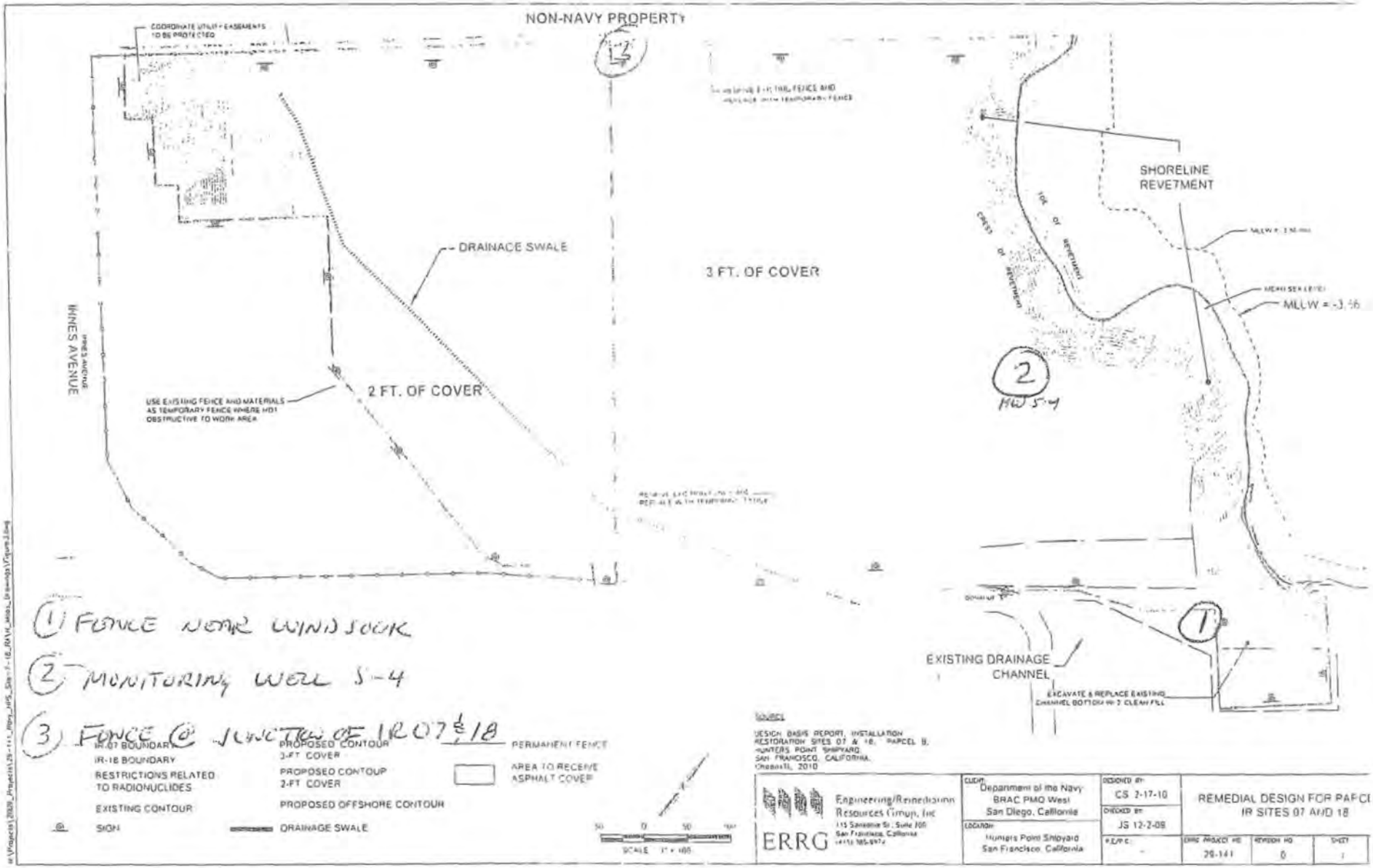
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR 13.05

Location	Date	Time	Instrument: CONC ~~PID~~	~~DataRAM~~	Comments	dBA
#3	9/20/10	0736	0.000	0.000	10973	55.1
#2		0757	0.048	0.046	10972	55.3
#1		0800	0.046	0.050	10971	59.9
#1		0809	0.053	0.059	10971	58.9
#2		0857	0.047	0.049	10972	61.4
#3		0919	0.000	0.000	10973	55.4
#2		0927	0.043	0.047	10972	60.4
#1		0930	0.048	0.055	10971	60.8
#2		1310	0.038	0.047	10972	71.1
#3		1319	0.000	0.000	10973	54.8
#1		1328	0.035	0.050	10971	61.7
#3		1422	0.000	0.000	10973	57.1
#2		1428	0.039	0.046	10972	74.8
#1		1431	0.041	0.048	10971	70.5


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
3
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
HINES AVENUE
SHORELINE REVETMENT
MLLW = -3.46
2
MW S-4
1
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2 CLEAN FILL
(1) FENCE NEAR WINDSOCK
(2) MONITORING WELL S-4
(3) FENCE @ JUNCTION OF IR07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, October 16, 2010
ERRG
Engineering/Remediation Resources Group, Inc
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
REMEDIAL DESIGN FOR PARCEL
IR SITES 07 AND 18
ERRG PROJECT NO 26-141
REVISION NO 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 20, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-151 through ERRG-A-IR07-153. No activity above the release criteria was identified in surveys ERRG-A-IR07-151 and ERRG-A-IR07-153. For survey ERRG-A-IR07-152, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-152-028	to be designated

- To date, 2808 pieces of shoreline debris have been surveyed for free release with 124 pieces not meeting the free release criteria and will be disposed of as LLRW.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 20/SEP/10

REPORT NO 065

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Removed the asphalt curb near the southwest property line, verified that activities performed conformed to the site clearing and demolition
	checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231, continued
	placing debris in LLRW bins.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/20/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Site Clearing and Demolition

Date: 9/20/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/20/2010

Shoreline Excavation and Revetment

Date: 9/20/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	9/20/2010

Photo 1: Site Clearing and Demolition – Loading out radiologically scanned and cleared concrete for removal from the RCA.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 20, 2010

Photo 2: Site Clearing and Demolition – Removal of the asphalt curb near the southwest property line.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 20, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 21/SEP/10
		REPORT NO: 066
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Clear, Cool	PM WEATHER: Pt. Cloudy, Mild	MAX TEMP (F): 67 / MIN TEMP (F): 53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on loading LLRW bins. Load 7 bins today w/debris and	ERRG	1	Superintendent	8
	vegetation. Load out rad released concrete to the B231 stockpile area.	ERRG	1	Construction Manager	8
	Crew working on scraping up the chip seal/AC on the east perimeter of IR07	ERRG	1	Project Manager	8
	Crew cut and sized metal debris to fit into recycle bin. Tetra Tech towed array	ERRG	1	QC Manager	8
	machine on site to begin rad screen of survey units 6-10.	ERRG	1	Tech Lead	0
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	2	Equipment Operators	16
		ERRG	0	Laborers	0
		ERRG	0	Truck Drivers	0
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 96
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 9780.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 9876.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	2 loads of concrete out today to the B231 stockpile area

James Nores — CONTRACTOR/SUPERINTENDENT

9/21/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	066 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	67	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/21/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/21/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK HAUL CLEANED RUBBLE TO RECYCLE, LOAD WASTE BINS

SAFETY TOPICS PRESENTED

SAFETY TOPICS OPERATOR SAFETY, BE OBSERVANT

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN SURFACES, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Ty Appel	ERRG	[signature]
Scott Worthy	Harris/ERRG	[signature]
Alan Bem	Tech	[signature]
JASON WALTHER	NWT	[signature]
LISAD BREUSSARD	NWT	[signature]
Sharon Gallagher	NWT	[signature]
William Schmidt	ERRG	[signature]
Liz Binning	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
RUSSELL JACKSON	HARRIS/ERRG	[signature]

Health & Safety Officer Dick Lamp

SIGNATURE [signature]

SUPERINTENDENT James Noyes

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	9/21/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	OVERCAST	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – OPERATOR ATTENTION, FLAMMABLES.

HAULING CLEANED DEBRIS TO RECYCLE.

LOADING LL WASTE INTO LLW BINS.

TOWED ARRAY SCANNING SPOIL ON PAD PAD.

TAILGATE FOR FLAME CUTTING RAILS TO SIZE, COMPLETED PERMIT.

CUTTING OIL/ROCK EMULSION FROM SURFACE AREA, S.E. SIDE OF IR-07.

TOUCH-UP RIP RAP AT CROWN OF REVETMENT.

EQUIPMENT IN USE: DUMP TRUCK, EXCAVATOR, 2 WATER TRUCKS, BULLDOZER, END LOADER, SKID STEER.

Signed: [signature] Date: 9/21/10

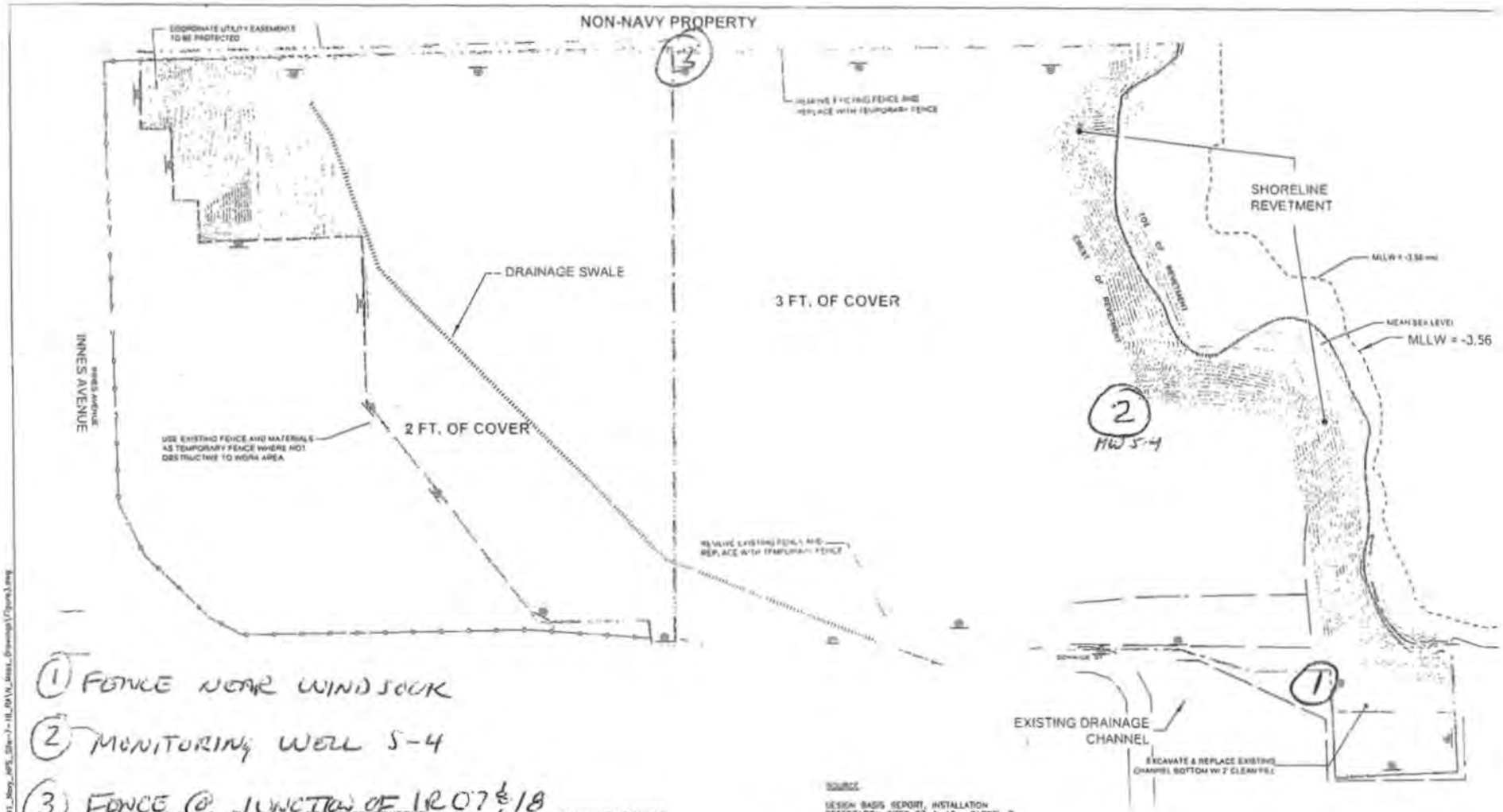
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/21/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument: CONE ~~PID~~	Instrument: TSI ~~DataRAM~~	Comments	dBA
#3	9/21/10	0705	0.000	0.000	10973	52.6
#2		0708	0.054	0.055	10972	59.6
#1		0710	0.065	0.063	10971	64.9
#1		0902	0.062	0.066	10971	65.3
#2		0916	0.056	0.059	10972	65.3
#3		1013	0.000	0.000	10973	57.5
#2		1021	0.051	0.058	10972	69.9
#1		1023	0.059	0.067	10971	66.0
#2		1338	0.053	0.058	10972	78.8
#3		1342	0.000	0.000	10971	71.3
#3		1420	0.000	0.000	10971	64.4
#2		1430	0.057	0.058	10972	50.3
#1 Battery Dead		1435	—	—	10971	—



(1) FENCE NEAR WINDSOCK

(2) MONITORING WELL S-4

(3) FENCE @ JUNCTION OF IR07 & 18

IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER

SCALE 1" = 100'

SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, CH2MHILL, 2010

ERRG Engineering/Remediation Resources Group, Inc
145 Sansome St., Suite 200
San Francisco, California
(415) 395-0974

CLIENT: Department of the Navy BRAC PMO West San Diego, California

LOCATION: Hunters Point Shipyard San Francisco, California

DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.G.:

REMEDIAL DESIGN FOR PARCE IR SITES 07 AND 18

ERRG PROJECT NO.	REVISION NO.	SHEET
29-141	0	1

c:\Projects\2009_Projects\29-141_Navy_HPS_Site-7-18_04\N_Innes_Drawings\Figure3.dwg

ENGINEERING / REMEDIATION RESOURCES GROUP, INC.			
Document:	HOT WORKS PERMIT		
Revision #:	1.0	Document #:	EHS-003
Revision Date:	3 November 2005	Page:	Page 1 of 1

INFORMATION			
Date & Time: 9/21/10 @ 0630	Job #: 29-141	Job Location:	HPS
Job will be performed in an Approved / Designated Welding / Cutting Area?		☐ Yes	☒ No
If No, Job Site Location / Space ID#: IR-07 NEAR WASTE BIN LOADING AREA			
Job Supervisor: JAMES NORDS	Requested By: TYSON APPEL		

TASK INFORMATION				
Type of Hot Work:	☐ Grinding	☒ Torching	☐ Welding	☐ Heating
Work to be Done: CUTTING SCRAP METAL				
Name of Employee / Company performing Hot Work: TYSON APPEL / W. SCHMIDT / T. BENNETT				
Start Date & Time: 9/21/10 @ 0630		Date & Time Permit Expires: 9/21/10 @ 3PM		
Other Procedures Needed:	☐ Lockout / Tag Out	☐ Confined Space	☐ Line Break / Opening Equipment	
	☐ Other:			

SAFETY							
In Case of Emergency Call:	☒ 911		☐ In House / Other Number				
Fire / Rescue Equipment:	☐ Harness and Lifeline		☐ Hoisting Equipment		☐ SCBA		
☐ Fire Extinguisher:	☐ A	☐ B	☐ C	☐ D	☐ A-B	☐ A-B-C	☐ B-C
☐ Water Line / Hose	☐ Portable Extinguisher	☐ AFFF	☐ DRY	☐ CHEM	☐ FOAM		
Other: WATER TRUCK							
Communication:	☒ Radio	☒ Hand Signals	☐ Oath Tug Method	☐ Light Signals			
Fire Watch Posted?	☐ No	☒ Yes	Name of Fire Watch: W. SCHMITT, T. BENNETT				
Is it possible to do this in the approved Welding / Cutting Work Area?			☐ Yes	☒ No			

DO NOT CUT, WELD OR USE OTHER OPEN FLAME OR SPARK PRODUCING EQUIPMENT UNTIL THE FOLLOWING PRECAUTIONS HAVE BEEN CHECKED.

Yes	No		
☒	☐	1.	Flame or spark producing equipment to be used has been inspected and found in good working condition.
☐	☐	2. N/A	Sprinklers, where provided, are in commission and will not be taken out of service while this work is being done.
☐	☒ N/A	3. N/A	There are no combustible or flammable fibers, dust, vapors, gases or liquids in the area. Tanks and equipment previously containing such materials have been purged. The absence of gases or vapors have been verified by a combustible gas detection instrument. If there is a possibility of a leak developing in nearby piping, equipment, or tanks this area is being continuously monitored.
☒	☐	4.	The work will be confined to the area or equipment specified on this permit.
☒	☐	5.	Surrounding floors have been swept clean and if combustible, wet down.
☒	☐	6.	Ample portable extinguishing equipment such as hand hose or extinguishing equipment have been provided.
☒	☐	7.	All combustibles have been relocated 35 feet from the operation and the remainder protected with metal guards or fire-proofed curtains or covers (not ordinary tarpaulins).
☐	☐	8. N/A	All floor and wall openings within 35 feet of the operations have been covered (Fire proof tarpaulins are suspended beneath work to collect sparks and protect others).
☒	☐	9.	Responsible personnel have been assigned to watch for dangerous sparks in the work area, as well as floors above and below.
☒	☐	10.	Arrangements have been made for a patrol of the area, including floors above and below, during lunch or rest periods, and for at least half hour after the work has been completed.

Hot work Employee Approval Signature: Ty Appel [signature]

Fire Watch Approval Signature: [signature]

Supervisor Approval Signature: [signature]

Safety Manager Approval Signature: [signature]

Date & Time Expired: 9/21/10 @ 1130 Signature: [signature]

Job Completed: ☒ YES ☐ NO Incident? ☐ YES ☒ NO

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 21, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- The RSO provided the analytical results for the ancillary surveys performed on the concrete pieces for surveys ERRG-A-IR07-154 through ERRG-A-IR07-156. No activity above the release criteria was identified in surveys ERRG-A-IR07-154 and ERRG-A-IR07-155. For survey ERRG-A-IR07-156, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-156-016	to be designated

- As a result of the shoreline reconstruction, a total of 2808 pieces of shoreline debris have been surveyed for free release with 125 pieces not meeting the free release criteria and will be disposed of as LLRW.
- Towed array gamma surveys have been performed on Screening Units 6 through 10.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 21/SEP/10

REPORT NO 066

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Scraped up the chip seal aggregate in the southern corner of IR-07 and stockpiled for removal, cut and resized metal debris for recycle,
	verified that activities performed conformed to the site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231, continued
	placing debris in LLRW bins, performed towed array radiological scan of survey units 6-10 on the rad pad.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/21/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Site Clearing and Demolition

Date: 9/21/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – ongoing).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – ongoing)
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/21/2010

Shoreline Excavation and Revetment

Date: 9/21/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	9/21/2010

Photo 1: Site Clearing and Demolition – Removing debris and placing it into LLRW bins.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 21, 2010

Photo 2: Site Clearing and Demolition – Sizing metal debris to fit into disposal bins for recycle.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 21, 2010

Photo 3: Site Clearing and Demolition – Removal of chip seal area in southern corner of IR-07.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 21, 2010

Photo 4: Radiological Screening and Remediation – Towed array radiological scanning of survey units 6-10.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 21, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 22/SEP/10
		REPORT NO: 067
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Clear, Cool	PM WEATHER: Pt. Cloudy, Mild	MAX TEMP (F): 67 / MIN TEMP (F): 53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew finish loading LLRW bins. Load 7 bins today w/debris and	ERRG	1	Superintendent	8
	vegetation. Load out rad released concrete to the B231 stockpile area.	ERRG	1	Construction Manager	8
	Crew finish scraping up the chip seal/AC on the east perimeter of IR07	ERRG	1	Project Manager	8
	Crew finish hauling cleared concrete and asphalt to the B231 stockpile area	ERRG	1	QC Manager	8
	and the asphalt recycle area. Crew mobilize to hot spot excavation area	ERRG	1	Tech Lead	0
	BA-22 to excavate the portion inside the Shaw work area. Tetra Tech set up	ERRG	1	H&S Officer	8
	an RCA, ERRG excavated ~12" of material, collected confirmation samples	ERRG	2	QC Staff	16
	and transport the excavated material to our stockpile area. Place the material	ERRG	2	Equipment Operators	16
	on visqueen and cover with visqueen.	ERRG	0	Laborers	0
	Tetra Tech towed array unit completed screening survey unit 11.	Espinoza	2	Surveyors	16
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 112
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 9876.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 9988.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS
	2 loads of concrete out today to the B231 stockpile area
	1/4 load of asphalt curb to the Tetra Tech AC recycle area
	7 LLRW bins out today

James Nores — CONTRACTOR/SUPERINTENDENT

9/22/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	067 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	67	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

9/22/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/22/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION

TYPE OF WORK Load bins, Loadout conc. Loutout AC Hot spot ex

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRAFFIC, EQUIPMENT, CHANGING TASKS, NOVICE OPERATORS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS ROCKS, EQUIPMENT, UNEVEN SURFACES.

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Adam Bem	Teri	[signature]
William Schwardt	ERRG	[signature]
Tanner Bennett	ERRG	[signature]
RUSSELL JACKSON	HARRIS/ERRG	[signature]
Scott Worth	[illegible]	[signature]
JAMES NOVES	[illegible]	[signature]
JOHN SOURIAL	ERRG	[signature]
Juan Wouth	[illegible] ESPINOSA	[signature]
JR. RUIZ	[illegible] ESPINOSA	[signature]

Health & Safety Officer DICK GRP

SIGNATURE [signature]

SUPERINTENDENT James Noves

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by: Richard Epp
Client: Dept of the Navy
Day: WEDNESDAY
Date: 9/22/10
Project Name: HPS Remediation Sites 7-18 Parcel B, Hotspots
Project No.: 29-141
Weather: CLEAR + WINDY
Page: 1 of
Site Visitors: See Tailgate Sign In Log.
Description of Field Activities:

0630 SAFETY TAILGATE – EQUIPMENT, NEWICE DRIVERS, HOT SPOT AHA REVIEW.

CONTINUE SCRAPING UP EMULSIFIED ROCK/OIL/TAR.

CONTINUE LOADING LL WASTE INTO LLW BINS, COMPLETED ALL ON SITE

CONTINUE HAULING CLEANED CONCRETE TO RECYCLE, COMPLETED ALL ON SITE

COMPLETED TOWED ARRAY SCAN OF SPOIL ON RAD SCANNING PAD.

EXCAVATE HOT SPOT BA-22 (D-1), COMPLETED

PLACING RAPRAP ON CROWN OF REVETMENT IN LOW PLACES.

EQUIPMENT IN USE: EXCAVATOR, END LOADER, 2 WATER TRUCKS, DUMP TRUCK
BACKHOE

Signed: [signature] Date: 9/22/10

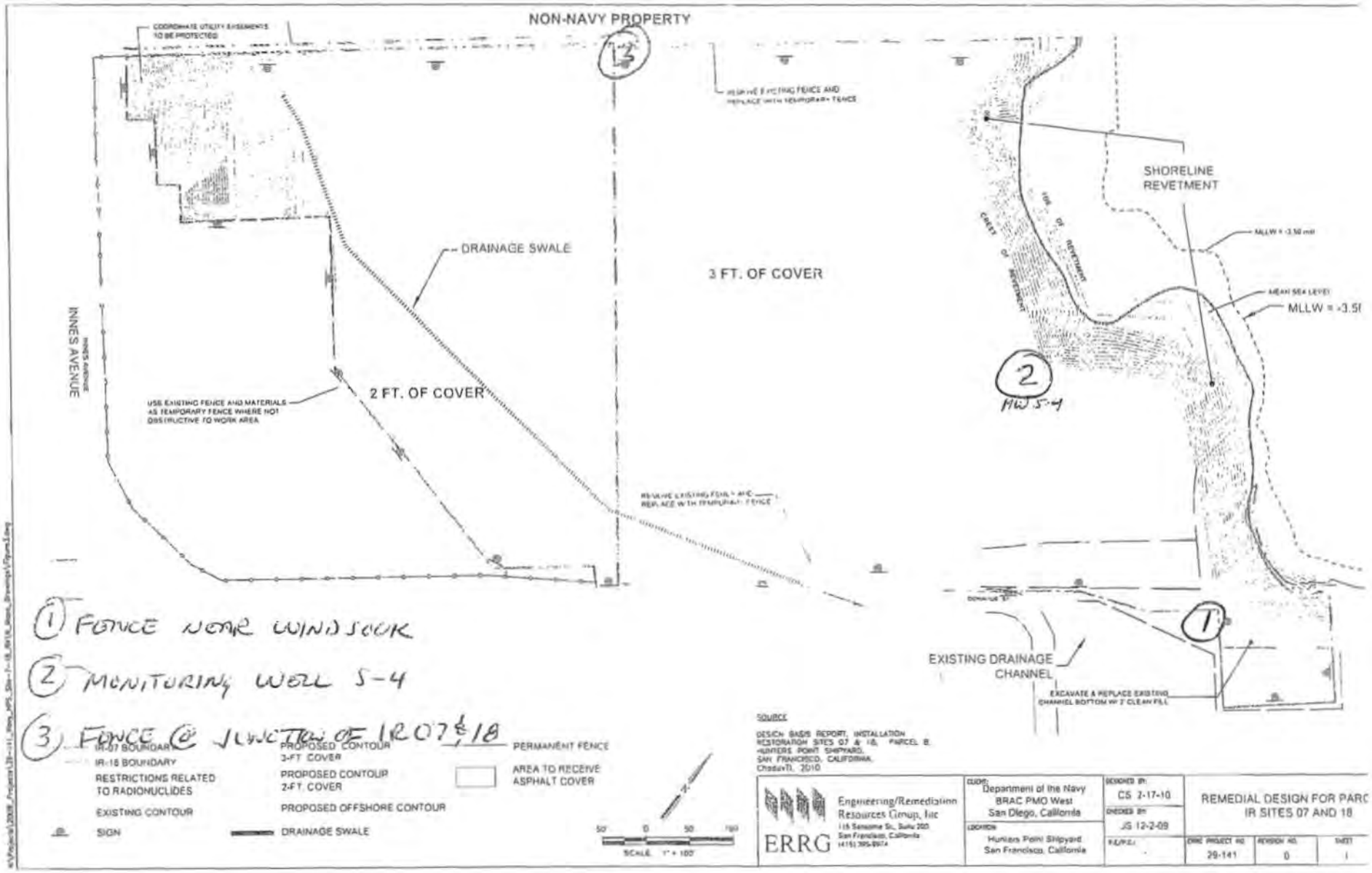
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/22/10

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR GAS

Location	Date	Time	Instrument ONE ~~PID~~	Instrument TWA ~~DataRAM~~	Comments	dBA
#3	9/22/10	0715	0.000	0.000	10973	53.5
#2		0720	0.064	0.062	10972	77.5
#1		0723	0.070	0.070	10971	69.3
#3 RECALIBRATED		0806	0.013	0.015	10973	54.0
#2		0832	0.057	0.063	10972	71.4
#1		0835	0.068	0.066	10971	74.1
#2		1034	0.064	0.061	10972	66.4
#1		1047	0.065	0.068	10971	57.9
#2		1354	0.052	0.059	10972	77.1
#1		1406	0.061	0.067	10971	80.1
#3		1441	0.010	0.009	10973	52.8
#2		1444	0.055	0.059	10972	66.6
#1 BATTERY DEAD		1448	—	—	10971	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
3
RESERVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
DRAINAGE SWALE
3 FT. OF COVER
MLLW = -3.50 mll
MEAN SEA LEVEL
MLLW = -3.5f
INNES AVENUE
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
2
MW S-4
RESERVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
1
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
1 FENCE NEAR WINDSOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
50' 0 50 100
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, October 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
(415) 395-0974
CLIENT
Department of the Navy
BRAC PMO West
San Diego, California
LOCATION
Hunters Point Shipyard
San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JG 12-2-09
REMEDIAL DESIGN FOR PARC
IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 22, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Towed array gamma survey was performed on Screening Unit 11.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 22/SEP/10

REPORT NO 067

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Finished up the chip seal aggregate in the southern corner of IR-07 and stockpiled for removal, verified that activities performed conformed to the site
	clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Rad screening of large concrete debris from shoreline, removed rad cleared concrete debris from RCA and stockpiled near Building 231, continued
	placing debris in LLRW bins, removed rad cleared asphalt curbs from RCA to TtEC asphalt recycle stockpile area, performed towed array
	radiological scan of survey unit 11 on the rad pad.
09	Excavated the delineated portion of BA22 down to 1-foot bgs and took confirmation samples, stockpiled excavation spoils in laydown area near
	Building 146.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/22/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/22/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – ongoing).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 - ongoing). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – ongoing)
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/22/2010

Shoreline Excavation and Revetment

Date: 9/22/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	9/22/2010

Photo 1: Hotspot Excavation and Backfill – Excavation of BA22 to 1-foot below ground surface.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 22, 2010

Photo 2: Hotspot Excavation and Backfill – Collection of confirmation samples along sidewalls.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 22, 2010

Photo 3: Hotspot Excavation and Backfill – Stockpiling of BA22 excavation spoils in lay down area until characterization is complete.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 22, 2010

Photo 4: Site Clearing and Demolition – Chip seal area completely removed in southern corner of IR-07.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 22, 2010

Photo 5: Radiological Screening and Remediation – Towed array radiological scanning of survey unit 11.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 22, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 23/SEP/10
		REPORT NO: 068
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Clear, Cool	PM WEATHER: Pt. Cloudy, Mild	MAX TEMP (F): 67 / MIN TEMP (F): 53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on moving the removed AC/chip seal to the ERRG stockpile area	ERRG	1	Superintendent	8
	Crew working on placing/leveling rock on the crest of the revetment.	ERRG	1	Construction Manager	8
	Crew working on picking up debris from the site.	ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	Truck driver	6
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	2	Equipment Operators	16
		ERRG	1	Laborer	2
		Espinoza	2	Surveyors	16
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 120
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 9988.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 10108.5
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	16
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores 9/23/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	23/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	068 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, Cool	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	67	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores 9/23/10

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/23/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK Move AC/base to stockpile Area, Place rip/rap on crest to grade. decon equipment

SAFETY TOPICS PRESENTED

SAFETY TOPICS CHANGING ACTIVITIES,

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN SURFACES, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Villamin [illegible]	ERRG	[illegible]
Scott Worthington	Harris/ERRG	[illegible]
RUSSELL JACKSON	HARRIS/ERRG	[illegible]
William Schmidt	ERRG	[illegible]
Adam Berry	TTEC	[illegible]
Sharon Gallagher	NWT	[illegible]
JASON WALTHER	NWT	[illegible]
Tanner Bennett	ERRG	[illegible]
Lisa Broussard	NWT	[illegible]
JR RUIZ	ESPINOSA	[illegible]
Juan Lovato	ESPINOSA	[illegible]
LIZ BINNING	ERRG	[illegible]
JACOB JOAB	SES	[illegible]
KEITH FENDRE	H&P	[illegible]
STAN KODY	SYAR	[illegible]
Shanti McNamara	TTEC	[illegible]
Bill Dougherty	TTEC	[illegible] Phil Poole

Health & Safety Officer DICK EAP **SUPERINTENDENT** James Neares

SIGNATURE [illegible] **SIGNATURE** [illegible]

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	9/23/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE - WATER (DUST CONTROL), HAULING EQUIPMENT + LOADING.

CONTINUED INSTALLING RIPRAP & FILTER ROCK ON REVETMENT CROWN.

HAULED OIL/ROCK EMULSION TO STOCKPILE IN STAGING AREA.

EQUIPMENT ON SITE: 3 WATER TRUCKS, 2 DUMP TRUCKS, EXCAVATOR, AND LOADER

Signed: [signature] Date: 9/23/10

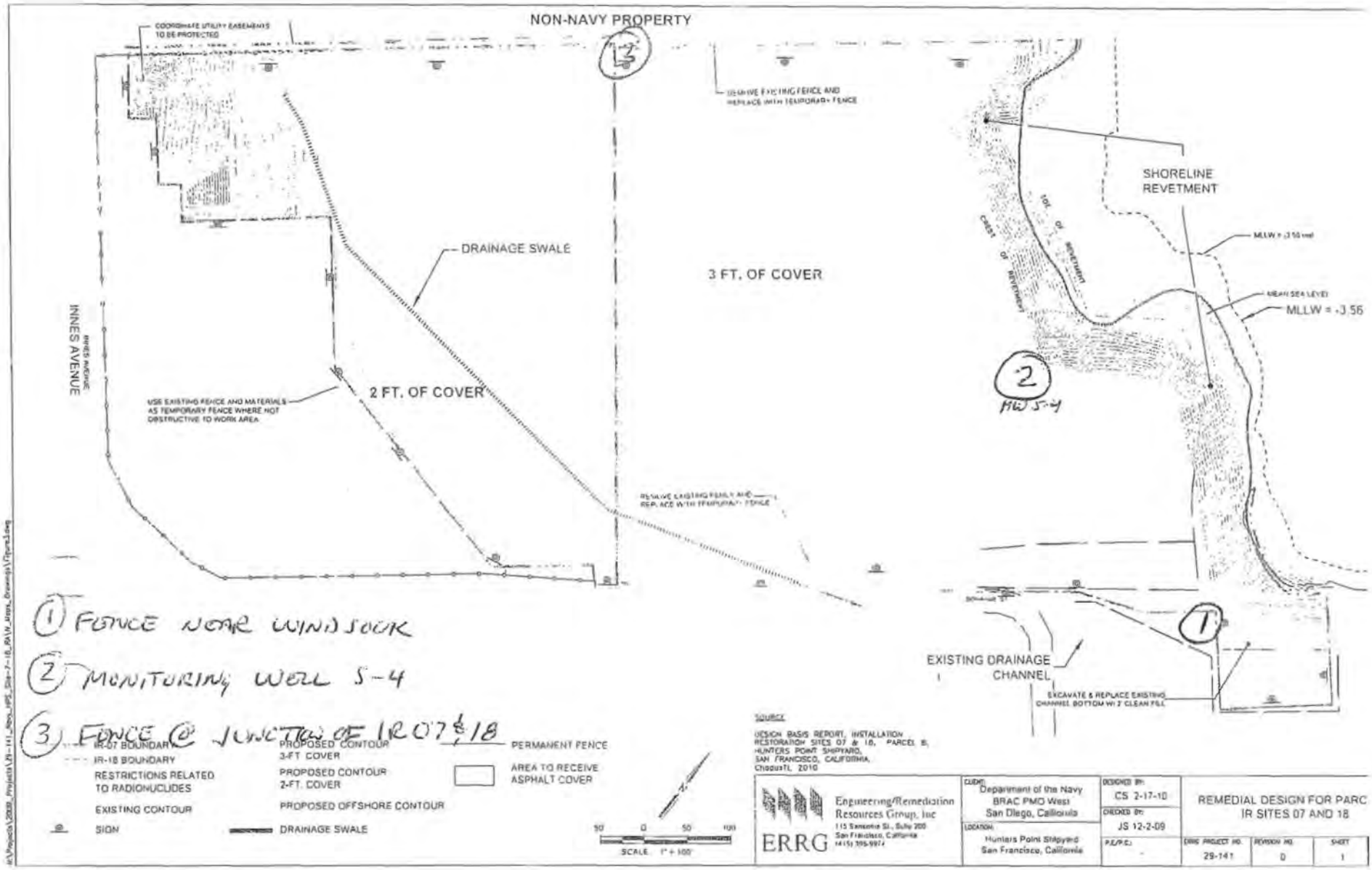
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument: CONE ~~PID~~	Instrument: TWA ~~DataRAM~~	Comments	dBA
#3	9/23/10	0654	0.030	0.027	10973	53.2
#2		0657	0.072	0.069	10972	55.1
#1		0700	0.083	0.079	10971	57.2
#2		0828	0.064	0.078	10972	62.0
#3		0842	0.016	0.024	10973	55.0
#1		0856	0.073	0.080	10971	68.7
#2		1031	0.065	0.067	10972	63.1
#1		1040	0.070	0.076	10971	55.7
#1		1221	0.060	0.075	10971	63.8
#3		1445	0.011	0.017	10973	53.9
#2		1450	0.051	0.066	10972	54.3
#1 BATTERY DEAD		1452	—	—	10971	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
DEMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
MEAN SEA LEVEL
MLLW = -3.56
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
1
2
HW S-4
3
1 FENCE NEAR WINDSOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, ChaduxTL, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
(415) 395-9974
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./P.E.: -
REMEDIAL DESIGN FOR PARC IR SITES 07 AND 18
DWG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 23, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Ancillary surveys were performed by the RCTs on metal debris that had previously been removed from the shoreline (ERRG-A-IR07-157). A total of 15 pieces were surveyed. In addition, 15 swipe samples were collected from the metal pieces and submitted to the on-site laboratory for analysis.
- The RSO provided the analytical results for the ancillary surveys performed on metal debris for survey ERRG-A-IR07-157. For this survey, the following had activity above the release criteria and will be disposed of as LLRW.

Item Number	LLRW Bin #
ERRG-A-IR07-157-006	to be designated.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 23/SEP/10

REPORT NO 068

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Finished removal of the chip seal aggregate from the southern corner of IR-07 from the RCA and stockpiled in the lay down area, verified that
	activities performed conformed to the site clearing and demolition checklist.
03	Continued constructing the crest of the revetment around the filter rock wedge, verified that activities performed conformed to the shoreline
	excavation and revetment checklist.
04	Continued placing debris in LLRW bins.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/23/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Site Clearing and Demolition

Date: 9/23/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – ongoing). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010)
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/23/2010

Shoreline Excavation and Revetment

Date: 9/23/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	X			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager:	Date:
Elizabeth Binning	9/23/2010

Photo 1: Site Clearing and Demolition – Removal of chip seal pile from RCA to stockpile in lay down area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 23, 2010

Photo 2: Site Clearing and Demolition – Completion of chip seal removal from beneath rad scanning area in IR-07.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 23, 2010

Photo 3: Shoreline Excavation and Revetment – Installation of revetment crest with filter rock wedge.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 23, 2010

Photo 4: Radiological Screening and Remediation – Surveying in grid corners for final status survey of IR-07.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 23, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	24/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	069	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	88	
MIN TEMP (F)	60	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on placing/leveling rock on the crest of the revetment, placing	ERRG	1	Superintendent	8
	metal debris in bins for recycle, decontaminating equipment for exit surveys.	ERRG	1	Construction Manager	8
		ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	2	Equipment Operators	16
		ERRG	2	Truck Drivers	6
		ERRG	4	Laborer	26
		Tetra Tech	3	Rad Techs	24

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	144
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10108.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10252.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	8
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	8
	United Rentals	Takehuchi skidsteer loader	8

Schedule Activity No.	REMARKS

James Nores 9/24/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	24/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	069 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Pt. Cloudy, Mild	
MAX TEMP (F)	88	
MIN TEMP (F)	60	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	8
	Harris Blade	Cat 735-2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	2
	Harris Blade	Cat 325 Long Reach Excavator	8
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores 9/24/10

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/24/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-03, Parcel B

TYPE OF WORK Rock placement on Revetment, decon equipment, Load Metal bin.

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD - ST+F

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN SURFACES, EQUIPMENT, WET SURFACES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
William Schmidt	ERRG	[signature]
Osvaldo Orozco	ERRG	[signature]
RAFAEL LOZA	ERRG	
ENRIQUE MARTINEZ	ERRG	[signature]
RUSSELL JACKSON	HARRIS/ERRG	[signature]
Scott Worthington	Harris/ERRG	[signature]
Villanueva Luigi	ERRG	[signature]
LISA BROUSSARD	UCOT	[signature]
Adam Ben	TEC	[signature]
Liz Binning	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]

Health & Safety Officer DICK OTT **SUPERINTENDENT** JAMES NOVES

SIGNATURE [signature] **SIGNATURE** [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	FRIDAY	Date:	9/24/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE - STYF, WET SURFACES

CONTINUING PLACING FILTER ROCK & RIP RAP ON EAST END OF REVETMENT CROWN.

DECONTAMINATING EQUIPMENT TO BE REMOVED FROM RAA.

SITE CLEANUP

METAL REMOVED FROM SITE.

EQUIPMENT IN USE: EXCAVATOR, DUMP TRUCK, 2 WATER TRUCKS, LIGHT TOWER

Signed: RPEpp Date: 9/24/10

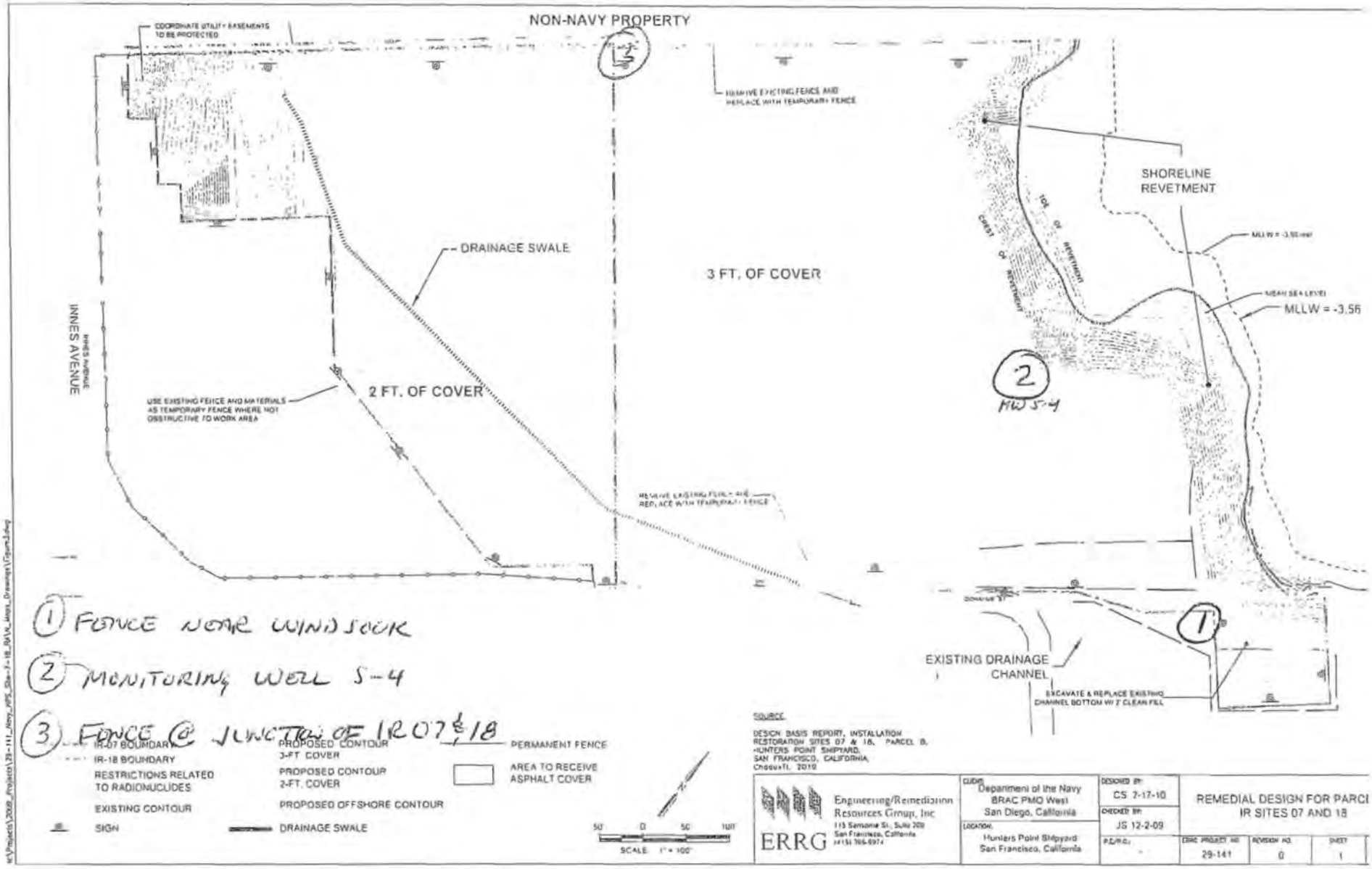
AIR MONITORING LOG SHEET

ERRG

Prepared by: Dick Epp
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2, 9/24(2) 9/24(1) 9/23 (3)

Client: US Navy
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument Cave ~~PID~~	Instrument Tub ~~DataRAM~~	Comments	dBA
#3	9/29/10	0648	0.023	0.019	10973	54.0
#1	"	0703	0.085	0.100	10971	67.7
#2 RECALIBRATE		0738	0.000	0.009	10972	60.2
#1 RECALIBRATE		0749	0.018	0.020	10971	70.2
#2		0918	0.000	0.000	10972	57.9
#1		0921	0.000	0.008	10971	65.5
#2		1029	0.000	0.000	10972	68.2
#2		1235	0.000	0.000	10972	59.3
#3		1240	0.013	0.018	10973	56.1
#1		1246	0.010	0.004	10971	83.8
#3		1427	0.012	0.017	10973	55.1
#2		1431	0.000	0.000	10972	63.1
#1 BATTERY DEAD		1435	—	—	10971	—



(1) FENCE NEAR WINDSOCK

(2) MONITORING WELL S-4

(3) FENCE @ JUNCTION OF IR07 & 18

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: generator **Identification Number:** 814776 Site#4

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/20/10 WS			9/21/10 WS			9/22/10 WS			9/23/10 WS			9/24/10 WS			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips			✓			✓			✓			✓			✓	
Guards on moving parts?			✓			✓			✓			✓			✓	
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?			✓			✓			✓			✓			✓	
Seat belt operative?			✓			✓			✓			✓			✓	
Fire extinguisher present?			✓			✓			✓			✓			✓	
Windows and mirrors unbroken?			✓			✓			✓			✓			✓	
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?			✓			✓			✓			✓			✓	
Horn operative?			✓			✓			✓			✓			✓	
Back up alarm operative?			✓			✓			✓			✓			✓	
Lights and signals operative?			✓			✓			✓			✓			✓	
Steering and other controls			✓			✓			✓			✓			✓	
Brakes			✓			✓			✓			✓			✓	

Explain corrective actions taken: Refueld 9/20/10, 9/22/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: generator **Identification Number:** 815336 site #)

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/20/10 WS			9/21/10 WS			9/22/10 WS			9/23/10 WS			9/24/10 WS			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips			✓			✓			✓			✓			✓	
Guards on moving parts?			✓			✓			✓			✓			✓	
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?			✓			✓			✓			✓			✓	
Seat belt operative?			✓			✓			✓			✓			✓	
Fire extinguisher present?			✓			✓			✓			✓			✓	
Windows and mirrors unbroken?			✓			✓			✓			✓			✓	
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?			✓			✓			✓			✓			✓	
Horn operative?			✓			✓			✓			✓			✓	
Back up alarm operative?			✓			✓			✓			✓			✓	
Lights and signals operative?			✓			✓			✓			✓			✓	
Steering and other controls			✓			✓			✓			✓			✓	
Brakes			✓			✓			✓			✓			✓	

Explain corrective actions taken: Refueled 9/20/10, 9/22/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

PX6536

Equipment Type: 950 H wheel loader **Identification Number:** 950 H L-2

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Heavy Equipment Defects

Inspected By (Initials) And Date:	9/20/10			9/21/10			9/22/10			9/23/10			9/24/10			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?	✓			✓			✓			✓			✓			
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?	✓			✓			✓			✓			✓			
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?	✓			✓			✓			✓			✓			
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?	✓			✓			✓			✓			✓			
Lights and signals operative?	✓			✓			✓			✓			✓			
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H B WATER TRUCK **Identification Number:** 8E7232

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/20/10			9/21/10			9/22/10			9/23/10			9/24/10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?	✓			✓			✓			✓			✓			
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?	✓			✓			✓			✓			✓			
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?	✓			✓			✓			✓			✓			
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?	✓			✓			✓			✓			✓			
Lights and signals operative?	✓			✓			✓			✓			✓			
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200c Excavator **Identification Number:** BL7X87

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	RJ 9-20-10			RJ 9-21-10			RJ 9-22-10			RJ 9-23-10			RJ 9-24-10			Defect(s):
Heavy Equipment Defects	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Cat 735 Haul truck **Identification Number:** M15413

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:																Defect(s):
	9/20/10			9/22/10			9/24/10									
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: WATER TRUCK **Identification Number:** 051793

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	9/20/10			9/21/10			9/22/10			9/23/10			9-24-10			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			X			X			X			X			
Tracks			✓			X			X			X			X	
Steps and handgrips	✓			X			X			X			X			
Guards on moving parts?	✓			X			X			X			X			
Engine belts and hoses	✓			X			X			X			X			
Fluid levels acceptable?	✓			X			X			X			X			
Loading/lifting capacity marked?			✓			X			X			X			X	
Seat belt operative?	✓			X			X			X			X			
Fire extinguisher present?	✓			X			X			X			X			
Windows and mirrors unbroken?	✓			X			X			X			X			
Gauges operative?	✓			X			X			X			X			
Battery charged?	✓			X			X			X			X			
Windshield wipers operative?	✓			X			X			X			X			
Horn operative?	✓			X			X			X			X			
Back up alarm operative?	✓			X			X			X			X			
Lights and signals operative?	✓			X			X			X			X			
Steering and other controls	✓			X			X			X			X			
Brakes	✓			X			X			X			X			

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: WATER TRUCK **Identification Number:** USDOT 899759

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	9/20/10			9/21/10			9/22/10			9/23/10			9-24-10 RL			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Tracks	☐	☐	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Steps and handgrips	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	step bend on the right sid
Guards on moving parts?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Engine belts and hoses	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Fluid levels acceptable?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	✓	✓	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	✓	☐	☐	✓	✓	☐	✓	☐	☐	✓	
Seat belt operative?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Fire extinguisher present?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Gauges operative?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Battery charged?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Windshield wipers operative?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	~~HORN IS NOT WORKI~~
Horn operative?	☐	☒	☐	☐	✓	✓	☐	✓	☐	☐	✓	☐	☐	☒	☐	Some times works
Back up alarm operative?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Lights and signals operative?	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Steering and other controls	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Brakes	☒	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	

Explain corrective actions taken: need new wipers , back fender on right side bend and missing mud

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 24, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 24/SEP/10

REPORT NO 069

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Verified that activities performed conformed to the site clearing and demolition checklist.
03	Continued constructing the filter rock wedge and the crest of the revetment, verified that activities performed conformed to the shoreline
	excavation and revetment checklist.
04	Finished placing debris in LLRW bins, removed rad cleared metal debris from the RCA for recycle.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/24/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Site Clearing and Demolition

Date: 9/24/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010). Removed scanned metal debris from RCA on 9/24/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010) Removed scanned metal debris from RCA on 9/24/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/24/2010

Shoreline Excavation and Revetment

Date: 9/24/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/24/2010

Photo 1: Shoreline Excavation and Revetment – Installation of filter rock wedge to complete revetment crest.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 24, 2010

Photo 2: Shoreline Excavation and Revetment – Placement of riprap along revetment crest.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 24, 2010

Photo 3: Radiological Screening and Remediation – Removal of rad screened metal debris from RCA for recycle.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 24, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	070	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, hot	
MAX TEMP (F)	82	
MIN TEMP (F)	61	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02,03,04	Crew working on placing/leveling rock on the crest of the revetment, placing	ERRG	1	Superintendent	8
	poly in lay down area in preparation of rad pad dirt stockpiling activities, started	ERRG	0	Construction Manager	0
	removing soil from survey unit 1 of the rad pad and stockpiling outside of the	ERRG	1	Project Manager	8
	RCA, removed hot spot from survey unit 5 and placed in LLRW bin, removed	ERRG	1	QC Manager	8
	asphalt chip seal from bump out area and added to chip seal/asphalt stockpile	ERRG	1	H&S Officer	8
	in laydown area, TtEC scanning IR-07 with towed array scanner.	ERRG	2	QC Staff	16
		ERRG	2	Equipment Operators	16
		ERRG	1	Truck Drivers	8
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	96
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10252.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10348.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	8
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	0
	United Rentals	Takehuchi skidsteer loader	0

Schedule Activity No.	REMARKS

James Nores 9/27/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	070 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, hot	
MAX TEMP (F)	82	
MIN TEMP (F)	61	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	0
	Harris Blade	Cat 735 Articulated Dump Trucks -2ea	16
	Harris Blade	2K Water Truck	0
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	0
	Harris Blade	Cat 325 Long Reach Excavator	2
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores 9/27/10

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/27/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR07. PARCEL B

TYPE OF WORK MOVE RCA FORCE, SCRAPE ASPHALT, DIGGING SOIL PAD TO BIN, HAUL SPOIL DIRT TO STAGING AREA

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, SPOTTERS, ROCKS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNEVEN SURFACES & WET SURFACES, ROCKS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
William Schmidt	ERRG	[illegible]
JOHN SOURIAL	ERRG	[illegible]
Tanner Bennett	ERRG	[illegible]
DAVID HASAL	ERRG	[illegible]
SCOTT [illegible]	ERRG	[illegible]
Alan [illegible]	TTEC	[illegible]
Sharon [illegible]	NWT	[illegible]
RUSSELL JACKSON	HARRIS/ERRG	[illegible]
LIZ BINNING	ERRG	[illegible]
LISA BROUSSARD	NOSST	[illegible]
Nick Bennett	RSRS	[illegible]
Shanti Montgomery	TTEC	[illegible]

Health & Safety Officer DICK ETP **SUPERINTENDENT**

SIGNATURE [illegible] **SIGNATURE**

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	9/27/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – PINCH POINTS WHEN MOVING FENCE, LIFTING, TRAFFIC PATTERNS, DUST CONTROL

COMPLETING WORK FOR THIS TIME ON REVETMENT, SHOULD FINISH TOMORROW

MOVED FENCING TO CONFORM TO FINAL ACA CONFIGURATION ON SOUTHWEST SIDE OF BLDG 146.

REMOVED ASPHALT & OIL/ROCK EMULSION FROM SMALL AREA THAT WAS UNDER THE FENCE.

TOTAL TOOL TOWED ARRAY ON SITE FOR IR-07, EAST SIDE

REMOVED HOT SPOT ON SPOIL PILE, LOADED INTO LLW BIN.

REMOVING SPOIL FROM RAD. PAD, PLACING MATERIAL ON PLASTIC IN STAGING AREA.

EQUIPMENT IN USE: LONG-REACH EXCAVATOR, EXCAVATOR, END LOADER, 2 WATER TRUCKS, LIGHT TOWER, 2 DUMP TRUCKS, BULLDOZER

Signed: [signature] Date: 9/27/10

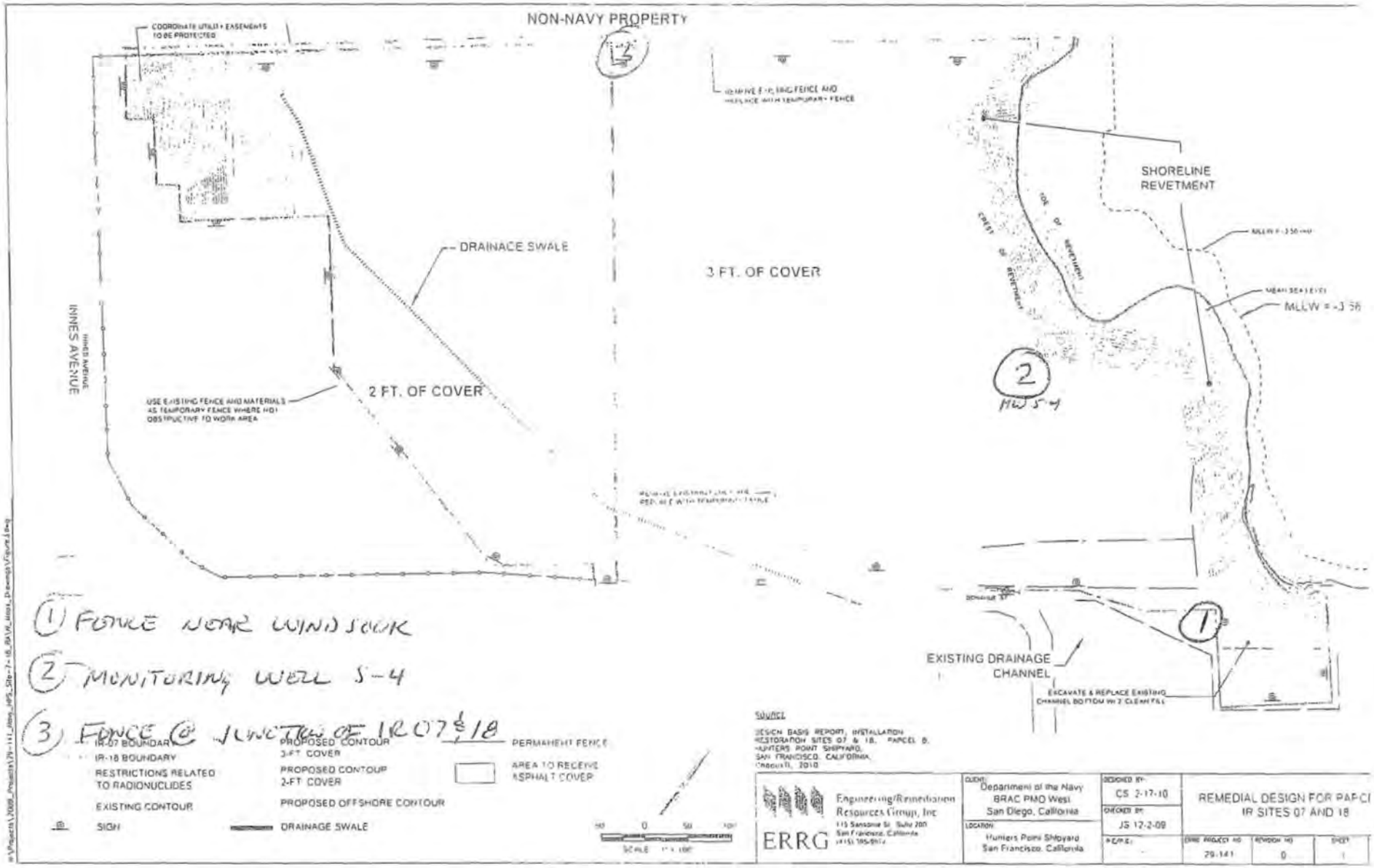
AIR MONITORING LOG SHEET

ERRG

Prepared by: Dick Gopp
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 9/2, +

Client: US Navy
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument ~~PID~~	Instrument ~~DataRAM~~	Comments	dBA
#3	9/27	0702	0.037	0.038	10973	54.7
#2		0711	0.062	0.062	10972	57.4
#1		0714	0.039	0.043	10971	61.7
#1		0855	0.027	0.043	10971	74.4
#2		0858	0.041	0.062	10972	79.2
#3		0949	0.035	0.041	10973	54.2
#2		0954	0.042	0.054	10972	64.4
#2		1217	0.054	0.050	10972	65.2
#3		1224	0.034	0.038	10973	66.3
#1		1231	0.028	0.034	10971	57.1
#1 BATTERY CHANGED		1390	0.014	0.013	10971	—
#3		1424	0.032	0.045	10973	60.2
#2		1430	0.050	0.052	10972	64.8
#1		1434	0.012	0.020	10971	69.7



1 FENCE NEAR WINDSOCK

2 MONITORING WELL S-4

3 FENCE @ JUNCTION OF IR07 & 18

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 27, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- ERRG personnel performed remediation around sample location 7 in Screening Unit 5.
- Towed array surveys were performed on Survey Units (SUs) 25 and 26.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 27/SEP/10

REPORT NO 070

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Removed asphalt chip seal near Building 146, verified that activities performed conformed to the site clearing and demolition checklist.
03	Continued constructing the filter rock wedge and the crest of the revetment, verified that activities performed conformed to the shoreline
	excavation and revetment checklist.
04	Remediated rad pad survey unit 5, started removing rad pad survey unit 1 from RCA and stockpiling in lay down area, started towed array scan
	of IR-07 for final status survey.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/27/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Site Clearing and Demolition

Date: 9/27/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010). Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010.
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010) Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010.
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/27/2010

Shoreline Excavation and Revetment

Date: 9/27/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/27/2010

Photo 1: Radiological Screening and Remediation – Remediation of survey unit 5 by removal of hotspot. Remediated soil placed in LLRW bin for disposal.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 27, 2010

Photo 2: Radiological Screening and Remediation – Removal of rad screened soil in survey unit 1 for stockpile in the lay down area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 27, 2010

Photo 3: Radiological Screening and Remediation – Towed array radiological scan of IR-07 for final status survey.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 27, 2010

Photo 4: Shoreline Excavation and Revetment – Placement of riprap along revetment crest.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 27, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	28/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	071	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, hot	
MAX TEMP (F)	88	
MIN TEMP (F)	69	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02, 04	Crew working on placing poly in lay down area in preparation of rad pad dirt	ERRG	1	Superintendent	8
	stockpiling activities, removing soil from survey units 1 and 2 of the rad pad	ERRG	0	Construction Manager	0
	and stockpiling outside of the RCA, started removing the decontamination	ERRG	1	Project Manager	8
	pad and placing in LLRW bins	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	1	Truck Drivers	8
		ERRG	0	Laborer	0
		Tetra Tech	4	Rad Techs	32

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	96
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10348.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10444.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck	8
	ERRG	JD 200CLC Excavator	8
	Harris Blade	Cat 950 Loader- 1ea	8
	United Rentals	25 KW Generators- 2ea	48
	Rental Solutions	25KW Generator-1ea	12
	SCS Tracer	Air Monitoring Skids- 2skids	48
	United Rentals	JD 310 Backhoe w/breaker attachment	0
	United Rentals	Takehuchi skidsteer loader	0

Schedule Activity No.	REMARKS

James Nores 9/28/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	28/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	071 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, hot	
MAX TEMP (F)	88	
MIN TEMP (F)	69	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe	0
	Harris Blade	Cat 735 Articulated Dump Trucks -2ea	16
	Harris Blade	2K Water Truck	8
	United Rentals	2K Water Truck	8
	Harris Blade	Cat LGP D-6 Bulldozer	8
	United Rental	Broce broom Sweeper	0
	Harris Blade	Cat 325 Long Reach Excavator	2
	United Rentals	Light Towers (3ea)	24

Schedule Activity No.	REMARKS

James Nores 9/28/10

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/28/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK HAULING CLEARED SPOIL FROM PAD PAD TO STOCKPILE, RIPRAP PLACEMENT.

SAFETY TOPICS PRESENTED

SAFETY TOPICS HEAT + HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN SURFACES, ROCKS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
William Schmidt	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
J. Cunningham	NWT	[signature]
JASON WALTHER	NWT	[signature]
JOHN SOURIAL	ERRG	[signature]
RUSSELL JACKSON	HARRIS/ERRG	[signature]
LIZ BINNING	ERRG	[signature]
LISA BROUSSARD	NWT	[signature]
Sid Walker	Harris/ERRG	[signature]
DOUG DeLONG	NAVY	[signature]

Health & Safety Officer DICK EPP **SUPERINTENDENT**

SIGNATURE [signature] **SIGNATURE**

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	9/28/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE - HYDRATION

CONTINUING TO PLACE RIP RAP IN REVETMENT, COMPLETED.

CONTINUING TO HAUL CLEARED SOIL FROM RAD PAD TO STAGING AREA.

BEGAN REMOVING RAD PAD NEAR RCA ENTRANCE, HAULING WASTE IN LLW BINS.

EQUIPMENT IN USE - 2 WATER TRUCKS, EXCAVATOR, GRAD LOADER, 2 DUMP TRUCKS, LIGHT STAND, LONG REACH EXCAVATOR

Signed: [signature] Date: 9/28/10

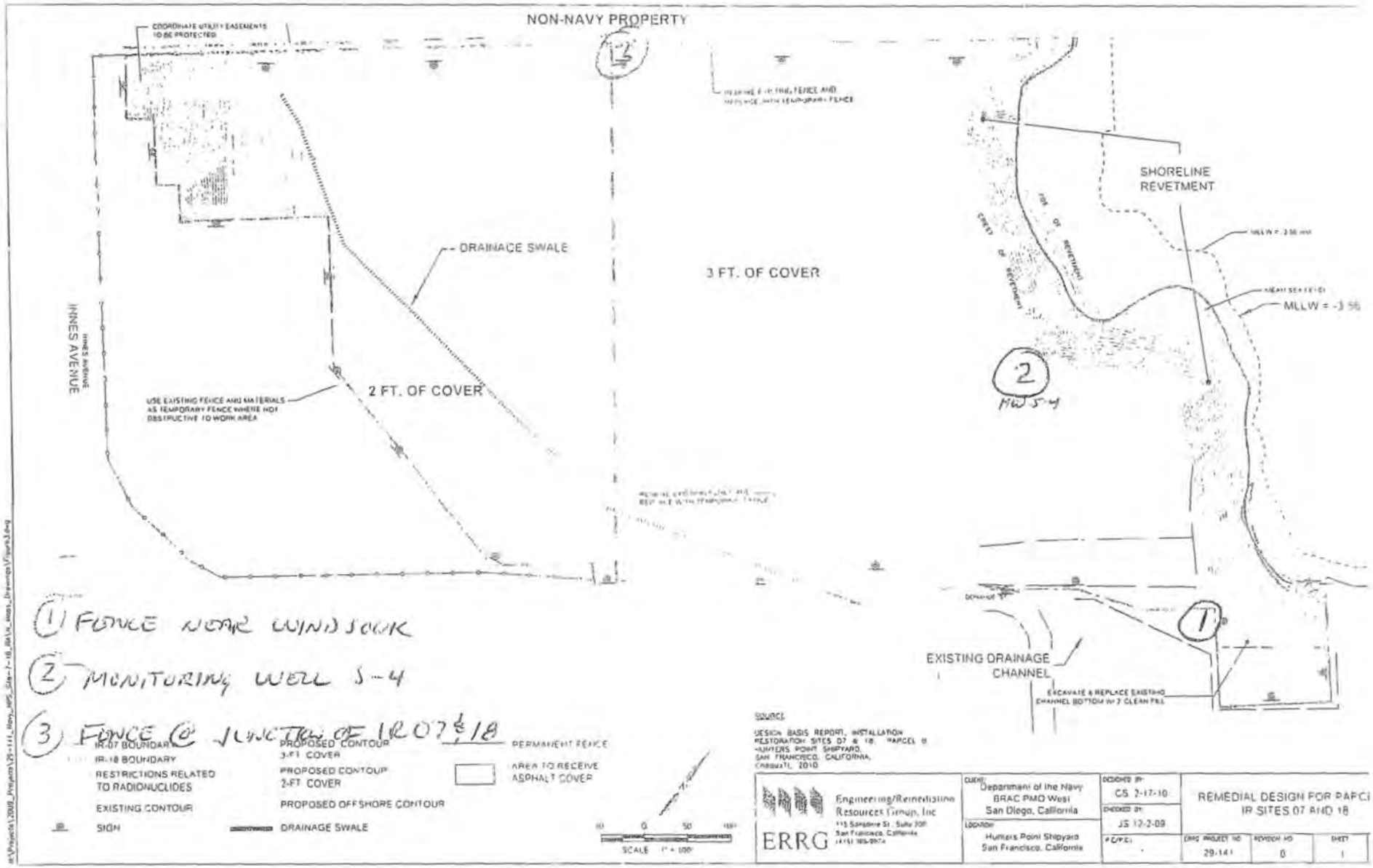
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GOPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time):

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC ~~PID~~	Instrument TEM ~~DataRAM~~	Comments	Comments dBA
#3	9/28/10	0649	0.042	0.036	10973	56.0
#2		0652	0.072	0.071	10972	#2
#1		0711	0.022	0.071	10971	70.1
#2		0821	0.100	0.016	10972	69.7
#1		0820	0.009	0.053	10971	68.2
#2		1212	0.059	0.077	10972	68.2
#3		1217	0.062	0.037	10973	66.7
#1		1230	0.018	0.030	10971	60.2
#3		1433	0.029	0.034	10973	63.9
#2		1440	0.071	0.075	10972	61.7
#1 BATTERY DEAD		1445	—	—	10971	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
SHORELINE REVETMENT
MLLW = -3.56
MLLW = -3.56
2
MW S-4
1
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2 CLEAN FILL
(1) FENCE NEAR WINDSOCK
(2) MONITORING WELL S-4
(3) FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, CHAQUATI, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
REMEDIAL DESIGN FOR PARCEL IR SITES 07 AND 18
ERRG PROJECT NO 29-141
REVISION NO 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 28, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 28/SEP/10

REPORT NO 071

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Started removing decontamination pad materials and placed into LLRW bins for disposal, verified that activities performed conformed to the
	site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Continued removing rad pad survey unit 1 and started moving suvey unit 2 from RCA and stockpiling in lay down area.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/28/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Site Clearing and Demolition

Date: 9/28/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010). Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils from inside the RCA (9/27/2010 – ongoing). Removed the decon pad from inside the RCA (9/28/2010 – ongoing).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010) Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils from inside the RCA (9/27/2010 – ongoing). Removed the decon pad from inside the RCA (9/28/2010 – ongoing).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager: Elizabeth Binning	Date: 9/28/2010

Shoreline Excavation and Revetment

Date: 9/28/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/28/2010

Photo 1: Radiological Screening and Remediation – Removal of rad screened soil in survey unit 1 for stockpile in the lay down area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 28, 2010

Photo 2: Radiological Screening and Remediation – Removal of decontamination pad material for disposal in LLRW bins.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 28, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 29/SEP/10
		REPORT NO: 072
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, warm	Clear, hot	81	62

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02, 04	Crew working on removing soil from survey units 2 and 3 of the rad pad	ERRG	1	Superintendent	8
	and stockpiling outside of the RCA, continued removing the decontamination	ERRG	0	Construction Manager	0
	pad and placing in LLRW bins, installed additional fencing in laydown area,	ERRG	1	Project Manager	8
	moved connex boxes outside of IR-07 boundary, surveyors onsite placing	ERRG	1	QC Manager	8
	sampling points, TtEC sampling rad pad survey units 6 and 7, TtEC performing	ERRG	1	H&S Officer	8
	towed array scan of IR-07.	ERRG	2	QC Staff	16
		ERRG	2	Equipment Operators	16
		ERRG	2	Truck Drivers	16
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 120
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 10444.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 10564.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	ERRG	JD 200CLC Excavator - 1ea	6
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	48
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	8
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	2

Schedule Activity No.	REMARKS

James Nores 9/29/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	29/SEP/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	072 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, hot	
MAX TEMP (F)	81	
MIN TEMP (F)	62	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	16
	Harris Blade	2K Water Truck - 1ea	8
	United Rentals	Light Tower - 1ea	8

Schedule Activity No.	REMARKS

James Nores 9/29/10

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 9/29/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK REMOVING SPOIL + STOCKPILING, REMOVING OLD RAD PAD INTO LLW CONTAINERS, DRIVE BOBCAT, FORKLIFT CHANGES

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRAFFIC, HYDRATION, UNEVEN SURFACES

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, CONGESTED TRAVEL LANES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
DAVID HASAL	ERRG	David Hasal
Rafael Loza	ERRG	Rafael Loza
JOHN SOURIAL	ERRG	
Tanner Bennett	ERRG	
Scott Walther	HARRIS/ERRG	
JASON WALTHER	NWT	
Adam Berry	TTEC	
RUSSELL JACKSON	HARRIS/ERRG	
LISA BRAUSSARD	NWT	
William Schmidl	ERRG	
JUAN LOVATO	ESPINOSA	
JR RUIZ	ESPINOSA	
Juan Cruz	National	Juan Cruz
Alfredo Navarro	National	Alfredo Navarro
Liz Binning	ERRG	

Health & Safety Officer DICK OPP **SUPERINTENDENT** TY APPL

SIGNATURE **SIGNATURE**

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	9/29/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – HYDRATION, CONGESTED AREAS

REMOVING SPOIL FROM RAD PAD & STOCKPILING IN STAGING AREA.

REMOVING OLD RAD PAD NEAR RCA ENTRANCE & LOADING INTO LLW BINS.

SURVEYORS ON SITE.

MOVING SOME (2) CONEX BOXES TO PARKING LOT.

MOVED STAGING AREA FENCING.

EQUIPMENT IN USE: 2 WATER TRUCKS, EXCAVATOR, END LOADER, 2 DUMP TRUCKS, BULLDOZER.

Signed: [signature] Date: 9/29/10

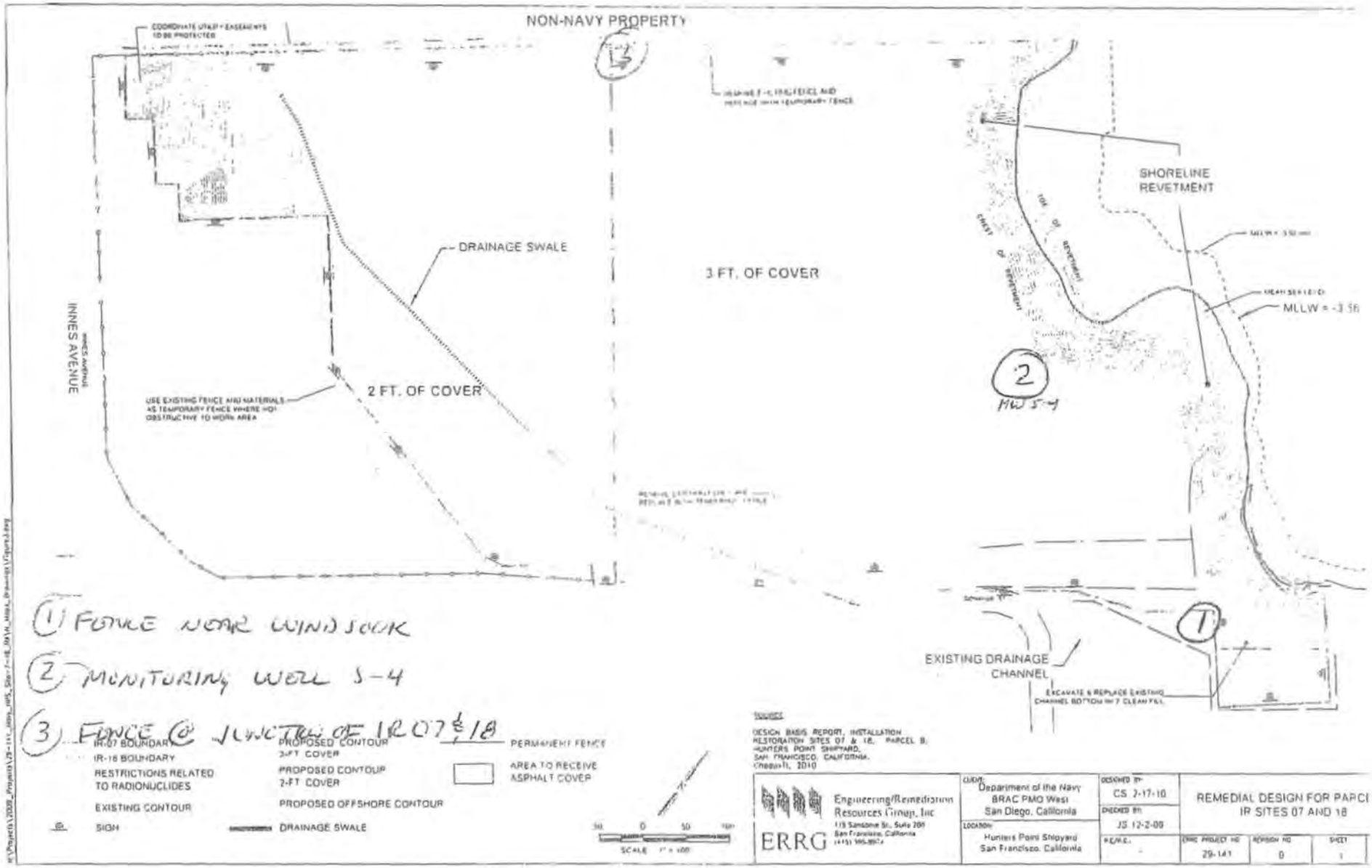
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time):

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC. ~~PID~~	Instrument TWA ~~DataRAM~~	Comments	dBA
#3	9/29/10	0659	0.038	0.026	10973	60.8
#2		0703	0.099	0.094	10972	66.0
#1		0706	0.061	0.086	10971	76.5
#2		0916	0.079	0.084	10972	69.4
#1		1000	0.021	0.010	10971	82.1
#2		1018	0.077	0.090	10972	71.1
#3		1024	0.022	0.032	10973	67.7
#1 REPLACE BATTERY		1315	0.018	0.018	10971	65.7
#2		1324	0.018	0.089	10972	62.6


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW = -3.56
MEAN SEA LEVEL
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM IN 7 CLEAN FILL
1
2
MW 5-4
3
(1) FENCE NEAR WINDSOCK
(2) MONITORING WELL S-4
(3) FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, Chequers, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200
San Francisco, California
(415) 395-8974
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
P.E./R.E.: -
REMEDIAL DESIGN FOR PARCE IR SITES 07 AND 18
ERRG PROJECT NO 29-141
REVISION NO 0
SHEET 1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 29, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Systematic samples were collected from Screening Units 6 and 7.
- Towed array gamma surveys were completed in Survey Units (SU)-27 and -33.
- Towed array gamma survey was started in SU-34, fifty percent complete.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 29/SEP/10

REPORT NO 072

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Continued removing decontamination pad materials and placed into LLRW bins for disposal, verified that activities performed conformed to the
	site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Continued removing rad pad survey unit 2 and started moving suvey unit 3 from RCA and stockpiling in lay down area, TtEC taking systematic
	samples from rad pad survey units 6 and 7, TtEC performing towed array radiological scans on near south corner of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/29/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/29/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010). Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils from inside the RCA (9/27/2010 – ongoing). Removed the decon pad from inside the RCA (9/28/2010 – ongoing).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010) Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils from inside the RCA (9/27/2010 – ongoing). Removed the decon pad from inside the RCA (9/28/2010 – ongoing).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.
Receivables					

Requirement	Phase	Yes	No	N/A	Comments
Material properties sheet				X	
Manufacturers QC Manual				X	
QC Certification				X	
QC Test report				X	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				X	
Calibration				X	

QC Manager: Elizabeth Binning	Date: 9/29/2010

Shoreline Excavation and Revetment

Date: 9/29/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/29/2010

Photo 1: Site Clearing and Demolition – Removal of decontamination pad material for disposal in LLRW bins.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 29, 2010

Photo 2: Radiological Screening and Remediation – Removal of rad screened soil in survey unit 3 for stockpile in the lay down area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 29, 2010

Photo 3: Radiological Screening and Remediation – Management of rad screened soil stockpiles in the lay down area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 29, 2010

Photo 4: Radiological Screening and Remediation – Systematic sampling of rad pad survey units 6 and 7.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 29, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 30/SEP/10
		REPORT NO: 073
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, warm	Clear, warm	71	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02, 04	Crew working on removing soil from survey units 4 and 5 of the rad pad	ERRG	1	Superintendent	8
	and stockpiling outside of the RCA, moved the office trailer outside of the	ERRG	0	Construction Manager	0
	IR-07 boundary and into the parking lot, removed asphalt curb from northeast	ERRG	1	Project Manager	8
	property line and offhauled for recycle, surveyors onsite placing radiological	ERRG	1	QC Manager	8
	sampling points, TtEC sampling rad pad survey unit 6 and IR-07, TtEC	ERRG	1	H&S Officer	8
	performing towed array scan of IR-07.	ERRG	2	QC Staff	16
		ERRG	2	Equipment Operators	16
		ERRG	2	Truck Drivers	16
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 120
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 10564.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 10684.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	ERRG	JD 200CLC Excavator - 1ea	6
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	48
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	8
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	2

Schedule Activity No.	REMARKS

James Nores 9/30/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	30/SEP/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	073 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, warm
MAX TEMP (F)	71
MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	16
	Harris Blade	2K Water Truck - 1ea	8
	United Rentals	Light Tower - 1ea	8

Schedule Activity No.	REMARKS

James Nores 9/30/10

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 8/30/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK DECON DAD IN BINS, REMOVE SPOIL TO STOCK PILE, MOVE OFFICE TRAILER

SAFETY TOPICS PRESENTED

SAFETY TOPICS CONGESTION - MOVING OFFICE

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, WET & UNEVEN SURFACES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JOHN SOURIAL	ERRG	
Rafael Loza	ERRG	
DAVID HABAL	ERRG	
Tanner Bennett	ERRG	
Scott Warth	Harris/ERRG	
JASON WALTHER	NWT	
LISA BROUSSARD	NWT	
J. CUNNINGHAM	NWT	
Adam Berry	HCI	
William Schmidt	ERRG	
RUSSELL JACKSON	HARRIS/ERRG	
JR RUIZ	E SPINOSA	
JUAN Novato	E SPINOSA	
LIZ BINNING	ERRG	
TY ARM	ERRG	

Health & Safety Officer DICK EPP **SUPERINTENDENT** TY ARM

SIGNATURE **SIGNATURE**

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	9/30/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLOUDY	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE - CONDITION (MOVING OFFICE CONEX), TRAFFIC, HOUT

REMOVING SPOIL FROM RAD PAD TO STOCKPILE IN STAGING AREA.

LOADING OLD RAD PAD INTO LLW BINS, COMPLETED

TETRA TECH TOWED ARRAY ON SITE.

SURVEYORS ON SITE.

MOVING OFFICE TRAILER TO PARKING LOT.

EQUIPMENT IN USE: 2 WATER TRUCKS, 2 DUMP TRUCKS, OVD LOADER, EXCAVATOR, LONG REACH EXCAVATOR, LIGHT TOWER

Signed: [signature] Date: 9/30/10

AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GOPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): RECALIBRATED # 10972

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC ~~PID~~	Instrument TEM ~~DataRAM~~	Comments	Comments dBA
#3	9/30/10	0700	0.012	0.013	10973	58.9
#2		0705	0.100	0.118	10972	63.4
#1		0709	0.020	0.027	10971	57.6
#2 RECALIBRATED		0731	0.008	0.001	10972	67.7
#2		0839	0.003	0.005	10972	62.6
#1		0845	0.005	0.009	10971	69.1

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: September 30, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Biased soil samples were collected from Screening Unit 6.
- Systematic soil samples were collected from Survey Unit (SU)-25, SU-26, and SU-27.
- Towed array gamma surveys were completed in SU-32 and SU-34.
- Towed array gamma survey was started in SU-31, eighty percent complete.
- Approximately 300 lineal feet of asphalt curbing was scanned for on-site recycle. No anomalies were present.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 30/SEP/10

REPORT NO 073

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Finished removing decontamination pad materials and placed into LLRW bins for disposal, removed asphalt curb from northeast property
	boundary, verified that activities performed conformed to the site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Started and completed removing rad pad survey units 4 and 5 and stockpiled in lay down area, TtEC taking biased radiological samples from
	rad pad survey unit 6, TtEC taking systematic samples from south corner of IR-07, TtEC performing towed array radiological scans near the
	south corner of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
	Moved the office trailer area to parking lot as current location is within IR-07 boundary.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

9/30/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 9/30/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010). Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils from inside the RCA (9/27/2010 – 9/30/2010). Removed the decon pad from inside the RCA (9/28/2010 – 9/30/2010). Removed asphalt curb from northeast property line (9/30/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010) Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils from inside the RCA (9/27/2010 – 9/30/2010). Removed the decon pad from inside the RCA (9/28/2010 – 9/30/2010). Removed asphalt curb from northeast property line (9/30/2010).
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010.

Requirement	Phase	Yes	No	N/A	Comments
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/30/2010

Shoreline Excavation and Revetment

Date: 9/30/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 9/30/2010

Photo 1: Site Clearing and Demolition – Removal of rad screened soil in survey units 4 and 5 for stockpile in the lay down area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: September 30, 2010

Photo 2: Radiological Screening and Remediation – Systematic sampling survey units in IR-07.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: September 30, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	01/OCT/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	074	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, warm	
MAX TEMP (F)	67	
MIN TEMP (F)	62	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02, 04	Crew working on removing gravel from original trailer area and placing outside	ERRG	1	Superintendent	8
	new trailer area, moved RCA fencing to include entirety of IR-07, moved	ERRG	0	Construction Manager	0
	RCA entrance gate and TtEC connex, surveyors onsite placing radiological	ERRG	1	Project Manager	8
	sampling points, TtEC continuing towed array scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	2	Truck Drivers	16
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	112
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10684.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10796.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
02,03,04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	001 and 001a	

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	ERRG	JD 200CLC Excavator - 1ea	8
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	48
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	8
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores 10/01/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	01/OCT/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	074 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, warm	
MAX TEMP (F)	67	
MIN TEMP (F)	62	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	8
	Harris Blade	2K Water Truck - 1ea	8
	United Rentals	Light Tower - 1ea	8

Schedule Activity No.	REMARKS

James Nores 10/01/10

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/1/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, Parcel B

TYPE OF WORK GRADE AREA, RELOCATE ROCK AREA FROM OFFICE, MOVE FENCING, MOVE RUMBLE BOXES, CLEAN RCA AREA + OLD OFFICE AREA, MOVE PORT-A-POTTIES

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRAFFIC, MOVING FENCE + OTHER FACILITIES

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN + WET SURFACES, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Ty Arpal	ERRG	[signature]
DAVID HASAL	ERRG	David Hasal
Rafael Loza	ERRG	Rafael Loza
William Schmidt	ERRG	[signature]
J. Cunningham	NWT	[signature]
LISA BROUSSARD	NWT	[signature]
Adam Berry	TTEC	[signature]
RUSSELL [illegible]	HARRIS/ERRG	[signature]
JASON WALTHER	NWT	[signature]
Scott Walther	Harris/ERRG	[signature]
[illegible] Ruiz	ESPINOSA	[signature]
JUAN [illegible]	ESPINOSA	[signature]
JOHN SOURIAL	ERRG	[signature]
LIZ BINNING	ERRG	[signature]

Health & Safety Officer DICK EPP **SUPERINTENDENT** Ty Arpal

SIGNATURE [signature] **SIGNATURE** [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	FRIDAY	Date:	10/1/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	OVERCAST	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – AWARENESS - MOVING FACILITIES, SCRAPING + RELOCATING ROCK NEAR OFFICE, EQUIPMENT LEVELING & BACK DRAGGING

LEVELING SURFACE AREA IN IR-07

SURVEYORS ON SITE

FINISH LLW BINS REMOVED OF FARM PROJECT ACTIVITIES

SPREADING ROCK FOR SURFACE AROUND OFFICE, CONEX BOX AREA

MOVED RCA GATE + CONEX BOX.

MOVED RCA FENCE & IR FENCES.

TETRA TECH TOWED ARRAY ON SITE.

EQUIPMENT IN USE: 2 WATER TRUCKS, BULLDOZER, LOAD LOADER

Signed: [signature] Date: 10/1/10

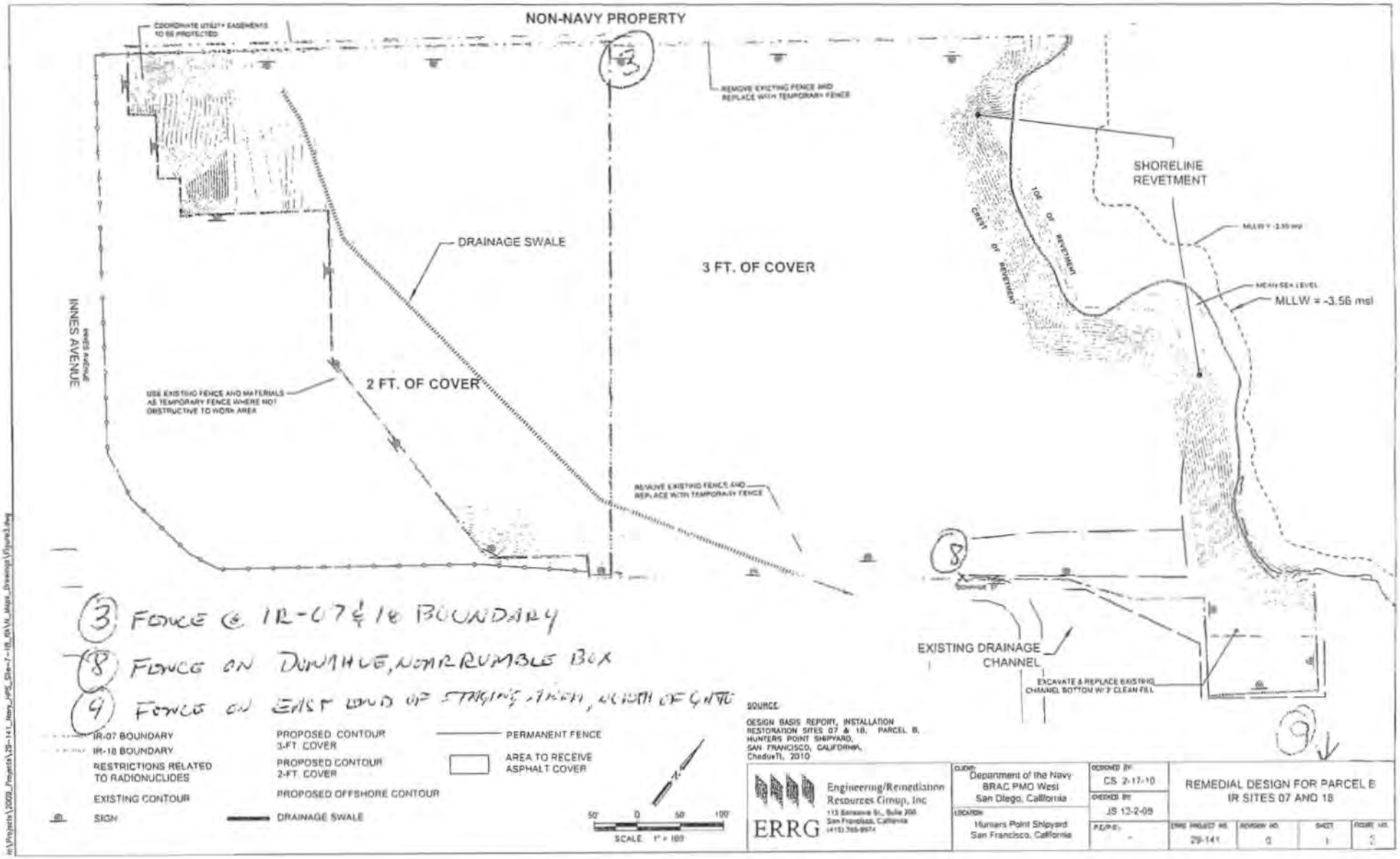
AIR MONITORING LOG SHEET

ERRG

Prepared by: Dick Earp
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time):

Client: US NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BOY

Location	Date	Time	Instrument ~~PID~~ CONC	~~DataRAM~~ TWA	Comments	dBA
#3	10/1/10	0715	0.028	0.025	10973	59.4
#8		0800	0.056	0.057	10972	61.7
#9		0875	0.028	0.024	10971	52.2
#8		1134	0.055	0.054	10972	58.8
#9		1140	0.013	0.017	10971	52.2


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW = -3.56 msl
MEAN SEA LEVEL
DRAINAGE SWALE
3 FT. OF COVER
INNES AVENUE
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 3' CLEAN FILL
3 FENCE @ IR-07 & 18 BOUNDARY
8 FENCE ON DUNAHUE, NEAR RUMBLE BOX
9 FENCE ON EAST END OF STAGING AREA, NORTH OF GATE
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT. COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, Chadwell, 2010
ERRG
Engineering/Remediation Resources Group, Inc
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1
FIGURE NO. 5

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: D 6- **Identification Number:** JV6N73

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	10-1-10 DH															
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Water truck (small truck) harris **Identification Number:** CRS06-036

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	9-28-10 DH			9-29-10 RL			9-30-10 RL			10-1-10 RL						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	stop light on left don't w
Steering and other controls	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: ~~Front water sprayers don't work~~ OK 10/4/10, Right lower fender lose need bolts back tire on left side have a cut on the face,

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200 EXCAVATOR JOHN DEERE **Identification Number:** B27X87

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/27/10 RJ			9/28/10 RJ			9/29/10 RJ			9/30/10 RJ						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

PX6536

Equipment Type: 950 H Wheel loader **Identification Number:** 950 H L-2

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/27/10			9/28/10			9/29/10			9/30/10			10/1/10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?	✓			✓			✓			✓			✓			
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?	✓			✓			✓			✓			✓			
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?	✓			✓			✓			✓			✓			
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?	✓			✓			✓			✓			✓			
Lights and signals operative?	✓			✓			✓			✓			✓			
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: ROCK TRUCK **Identification Number:** _____

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
				9-28-10 DH			9-29-10 DH			9-30-10 DH						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	X			X			X			X						
Tracks			X			X			X			X				
Steps and handgrips	X			X			X			X						
Guards on moving parts?	X			X			X			X						
Engine belts and hoses	X			X			X			X						
Fluid levels acceptable?	X			X			X			X						
Loading/lifting capacity marked?	X			X			X			X						
Seat belt operative?	X			X			X			X						
Fire extinguisher present?		X			X			X			X					
Windows and mirrors unbroken?	X			X			X			X						
Gauges operative?	X						X			X						
Battery charged?	X			X			X			X						
Windshield wipers operative?		X			X			X			X					JUST THE REAR ONE WORKS
Horn operative?	X			X			X			X						
Back up alarm operative?	X			X			X			X						
Lights and signals operative?	X			X			X			X						
Steering and other controls	X			X			X			X						
Brakes	X			X			X			X						

Explain corrective actions taken: FRONT WIPER DOESN'T WORK

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 HAUL TRUCK Identification Number: ~~M75397~~ M15397

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment Rental ☐ ERRG ☐

Inspected By (Initials) And Date:	9-30-10 DH															Defect(s):
Heavy Equipment Defects	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	X															
Tracks			X													
Steps and handgrips	X															
Guards on moving parts?	X															
Engine belts and hoses	X															
Fluid levels acceptable?	X															
Loading/lifting capacity marked?	X															
Seat belt operative?	X															
Fire extinguisher present?		X														
Windows and mirrors unbroken?	X															
Gauges operative?	X															
Battery charged?	X															
Windshield wipers operative?	X															
Horn operative?	X															
Back up alarm operative?	X															
Lights and signals operative?	X															
Steering and other controls	X															
Brakes	X															

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 Cat Haul truck **Identification Number:** M15397

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	9/21/10			9/22/10 RJ			9-27-10 MON DH			9-28-10 DH			9-29-10 WED DH			Defect(s):
Heavy Equipment Defects	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	NEED A LITTLE WATER BUT O.K.
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☐	☒	☐	☑	☐	☐	☐	☒	☐	☐	☒	☐	☒	☒	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken: FILLED RADIATOR

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: generator **Identification Number:** site #1

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/27/10 ws			9/28/10 ws			9/29/10 ws			9/30/10 ws			10/1/10 ws			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☑	☐	☑	☑	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Guards on moving parts?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Fire extinguisher present?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Back up alarm operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Lights and signals operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steering and other controls	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Brakes	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	

Explain corrective actions taken: Refueled 9/27/10, 9/29/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: generator **Identification Number:** Site#4

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9/27/10 WS			9/28/10 WS			9/29/10			9/30/10			10/1/10 WS			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips			✓			✓			✓			✓			✓	
Guards on moving parts?			✓			✓			✓			✓			✓	
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?			✓			✓			✓			✓			✓	
Seat belt operative?			✓			✓			✓			✓			✓	
Fire extinguisher present?			✓			✓			✓			✓			✓	
Windows and mirrors unbroken?			✓			✓			✓			✓			✓	
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?			✓			✓			✓			✓			✓	
Horn operative?			✓			✓			✓			✓			✓	
Back up alarm operative?			✓			✓			✓			✓			✓	
Lights and signals operative?			✓			✓			✓			✓			✓	
Steering and other controls			✓			✓			✓			✓			✓	
Brakes			✓			✓			✓			✓			✓	

Explain corrective actions taken: refueled 9/27; 9/29

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 1, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- Towed array gamma surveys were completed in SU-28, SU-29, and SU-31.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 01/OCT/10

REPORT NO 074

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Removed gravel from trailer area, removed RCA fence and relocated to outside IR-07 boundary, general site cleanup, verified that activities
	performed conformed to the site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	TtEC performing towed array radiological scans near the south corner of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/01/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Site Clearing and Demolition

Date: 10/1/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010). Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils from inside the RCA (9/27/2010 – 9/30/2010). Removed the decon pad from inside the RCA (9/28/2010 – 9/30/2010). Removed asphalt curb from northeast property line (9/30/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**		**X**		Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**		**X**		Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**				Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010) Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils from inside the RCA (9/27/2010 – 9/30/2010). Removed the decon pad from inside the RCA (9/28/2010 – 9/30/2010). Removed asphalt curb from northeast property line (9/30/2010).

Requirement	Phase	Yes	No	N/A	Comments
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**		**X**		Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010. Removed RCA fence near Building 146 on 10/1/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/1/2010

Shoreline Excavation and Revetment

Date: 10/1/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**				
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/1/2010

Photo 1: Site Clearing and Demolition – Moving of TtEC connex box to new entrance to RCA.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 1, 2010

Photo 2: Site Clearing and Demolition – Removal of existing RCA fence near Building 146.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 1, 2010

Photo 3: Radiological Screening and Remediation – Survey units 1-5 completely removed from RCA.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: October 1, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	04/OCT/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	075	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, windy	
PM WEATHER	Clear, warm	
MAX TEMP (F)	68	
MIN TEMP (F)	61	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04, 09, 10	Crew working on securing the southeast fence that blew over due to high	ERRG	1	Superintendent	8
	winds, removing the remainder of hotspot BA22, started removing the SPD32	ERRG	0	Construction Manager	0
	stockpile, surveyors onsite placing radiological sampling points, TtEC	ERRG	1	Project Manager	8
	continuing sampling of IR-07, TtEC continuing towed array scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	2	Truck Drivers	16
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	112
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10796.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10908.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04, 09, 10	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	ERRG	JD 200CLC Excavator - 1ea	8
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores 10/04/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 04/OCT/10
		REPORT NO: 075 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Clear, windy	PM WEATHER: Clear, warm	MAX TEMP (F): 68 / MIN TEMP (F): 61

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	8
	Harris Blade	2K Water Truck - 1ea	0
	United Rentals	Light Tower - 1ea	8

Schedule Activity No.	REMARKS

James Nores — 10/04/10

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/4/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07 & 18, PARCELB

TYPE OF WORK REINSTALL FENCE BLOWN DOWN, EXCAVATE HOTSPOT B22

SAFETY TOPICS PRESENTED

SAFETY TOPICS HAND PINCES FROM FENCE

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS FENCE ERECTION, UNEVEN SURFACES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
William Schmidt	ERRG	[signature]
Orozco, Oscar	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
Russell Jackson	HARRIS/ERRG	[signature]
Scott Worthington	Harris/ERRG	[signature]
JASON WALTHER	NWT	[signature]
Adam Berry	Herr	[signature]
J. Cunningham	NWT	[signature]
LISA BROUSSARD	NWT	[signature]
Tanner Bennett	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
Liz Binning	ERRG	[signature]
TJ Arms	ERRG	[signature]

Health & Safety Officer DICK EPP **SUPERINTENDENT** TJ Arms

SIGNATURE [signature] **SIGNATURE** [signature]

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	10/4/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLOUDY/WINDY	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – WATCH HANDS & PINCH POINTS HANDLING FENCE.

REWORKING FENCE FROM WIND BLOWING OVER SECTIONS – ADDING TIE DOWNS & SANDBAGS.

EXCAVATED HOT SPOT BA22 & INSTALLED SNOW FENCE BARRIER ON COMPLETION

BEGAN REMOVING SPOIL PILE SPD32

EQUIPMENT IN USE: 2 WATER TANKS, EXCAVATOR, END LOADER, DUMP TRUCK

Signed: [signature] Date: 10/4/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 4, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. No invasive or dust generating activities were performed. RCA postings were routinely checked.
- Towed array gamma surveys were started in SU-1 (80% complete), SU-2 (80% complete), and SU-3 (60% complete).
- Systematic and biased samples were collected from IR-18 SU-21.
- Systematic samples were collected from SU-8, SU-9, and SU-10.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 04/OCT/10

REPORT NO 075

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
10	Soil Stockpile Removal at Parcels D-1 and G	

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
02	Site Clearing and Demolition DFOW completed on 10/01/10. See completed site clearing and demolition checklist.
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	TtEC performing towed array radiological scans near the south corner of IR-07, TtEC taking systematic samples of IR-07.
09	Finished hotspot removal of BA22 in Parcel D-1.
10	Started stockpile removal of SPD32 in Parcel D-1.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/04/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

INITIAL PHASE CHECKLIST

SPEC SECTION	DATE
NA	04/OCT/10

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	Soil Stockpile Removals at Parcels D-1 and G	10	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED 24 HOURS IN ADVANCE: YES ☒ NO ☐

NAME	POSITION	COMPANY/GOVERNMENT
Elizabeth Binning	Quality Control Manager	ERRG
John Sourial	Project Manager	ERRG
Richard Epp	SSHO	ERRG
William Schmidt	Quality Control Officer	ERRG
Oscar Orozco	Truck Driver	ERRG
David Hasal	Truck Driver	ERRG
Russell Jackson	Equipment Operator	Harris Blade/ERRG
Scott Worthington	Equipment Operator	Harris Blade/ERRG

PROCEDURE COMPLIANCE

IDENTIFIY FULL COMPLIANCE WITH PROCEDURES IDENTIFIED AT PREPARATORY. COORDINATE PLANS, SPECIFICATIONS, AND SUBMITTALS.

COMMENTS: Procedures are in compliance. No submittals are required for this DFOW.

PRELIMINARY WORK

ENSURE PRELIMINARY WORK IS COMPLETE AND CORRECT. IF NOT, WHAT ACTION IS TAKEN?

No preliminary work is required.

WORKMANSHIP

ESTABLISH LEVEL OF WORKMANSHIP.

WHERE IS WORK LOCATED? Parcels D-1 and G, HPS, SF

IS SAMPLE PANEL REQUIRED? YES ☐ NO ☒

WILL THE INIITAL WORK BE CONSIDERED AS A SAMPLE? YES ☐ NO ☒

(IF YES, MAINTAIN IN PRESENT CONDITION AS LONG AS POSSIBLE AND DESCRIBE LOCATION OF SAMPLE)

RESOLUTION

RESOLVE ANY DIFFERENCES.

COMMENTS: No differences were identified.

CHECK SAFETY

REVIEW JOB CONDITIONS USING EM 385-1-1 AND JOB HAZARD ANALYSIS

COMMENTS: EM 385-1-1 & site specific AHAs reviewed by SSHO.

OTHER

OTHER ITEMS OR REMARKS

Elizabeth Binning — QC MANAGER

10/4/2010 — DATE

Site Clearing and Demolition

Date: 10/4/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Are all existing groundwater monitoring wells and methane monitoring probes within the site boundary preserved (02 41 00 Site Demolition, Sec 1.1)?	**Initial**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is overload of the existing structural elements prevented (02 41 00 Site Demolition, Sec 1.4)?	**Initial**	**X**			Equipment traffic has been diverted from crossing the drainage ditches using the existing metal plates. Crushed rock and culvert installed on 6/17/2010 near northwest corner of Building 146. Crushed rock and culvert installed near barge offloading area on 6/18/2010. Crushed rock and culvert installed near southwest corner of Building 146 on 9/16/2010.
Is all rubbish and debris removed from the project site (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010). Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils in survey units 1 through 5 from inside the RCA (9/27/2010 – 9/30/2010). Removed the decon pad from inside the RCA (9/28/2010 – 9/30/2010). Removed asphalt curb from northeast property line (9/30/2010).
Is refuse generated by construction controlled such that it is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			Refuse containers mobilized to the site 6/18/2010
Is refuse removed and transported in a manner that will prevent spillage on pavements, streets, or adjacent areas. (02 41 00 Site Demolition, Sec 3.1)?	**Follow up**	**X**			
Is clearing and grubbing and removal of surface waste within the boundaries provided on the Drawings (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			Cleared and grubbed northwest property line on 8/30/2010 – 8/31/2010. Cleared and grubbed southeast property line on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.

Requirement	Phase	Yes	No	N/A	Comments
Is cleared vegetation disposed of off-site (02 41 00 Site Demolition, Sec 3.2)	**Follow up**	**X**			Trackwalked the shoreline 7/7/2010 – 8/25/2010. Cleared and grubbed northwest property boundary on 8/26/2010 – 8/31/2010. Cleared and grubbed southeast property boundary on 9/2/2010. Cleared and grubbed IR-18 on 9/16/2010.
Is the generation of waste, inorganic trash, or debris minimized whenever possible (02 41 00 Site Demolition, Sec 3.2)?	**Follow up**	**X**			
Is the spread of dust and debris prevented to avoid the creation of a nuisance or hazard in the surrounding area (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			
Is existing work that is to remain in place, including, but is not limited to all groundwater monitoring wells and methane monitoring probes as shown in the drawings protected (02 41 00 Site Demolition, Sec 1.4)?	**Follow up**	**X**			Installed orange construction fence around wells and probes (7/7/2010 – 7/8/2010). Installed additional orange construction fence around wells where bollards were removed (9/16/2010).
Is all rubbish, debris, and surface soils relocated and consolidated, as indicated on the Drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			Cleared debris from shoreline (6/21/2010 – 8/23/2010). Removed background rad pad material out of RCA on 6/28/2010. Removed existing rad pads (6/29/2010 – 7/9/2010). Removed existing rad pad materials from RCA on 7/22/2010 – 9/1/2010. Removed scanned concrete from the RCA and stockpiled near Building 231 for reuse/recycle (7/15/2010 – 9/22/2010). Removed debris from RCA in LLRW bins (7/15/2010 – 9/24/2010). Excavated northwest property boundary cut (8/30/2010 – 9/8/2010). Excavated southeast property boundary cut (9/2/2010 – 9/8/2010). Removed decommissioned power poles (8/30/2010 – 9/1/2010). Removed decommissioned water features on 9/8/2010. Excavated the drainage swale cut (9/10/2010 – 9/15/2010). Removed asphalt and railroad ties from bump out near Building 146 (9/14/2010 – 9/15/2010). Removed asphalt curb from southwest property line (9/20/2010). Removed chip seal under debris scanning area (9/21/2010 – 9/23/2010) Removed scanned metal debris from RCA on 9/24/2010. Removed asphalt chip seal near Building 146 on 9/27/2010. Removed scanned rad pad soils in survey units 1 through 5 from inside the RCA (9/27/2010 – 9/30/2010). Removed the decon pad from inside the RCA (9/28/2010 – 9/30/2010). Removed asphalt curb from northeast property line (9/30/2010).

Requirement	Phase	Yes	No	N/A	Comments
Was the existing fencing removed as shown in the drawings (02 41 00 Site Demolition, Sec 1.1)?	**Follow up**	**X**			Temporary fence installed on 8/26/2010 along northwest property line. Removed fence along northwest property line (8/30/2010 – 8/31/2010). Removed fence along southeast property line on 9/2/2010. Removed RCA fence near Building 146 on 10/1/2010.
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/4/2010

Shoreline Excavation and Revetment

Date: 10/4/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**				
Have surveys been performed according to the specifications?	**Follow up**				
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/4/2010

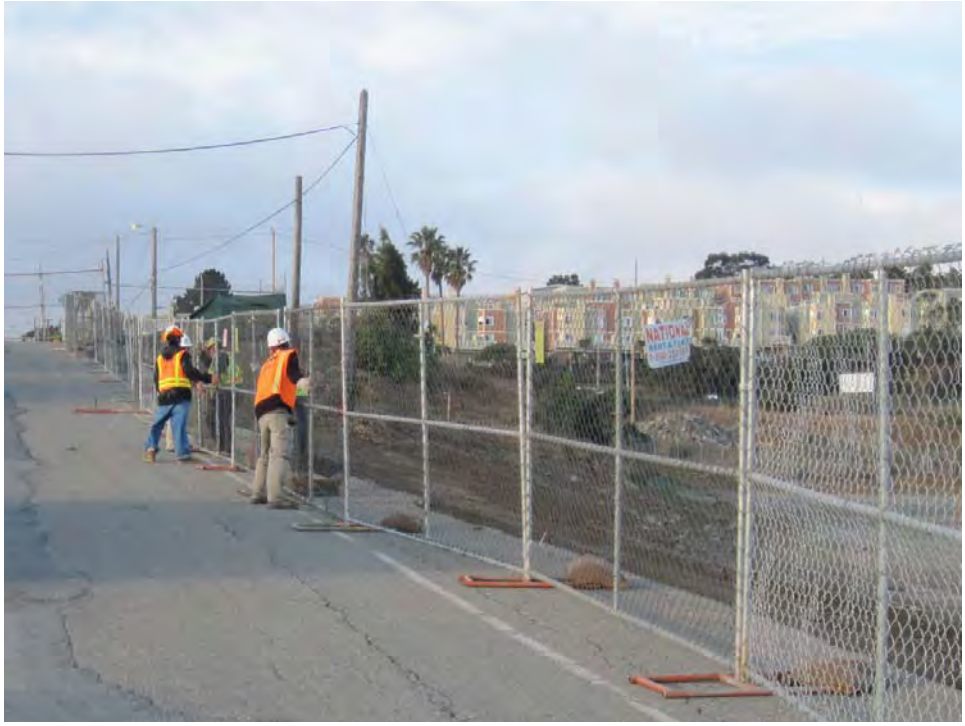


Photo 1: Radiological Screening and Remediation – Securing the temporary fence along the southeast IR boundary after it was blown down due to high winds.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: October 4, 2010

Photo 2: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Excavation of BA22 in Parcel D-1.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 4, 2010

Photo 3: Soil Stockpile Removal at Parcels D-1 and G – Removal of soil stockpile SPD32 in Parcel D-1.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 4, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	05/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	076
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, warm
MAX TEMP (F)	72
MIN TEMP (F)	57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04, 09, 10	Crew working on installing BMPs along site boundaries, removing hotspots	ERRG	1	Superintendent	8
	BJ30, BJ31, BG31, and AV20, completed removing the SPD32 stockpile,	ERRG	0	Construction Manager	0
	surveyors onsite placing radiological sampling points, TtEC	ERRG	1	Project Manager	8
	continuing sampling of IR-07, TtEC continuing towed array scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	2	Truck Drivers	16
		ERRG	1	Laborer	8
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	120
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10908.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11028.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☒ SAFETY REQUIREMENTS HAVE BEEN MET.
04, 09, 10	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	ERRG	JD 200CLC Excavator - 1ea	8
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores 10/05/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	05/OCT/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	076 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, warm	
MAX TEMP (F)	72	
MIN TEMP (F)	57	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	16
	Harris Blade	2K Water Truck - 1ea	0
	United Rentals	Light Tower - 1ea	8

Schedule Activity No.	REMARKS

James Nores 10/05/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/OCT/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	077	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, warm	
MAX TEMP (F)	74	
MIN TEMP (F)	63	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04, 09, 10	Crew working on installing BMPs along site boundaries, installing privacy	ERRG	1	Superintendent	8
	screen on northwest boundary temp fence, removing hotspot AT22, removing	ERRG	0	Construction Manager	0
	the SPD14 and SPD15 stockpiles, surveyors onsite placing radiological	ERRG	1	Project Manager	8
	sampling points, TtEC continuing sampling of IR-07, TtEC continuing towed	ERRG	1	QC Manager	8
	array scan of IR-07.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	2	Truck Drivers	16
		ERRG	1	Laborer	8
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	120
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11028.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11148.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.
04, 09, 10	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	ERRG	JD 200CLC Excavator - 1ea	8
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores 10/06/10

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/OCT/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	077 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Clear, warm	
PM WEATHER	Clear, warm	
MAX TEMP (F)	74	
MIN TEMP (F)	63	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	8
	Harris Blade	2K Water Truck - 1ea	0
	United Rentals	Light Tower - 1ea	8

Schedule Activity No.	REMARKS

James Nores 10/06/10

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/6/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION HOT SPOTS, STOCKPILES in PARCEL G + PARCEL B

TYPE OF WORK EXCAVATING HOTSPOTS AT 22, B3416, B3426 + B4716, ROMOVING STOCKPILES SPD 14 & 15

SAFETY TOPICS PRESENTED

SAFETY TOPICS DUST CONTROL, EQUIPMENT SPEED (15MPH), AWARENESS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EXCAVATIONS, UNEVEN SURFACES, STRUCK BY EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
DAVID HASAG	ERRG	
Roberto Aguilera	ERRG	
Russell JACKSON	ERRG	
William Schmidt	ERRG	
Jeremy Benn	ITEC	
Scott Nostrin	HNTS/ERRG	
JASON WALTHER	NWT	
J. Coughlin	NWT	
LISA BROUSSARD		
JOHN SOURIAL	ERRG	
OSCAR OROZCO	ERRG	
Juan Novoto	ESPINOSA	
JR. RUIZ	ESPINOSA	
Shanti Mahyamy	ESPINOSA	
Ty APM	ERRG	
LIZ BINNING	ERRG	

Health & Safety Officer Dick Gap **SUPERINTENDENT** Ty APM

SIGNATURE **SIGNATURE**

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	10/6/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE - CHANGING LOCATIONS. TAKE TIME TO SET-UP AND REFLECT ON WHERE EVERYONE IS AND THEIR RANGE OF MOVEMENT.

INSTALLED SNOW FENCE AROUND EXCAVATIONS FOR VISIBILITY.

EXCAVATING HOT SPOTS AV-22, STARTED ON B3416

REMOVING STOCKPILES SPD -14 & 15.

INSTALLING PRIVACY SCREENS ON NW FENCE AT IR-07 & 18.

SURVEYORS WORKING ON RIP RAP. LOWER LIMIT WILL BE THE STAIN LINE ON THE RIP RAP. BELOW THAT IS TOO SLIPPERY TO SAFELY CHECK GRADES.

Signed: [signature] Date: 10/6/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 6, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. No invasive or dust generating activities were performed. RCA postings were routinely checked.
- Towed array gamma surveys were started in Survey Unit (SU)-4 (80% complete) and SU-5 (80% complete).
- Systematic samples were collected from SU-31.
- Bias samples were collected from Screening Pads 7 through 12.

Issues/Items Pending Action

- None.

Project/Location: Hunter's Point Shipyard

Air Sample ID #									Initial Airborne Concentration				
Sample Prefix #	Date	Sample #	Location	Description	Start Time	Stop Time	Air Sampler ID	Sample Vol. in mL	Activity in µCi/ml α	Activity in µCi/ml βγ	% DAC Alpha	% DAC Beta	Counter ID #
HPS-PAR-B-AS-	8/18/10	11227	IR07	Upwind	6:30	14:00	6228	5.10E+07	4.64E-14	5.53E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/18/10	11228	IR07	Downwind	6:30	14:00	6230	5.10E+07	4.20E-14	7.73E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/20/10	11245	IR07	Upwind	1:30	8:30	60082	4.76E+07	4.02E-14	5.72E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/20/10	11246	IR07	Downwind	1:30	8:30	6230	4.76E+07	4.73E-14	1.07E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/23/10	11261	IR07	Upwind	3:15	12:00	60082	3.72E+07	7.98E-13	1.27E-12	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/25/10	11283	IR07	Upwind	4:15	13:00	60082	3.72E+07	5.19E-13	6.97E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/25/10	11284	IR07	Downwind	4:15	13:00	6230	3.72E+07	2.65E-13	3.82E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	8/30/10	11313	IR07	Downwind	6:15	14:15	6230	3.40E+07	8.42E-14	1.33E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	9/2/10	11337	IR07	Downwind	6:45	14:30	6230	3.29E+07	5.38E-13	8.48E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	9/7/10	11346	IR07	Upwind	7:00	14:30	60082	3.19E+07	4.31E-14	3.61E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	9/16/10	11428	IR07	Upwind	7:00	14:30	60082	3.19E+07	5.97E-14	6.11E-14	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	9/16/10	11429	IR07	Downwind	7:00	14:30	6230	3.19E+07	9.51E-14	2.16E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	9/24/10	11495	IR07	Upwind	7:00	14:30	60082	3.19E+07	3.06E-13	4.76E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	9/28/10	11522	IR07	Upwind	7:00	14:30	60082	3.19E+07	1.08E-12	1.56E-12	<10%	<10%	Protean WPC 9550 - 0615068

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/OCT/10

REPORT NO 077

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	TtEC performing towed array radiological scans near the south corner of IR-07, TtEC taking systematic samples of IR-07.
09	Removed hotspot AT22 in Parcel G, started breaking out asphalt above hotspot B3416.
10	Removed stockpiles SPD14 and SPD15 in Parcel G.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/06/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 10/6/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/6/2010

Photo 1: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Excavation of AT22 in Parcel G.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 6, 2010

Photo 2: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Completed excavation of AT22 in Parcel G.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: October 6, 2010

Photo 3: Soil Stockpile Removal at Parcels D-1 and G – Removal of soil stockpile SPD14 in Parcel G.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: October 6, 2010

Photo 4: Soil Stockpile Removal at Parcels D-1 and G – Completed removal of soil stockpile SPD15 in Parcel G.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: October 6, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 07/OCT/10
		REPORT NO: 078
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Clear, warm	PM WEATHER: Clear, warm	MAX TEMP (F): 71 / MIN TEMP (F): 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04, 09	Crew working on installing BMPs along site boundaries, installing privacy	ERRG	1	Superintendent	8
	screen on northwest boundary temp fence, removing hotspots B3416, B3426,	ERRG	0	Construction Manager	0
	and B4716, surveyors onsite placing radiological sampling points, TtEC	ERRG	1	Project Manager	8
	continuing sampling of IR-07, TtEC continuing towed array scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	1	Truck Drivers	8
		ERRG	2	Laborer	16
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 120
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 11148.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 11268.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04, 09	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	ERRG	JD 200CLC Excavator - 1ea	8
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	2

Schedule Activity No.	REMARKS

James Nores — 10/06/10

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 07/OCT/10
		REPORT NO: 078 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, warm	Clear, warm	71	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	8
	Harris Blade	2K Water Truck - 1ea	0
	United Rentals	Light Tower - 1ea	8

Schedule Activity No.	REMARKS

James Nores — 10/06/10

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/7/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION PARCEL B, HOT SPOTS

TYPE OF WORK EXCAVATE HOT SPOTS, PRIVACY SCREEN ON FENCE, WADDLE ALONG LAYDOWN AREA

SAFETY TOPICS PRESENTED

SAFETY TOPICS PUNCTURES, UNEVEN SURFACES

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
TJ APMP	ERRG	[signature]
DAVID HASAG	ERRG	[signature]
Roberto Aguilera	ERRG	[signature]
Scott Worthy	Harris/ERRG	[signature]
LISA BROUSSARD	NWT	[signature]
RUSSELL JACKSON	HARRIS/ERRG	[signature]
JASON WALTHER	NWT	[signature]
Ken Mark	ERRG	[signature]
JOHN JOURIAL	ERRG	[signature]
William Schmidt	ERRG	[signature]
JR Ruiz	ESPINOSA.	[signature]
Juan Lovato	ESPINOSA	[signature]
Tanner Bennett	ERRG	[signature]
Liz Binning	ERRG	[signature]
Shirley Ng	ROICC	[signature]
[signature]	ROIC	[signature]

Health & Safety Officer DICK EPP **SUPERINTENDENT** TJ APMP

SIGNATURE [signature] **SIGNATURE** [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	10/7/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	PARTLY CLOUDY	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – MOVING & SET-UPS, UNEVEN SURFACES, PUNCTURE WOUNDS.

COMPLETED LAST 3 HOT SPOT EXCAVATIONS B3416, B3426, B4716.

COMPLETED PLACING WADDLE IN AREAS 1R-07 & 1B.

COMPLETED INSTALLING PRIVACY SCREENING ON NW BOUNDARY FENCE.

EQUIPMENT IN USE: WATER TRUCK, DUMP TRUCK, EXCAVATOR, AND LOADER

Signed: [signature] Date: 10/7/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 7, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. No invasive or dust generating activities were performed. RCA postings were routinely checked.
- Towed array gamma surveys were started in Survey Unit (SU)-40 (80% complete) and completed in SU-35.
- Systematic samples were collected from SU-1, SU-2, SU-3, and SU-32.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/OCT/10

REPORT NO 078

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	TtEC performing towed array radiological scans near the south corner of IR-07, TtEC taking systematic samples of IR-07.
09	Removed hotspots B3416, B3426, and B4716 in Parcel B.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/07/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/7/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/7/2010

Photo 1: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Completed excavation of B3426 in Parcel B.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 7, 2010

Photo 2: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Excavation of B3416 in Parcel B.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 7, 2010

Photo 3: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Excavation of B4716 in Parcel B.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 7, 2010

Photo 4: Radiological Screening and Remediation – Installation of BMPs along stormwater channels in preparation for demobilization for final status survey of IR-07.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 7, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	08/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	079
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, hot
MAX TEMP (F)	74
MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04, 09, 10	Crew working on installing privacy screen on northwest boundary temp fence,	ERRG	1	Superintendent	8
	winterizing all hotspot removal and stockpile removal piles, removing rad pad	ERRG	0	Construction Manager	0
	survey unit 6 from RCA, applying gorrilla-snot to rad pad piles in laydown area,	ERRG	1	Project Manager	8
	TtEC continuing sampling of IR-07, TtEC continuing towed array scan	ERRG	1	QC Manager	8
	of IR-07.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	18
		ERRG	1	Truck Drivers	8
		ERRG	2	Laborer	14
		Tetra Tech	3	Rad Techs	24
		Espinoza	0	Surveyors	0

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	104
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11268.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11372.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
04, 09, 10	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	12
	ERRG	JD 200CLC Excavator - 1ea	8
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	8
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	2

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/08/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	08/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	079 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, hot
MAX TEMP (F)	74
MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	2
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	16
	Harris Blade	2K Water Truck - 1ea	0
	United Rentals	Light Tower - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/08/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/8/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK RAD PAD #6

SAFETY TOPICS PRESENTED

SAFETY TOPICS CONGESTION, AWARENESS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNTURN SURFACES.

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Ty Arml	ERRG	[signature]
William Schmidt	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
Roberto Aguilera	ERRG	[signature]
Ken Mark	ERRG	[signature]
LISA BROUSSARD	NWT	[signature]
Scott Worthington	Harris/ERRG	[signature]
[illegible]	Tlen	
JASON WALTHER	NWT	[signature]
J. Cunningham	NWT	
RUSSELL JACKSON	HARRIS/ERRG	[signature]
LIZ BINNING	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
Shent, Montgomery	TLEC	[signature]

Health & Safety Officer Dick Epp

SIGNATURE [signature]

SUPERINTENDENT Ty Arml

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	FRIDAY	Date:	10/8/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE - DIFFERING ACTIVITIES, BE ALERT, WATCH FOR PEOPLE ON FOOT.

HAULED SPOIL FROM SCANNING PAD TO STAGING AREA, #6 ROW

SPRAYED ALL SPOIL PILES WITH GREEN "GORILLA SHOT".

COMPLETED PLACING WADDLE IN STAGING AREA.

RA-22 SPOIL (INSIDE FENCE) SPREAD IN 12" LAYER ON PLASTIC FOR SCANNING.

INSTALLED PRIVACY SCREEN ON LAST PANELS NEAR SHORELINE.

EQUIPMENT IN USE: WATER TRUCK, FLATBED TRUCK, BULLDOZER, 2 DUMP TRUCKS, BUD LOADER, HARRIS GORILLA SHOT SPRAY TRUCK

Signed: [signature] Date: 10/8/10

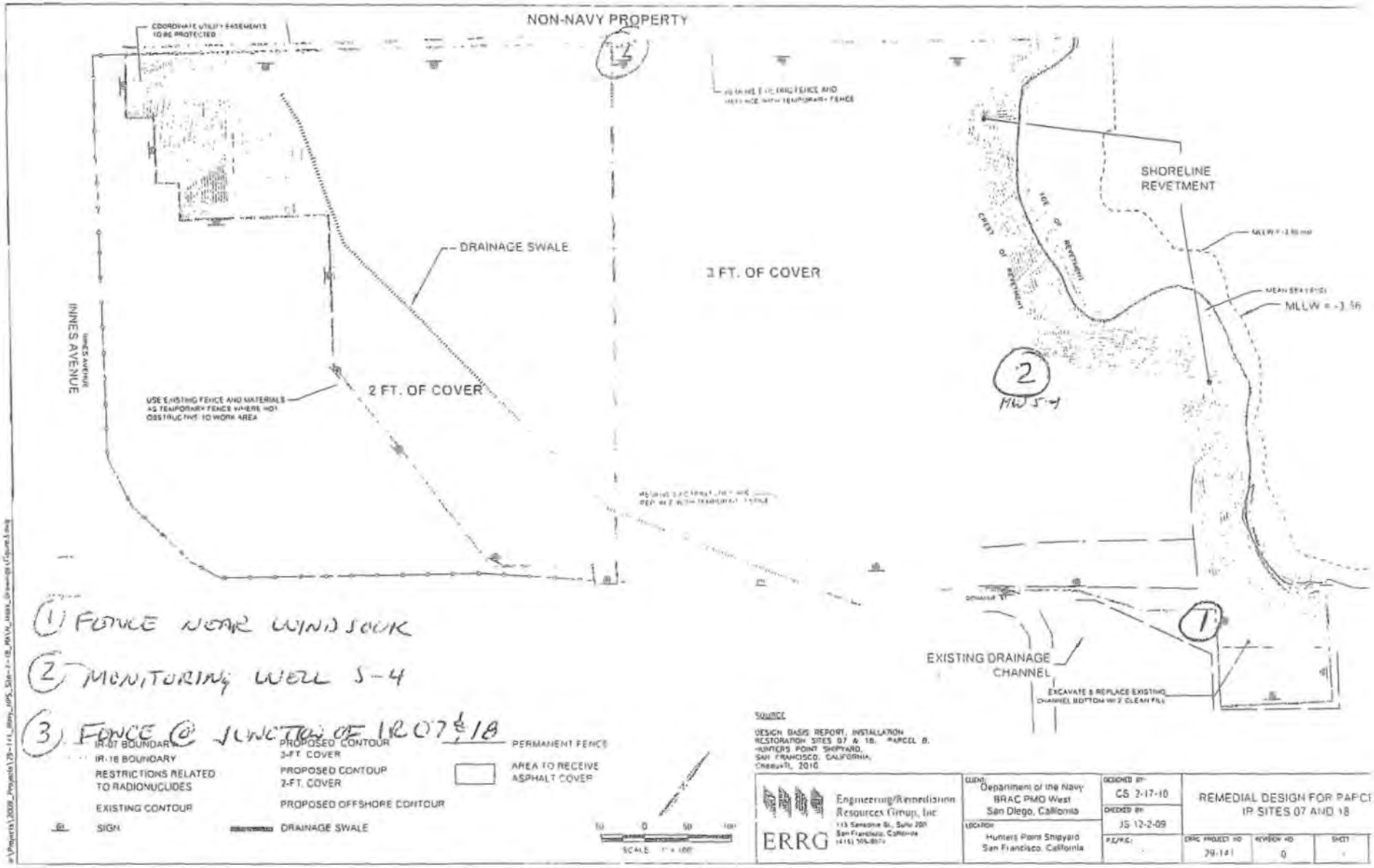
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time):

Client: U.S NAVY
Project No.: 29-141
Page: 1 of
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC ~~PID~~	~~DataRAM~~ TWA	Comments	dBA
#3	10/8/10	0702	0.034	0.036	10973	52.6
#2		0707	0.146	0.086	10972	63.6
#1		0710	0.038	0.081	10971	66.3
#1		0903	0.029	0.043	10971	62.4
#2		0934	0.097	0.091	10972	64.6
#1	Battery Dump	1230	—	—	10971	—
#3		1247	0.024	0.036	10973	53.9
#2		1255	0.106	0.103	10972	—


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
INNES AVENUE
SHORELINE REVETMENT
CREST OF REVETMENT
TOE OF REVETMENT
MEAN SEA LEVEL
MLLW = -3.56
2
MW 5-4
1
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
(1) FENCE NEAR WINDSOCK
(2) MONITORING WELL S-4
(3) FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT. COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, CheapeTL, 2010
ERRG
Engineering/Remediation Resources Group, Inc
CLIENT: Department of the Navy BRAC PMO West San Diego, California
LOCATION: Hunters Point Shipyard San Francisco, California
DESIGNED BY: CS 2-17-10
CHECKED BY: JS 12-2-09
REMEDIAL DESIGN FOR PARCE IR SITES 07 AND 18
ERRG PROJECT NO 29-141
REVISION NO 0
SHEET

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: FLAT BED **Identification Number:** 4Y54998

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	10/4/10			10-5-10			10-6-10			10-7-10			10-8-10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	ADED WATER
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: D6N LGP **Identification Number:** JV6N73

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	RJ 10/04/10			RJ 10/05/10			RJ 10/06/10			RJ 10/07/10			RJ 10/08/10			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 325L ~~[illegible]~~ LONG REACH **Identification Number:** BL7X87

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	RJ 10/04/10			RJ 10/05/10			RJ 10/06/10			RJ 10/07/10			RJ 10/08/10			**Defect(s):**
Heavy Equipment Defects	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: generator **Identification Number:** site # 1

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	10/4 ws			10/5 ws			10/6 ws			10/7 ws						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Tracks	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Steps and handgrips	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Guards on moving parts?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Engine belts and hoses	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Fluid levels acceptable?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Seat belt operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Fire extinguisher present?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Gauges operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Battery charged?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Horn operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Back up alarm operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Lights and signals operative?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Steering and other controls	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	
Brakes	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	

Explain corrective actions taken: refill on 10/5

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: END LOADER **Identification Number:** PX6536

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	10/4/10			10/5/10			10/6/10			10/8/10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓						
Tracks			✓			✓			✓			✓				
Steps and handgrips	✓			✓			✓			✓						
Guards on moving parts?	✓			✓			✓			✓						
Engine belts and hoses	✓			✓			✓			✓						
Fluid levels acceptable?	✓			✓			✓			✓						
Loading/lifting capacity marked?	✓			✓			✓			✓						
Seat belt operative?	✓			✓			✓			✓						
Fire extinguisher present?	✓			✓			✓			✓						
Windows and mirrors unbroken?	✓			✓			✓			✓						
Gauges operative?	✓			✓			✓			✓						
Battery charged?	✓			✓			✓			✓						
Windshield wipers operative?	✓			✓			✓			✓						
Horn operative?	✓			✓			✓			✓						
Back up alarm operative?	✓			✓			✓			✓						
Lights and signals operative?	✓			✓			✓			✓						
Steering and other controls	✓			✓			✓			✓						
Brakes	✓			✓			✓			✓						

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: ARTICULATING TRUCK **Identification Number:** M15113

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	OCT 05-10 DH			OCT 06-10 DH			OCT 07 DH			OCT 8-10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Fire extinguisher present?	✓ M		☐	✓ M		☐	✓ M		☐	✓	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	✓	☐	FRONT WIPER NOT WORKING
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	✓	☐	☐	☐	☐	☐	

Explain corrective actions taken: FIRE EXTINGUISHER IS UNDER BUDDY SEAT

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: DUMP TRUCK **Identification Number:** M15397

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	10/4/10 (OO)			10-5-10 (DH)			10-6-10			10-8-10 (DH)						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	ADED WATER
Loading/lifting capacity marked?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☒	☐	☑	☒	☐	☑	☒	☐	☐	☐	☐	NOTE: FIRE EXTINGUISHER UNDER THE SEAT.
Windows and mirrors unbroken?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	FUEL GUAGE DOESNT WORK
Battery charged?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Brakes	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	

Explain corrective actions taken: FIRE EXT. UNDER BUDDY SEAT

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 8, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Towed array gamma surveys were completed in Survey Unit (SU)-40.
- ERRG completed the transfer of Screening Pad 6 to the stockpile storage area pending receipt of the offsite data.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 08/OCT/10

REPORT NO 079

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Removed rad pad survey unit 6 from the RCA and stockpiled in the laydown area, applied gorrilla-snot to rad pad survey unit piles,
	TtEC performing towed array radiological scans near the south corner of IR-07, TtEC taking systematic samples of IR-07.
09	Spread out portion of BA-22 that originated within the Shaw RCA for rad scanning, covered hotspot removal piles with poly and surrounded with wattles.
10	Covered stockpile removal piles with poly and surrounded with wattles.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/08/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/8/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/8/2010

Photo 1: Radioactive Screening and Remediation – Removal of rad pad survey unit 6 from the RCA for stockpiling in the laydown area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 8, 2010

Photo 2: Radioactive Screening and Remediation – Winterization of rad pad survey unit piles in the laydown area through application of dyed gorilla-snot.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 8, 2010

Photo 3: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Winterizing hotspot piles by covering with poly and surrounding with wattles.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 8, 2010

Photo 4: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Spreading of soil from BA-22 removed from inside the Shaw RCA for rad scanning prior to disposal.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 8, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 11/OCT/10
		REPORT NO: 080

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, warm	Clear, hot	85	62

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04, 09, 10	Crew working on remediating northwest property boundary cut of IR-18,	ERRG	1	Superintendent	8
	finishing winterization of all hotspot removal and stockpile removal piles,	ERRG	0	Construction Manager	0
	surveyors onsite placing radiological sampling points, TtEC continuing	ERRG	1	Project Manager	8
	sampling of IR-07, TtEC continuing towed array scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	1	Equipment Operators	8
		ERRG	0	Truck Drivers	0
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	88
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11372.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11460.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04, 09	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	8
	Harris Blade	Cat 950 Loader - 1ea	0
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/11/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	11/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	080 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, hot
MAX TEMP (F)	85
MIN TEMP (F)	62

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	0
	Harris Blade	2K Water Truck - 1ea	0
	United Rentals	Light Tower - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/11/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/11/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B + IR-18

TYPE OF WORK EQUIPMENT COORDINATION, DIG HOT SPOT IN IR-18, COVER STOCKPILES

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT COORDINATION, UNEVEN SURFACES

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNEVEN SURFACES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Lin Binning	ERRG	[signature]
Boris Porthitt	ERRG	Boris Porthitt
Will Schmidt	ERRG	Will Schmidt
JR Ruiz	ESPINOSA	[signature]
Juan Lovato	ESPINOSA	[signature]
J. Cunningham	NWT	[signature]
JASON WALTHER	NWT	[signature]

Health & Safety Officer DICK EPP

SIGNATURE [signature]

SUPERINTENDENT JAMES [signature]

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RRG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	10/11/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – EQUIPMENT CHECKS, UNEVEN SURFACES

COVERING STOCKPILES WITH POLY.

EXCAVATED HOTSPOT IN IR-18, LOADED INTO RLW BW.

~~EXCAVATOR~~ SURVEYORS ON SITE

FENCE LINE SURVEY – ALL OK

EQUIPMENT IN USE – WATER TRUCK, EXCAVATOR, BACKLOADER

Signed: [signature] Date: 10/11/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 11, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- ERRG surveyors located systematic sample points in Survey Units 5, 6, and 7 and began locating biased sample points in Survey Units 25, 26, 27, 28, 29, 31, 32, 33, and 34.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 11/OCT/10

REPORT NO 080

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Remediated northwest property boundary cut, TtEC performing towed array radiological scans near the south corner of IR-07, TtEC taking
	systematic samples of IR-07.
09	Finished covering hotspot removal piles with poly and surrounded with wattles.
10	Finished covering stockpile removal piles with poly and surrounded with wattles.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/11/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 10/11/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/11/2010

Photo 1: Radioactive Screening and Remediation – Remediation of IR-18 northwest property boundary cut.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: October 11, 2010

Photo 2: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Completed winterization hotspot piles by covering with poly and surrounding with wattles.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 11, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 12/OCT/10
		REPORT NO: 081

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, warm	Clear, hot	92	70

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Surveyors onsite placing radiological sampling points, TtEC continuing	ERRG	1	Superintendent	8
	sampling of IR-07, TtEC continuing towed array scan of IR-07.	ERRG	0	Construction Manager	0
		ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	0	Equipment Operators	0
		ERRG	0	Truck Drivers	0
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	80
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11460.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11540.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	0
	ERRG	JD 200CLC Excavator - 1ea	0
	Harris Blade	Cat 950 Loader - 1ea	0
	United Rentals	25 KW Generators - 2ea	0
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	0
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/12/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	12/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	081 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, hot
MAX TEMP (F)	92
MIN TEMP (F)	70

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	0
	Harris Blade	2K Water Truck - 1ea	0
	United Rentals	Light Tower - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/12/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/12/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK SURVEYING

SAFETY TOPICS PRESENTED

SAFETY TOPICS UNEVEN SURFACES, HEAT & HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN SURFACES, HEAT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JASON WALTHER	NWT	[signature]
William Schmidt	ERRG	[signature]
J. Cunningham	NWT	[signature]
Lisa Broussard	NWT	[signature]
Adam Berry	Tlerc	[signature]
Juan Lovato	ESPINOSA	[signature]
JR Ruiz	ESPINOSA	[signature]
Liz Biming	ERRG	[signature]
Shirley Ng	ROILC	[signature]

Health & Safety Officer Dick Epp

SIGNATURE [signature]

SUPERINTENDENT James Noves

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	10/12/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE - UNEVEN SURFACES, HEAT & HYDRATION.

SURVEYORS ON SITE

ELECTRICIAN FIXED GROUND ROD TO TRAILER

EQUIPMENT IN USE: NONE

Signed: [signature] Date: 10/12/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 12, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Systematic samples were collected from Survey Units 5, 6 and 7.
- Biased samples were collected from Survey Units 25, 32, 33, and 34.
- Towed array gamma survey was completed in Survey Unit 17.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 12/OCT/10

REPORT NO 081

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	TtEC performing towed array radiological scans near the south corner of IR-07, TtEC taking systematic samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/12/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/12/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/12/2010

Photo 1: Radioactive Screening and Remediation – Surveying of systematic and bias sample locations for IR-07 survey units.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: October 12, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 13/OCT/10
		REPORT NO: 082

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, warm	Clear, hot	82	67

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on remediation of survey units 11 and 12 of the rad pad, TtEC	ERRG	1	Superintendent	8
	continuing sampling of IR-07, TtEC continuing towed array scan of IR-07.	ERRG	0	Construction Manager	0
		ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	1	Equipment Operators	8
		ERRG	0	Truck Drivers	0
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	0	Surveyors	0

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	72
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11540.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11612.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	8
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/13/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	082 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, hot
MAX TEMP (F)	82
MIN TEMP (F)	67

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	0
	Harris Blade	2K Water Truck - 1ea	0
	United Rentals	Light Tower - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/13/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/13/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK HOT SPOT EXCAVATION IN RCA ON SPOIL PAD

SAFETY TOPICS PRESENTED

SAFETY TOPICS HEAT & HYDRATION, EQUIPMENT SAFETY

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN SURFACES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Adam Berry	Tec	[signature]
William Schmidt	ERRG	[signature]
J. Cunningham	NWT	[signature]
JASON WALTHER	NWT	[signature]
Lisa Broussard	NWT	[signature]
Boris Portillo	ERRG	Boris Portillo
Liz Binning	ERRG	[signature]

Health & Safety Officer DICK LEPP **SUPERINTENDENT** James Nores

SIGNATURE [signature] **SIGNATURE** [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	10/13/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – HEAT & HYDRATION

EXCAVATE HOT SPOTS ON RAD SCREENING PAD FOR SOILS & LOAD INTO LCW BINS.

FIXED FLAT ON 4K WATER TRUCK.

EQUIPMENT IN USE: LONG-REACH EXCAVATOR, END LOADER, WATER TRUCK

Signed: [signature] Date: 10/13/10

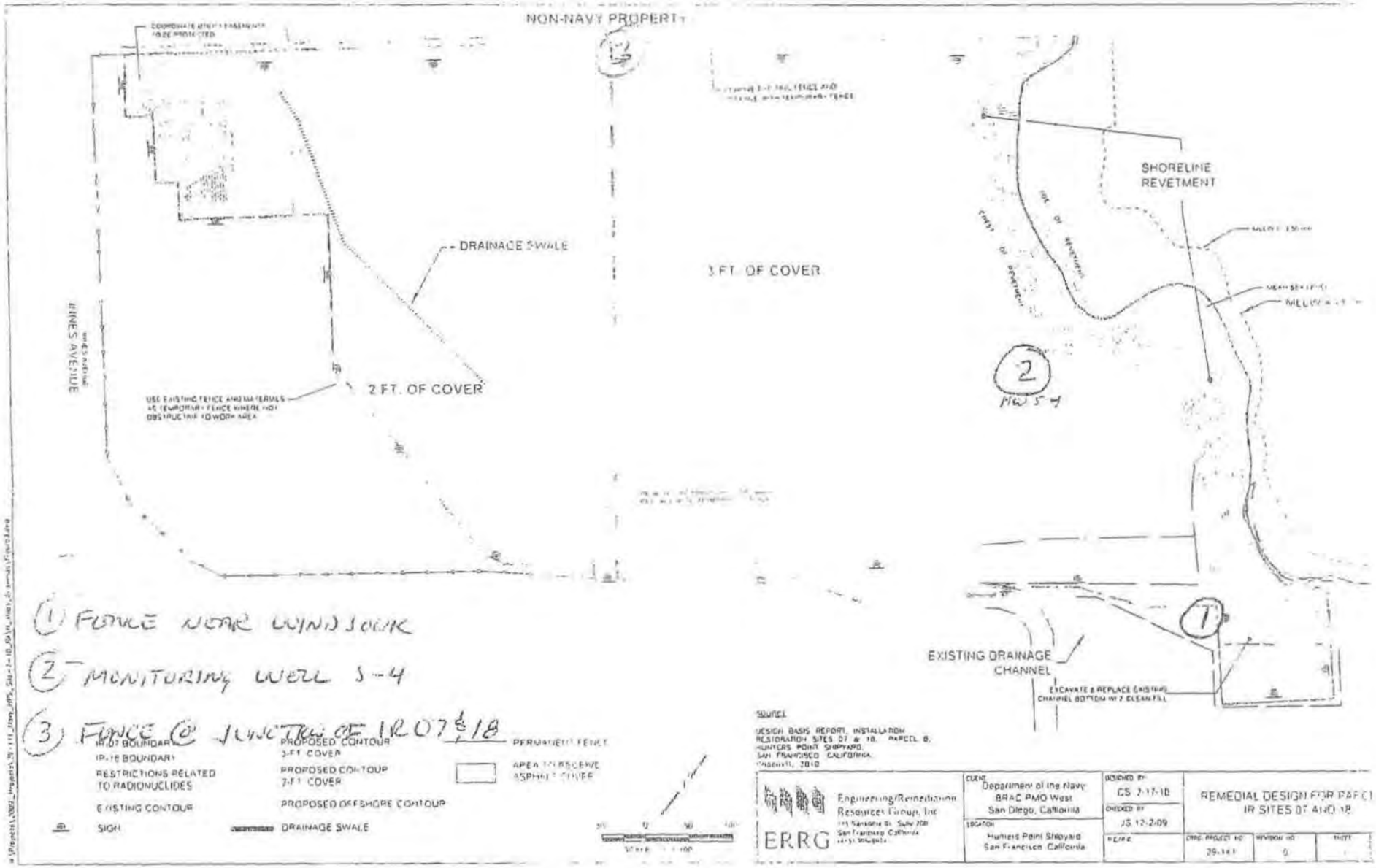
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK ERP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 0730 10/13/10

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC ~~PID~~	Instrument TWA ~~DataRAM~~	Comments
#3	10/13/10	0702	0.004	0.001	10973
#2 RECALIBRATED		0722	0.025	0.040	10972
#1 " "		0736	0.022	0.045	10971
#1		0936	0.016	0.021	10971
#2		0944	0.001	0.017	10972
#2		1030	0.002	0.012	10972
#3		1312	0.000	0.001	10973
#2 BATTERY DEAD		1315	—	—	10972
#1		1317	0.004	0.020	10971


NON-NAVY PROPERTY
3
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
BINES AVENUE
SHORELINE REVETMENT
2
MW S-4
1
EXISTING DRAINAGE CHANNEL
1) FENCE NEAR WINDSOCK
2) MONITORING WELL S-4
3) FENCE @ JUNCTION OF IR07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 7-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, 2010
ERRG
Engineering/Remediation Resources Group, Inc.
Department of the Navy BRAC PMO West San Diego, California
Hunters Point Shipyard San Francisco, California
DESIGNED BY CS 7-17-10
CHECKED BY JS 12-2-09
REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
DWG. PROJECT NO 29-141
REVISION NO 0

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 13, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Systematic samples were collected from Survey Unit 17.
- Biased samples were collected from Survey Units 26, 27, 28, and 29.
- Towed array gamma survey was completed in Survey Unit 5.
- ERRG completed the remediation of Screening Pad 12.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/OCT/10

REPORT NO 082

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Remediation of rad pad survey units 11 and 12, TtEC performing towed array radiological scans near the south corner of IR-07,
	TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/13/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/13/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/13/2010

Photo 1: Radioactive Screening and Remediation – Remediation of rad pad survey unit 12.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 13, 2010

Photo 2: Radioactive Screening and Remediation – Systematic sampling of IR-07 survey units.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 13, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 14/OCT/10
		REPORT NO: 083
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear, warm	Clear, hot	84	67

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on remediation of survey units 11 and 12 of the rad pad,	ERRG	1	Superintendent	8
	remediation of survey units 7, 8, 9, and 12 of the rad pad, TtEC continuing	ERRG	0	Construction Manager	0
	sampling of IR-07, TtEC continuing towed array scan of IR-07.	ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	1	Equipment Operators	6
		ERRG	0	Truck Drivers	0
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	0	Surveyors	0

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	70
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11612.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11682.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	6
	ERRG	JD 200CLC Excavator - 1ea	6
	Harris Blade	Cat 950 Loader - 1ea	6
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/14/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	083 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, hot
MAX TEMP (F)	84
MIN TEMP (F)	67

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	0
	Harris Blade	2K Water Truck - 1ea	0
	United Rentals	Light Tower - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/14/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/14/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK EXCAVATE HOTSPOTS

SAFETY TOPICS PRESENTED

SAFETY TOPICS HEAT, PPE

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN SURFACES, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
William Schmidt	ERRG	[signature]
Boris Portillo	ERRG	Boris Portillo
Lisa Broussard	NWT	[signature]
JASON WALTHER	NWT	[signature]
Adam Berry	Teri	[signature]
J. Cunningham	NWT	[signature]
Liz Binning	ERRG	[signature]

Health & Safety Officer Dick Bell

SIGNATURE [signature]

SUPERINTENDENT James Norris

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	10/14/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	PARTLY CLOUDY	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – HEAT, PPE

REMOVING HOT SPOTS FROM SPOIL RAD PAD AND LOADING INTO LLW BINS

TETRA TECH TOWER ARRIVED WORKING ON SITE.

EQUIPMENT IN USE: WATER TRUCK, EXCAVATOR, LONG REACH EXCAVATOR, LOADER

Signed: [signature] Date: 10/14/10

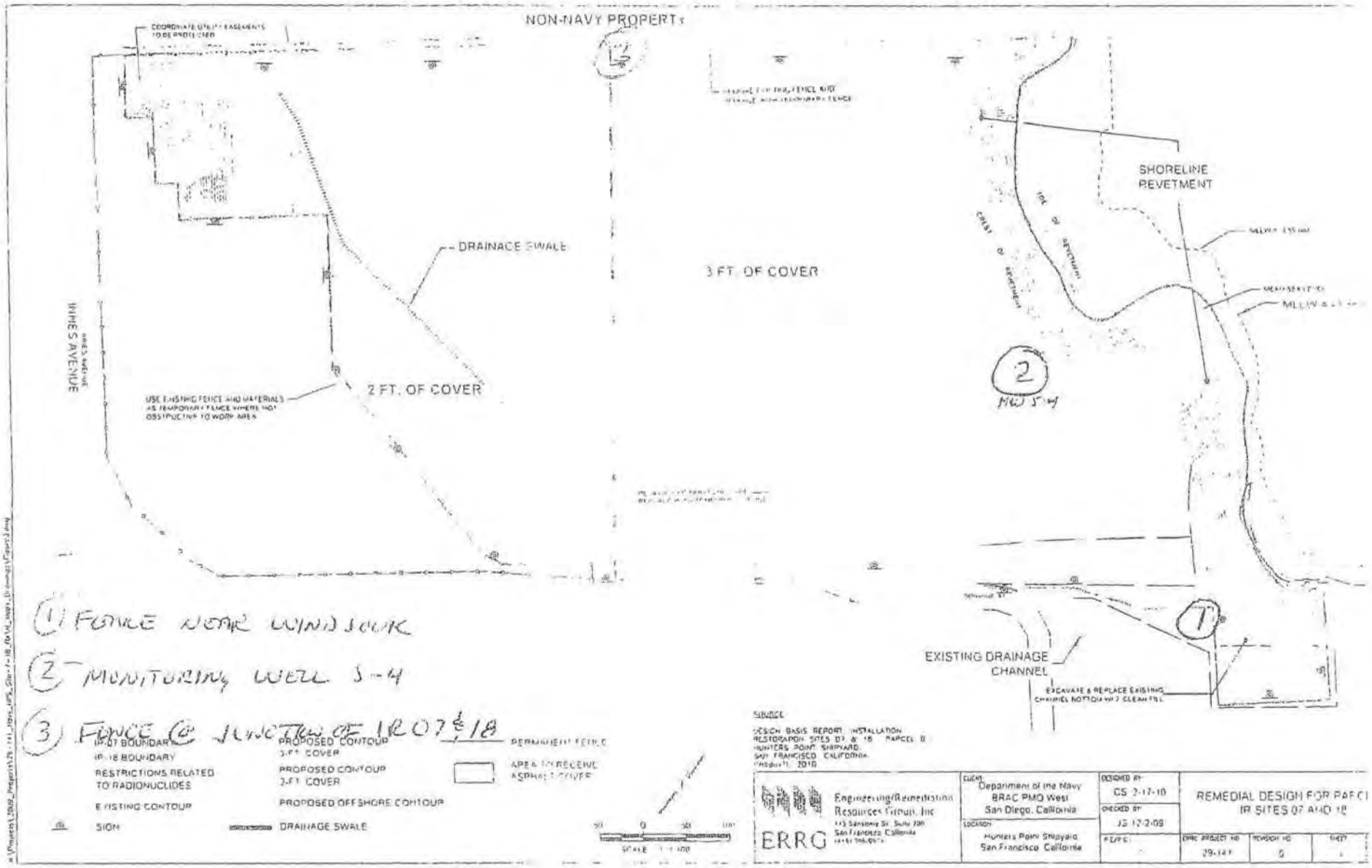
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EDP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 10/13/10

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument: Cone ~~PID~~	Instrument: DataRAM	Comments
#3	10/14/10	0721	0.026	0.035	10973
#2		0725	0.037	0.047	10972
#1		0728	0.030	0.034	10971
#1		0901	0.016	0.027	10971
#2		0904	0.019	0.030	10972
#3		0908	0.023	0.026	10973
#1		1014	0.017	0.023	10971
#1		1252	0.026	0.024	10971
#2		1255	0.032	0.027	10972
#2		1345	0.032	0.027	10972
#1 BATTERY DEAD		1350	—	—	10971
#3		1434	0.017	0.021	10973
#2		1440	0.036	0.028	10972


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
HINES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW
2
MW S-4
1
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2 CLEAN FILL
1 FENCE NEAR WINDSOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3 FT COVER
PROPOSED CONTOUR 2 FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT INSTALLATION RESTORATION SITES 07 & 18 PARCEL B HUNTERS POINT SHIPYARD SAN FRANCISCO CALIFORNIA FEBRUARY 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St. Suite 700
San Francisco California
CLIENT
Department of the Navy
BRAC PMO West
San Diego, California
LOCATION
Hunters Point Shipyard
San Francisco California
DESIGNED BY CS 2-17-10
CHECKED BY JS 12-2-09
REMEDIAL DESIGN FOR PARCEL B
IR SITES 07 AND 18
ERRG PROJECT NO 29-121
REVISION NO 0

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 14, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Towed array gamma survey was completed in Survey Units 4, 6, and 7.
- ERRG continued remediation of Screening Pads.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 14/OCT/10

REPORT NO 083

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Finished remediation of rad pad survey units 11 and 12, started remediation of rad pad survey units 7, 8, 9, and 10, TtEC performing towed array
	radiological scans near the south corner of IR-07, TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/14/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/14/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/14/2010

Photo 1: Radioactive Screening and Remediation – Remediation of rad pad survey units 7, 8, 9, 10.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 14, 2010

Photo 2: Radioactive Screening and Remediation – Remediation of rad pad survey units 7, 8, 9, 10.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: October 14, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	084
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, warm
MAX TEMP (F)	74
MIN TEMP (F)	61

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on removal of survey units 11 and 12 of the rad pad, TtEC	ERRG	1	Superintendent	8
	continuing sampling of IR-07, TtEC continuing towed array scan of IR-07.	ERRG	0	Construction Manager	0
		ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	0	Truck Drivers	0
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	0	Surveyors	0

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	80
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11682.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11762.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	0
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	8
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/15/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	084 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear, warm
PM WEATHER	Clear, warm
MAX TEMP (F)	74
MIN TEMP (F)	61

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	16
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/15/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	18/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	085
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, cool
PM WEATHER	Cloudy, warm
MAX TEMP (F)	66
MIN TEMP (F)	59

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on remediation of survey units 7, 8, 9, and 10, removal of survey	ERRG	1	Superintendent	8
	unit 7 of the rad pad, surveyors onsite setting systematic and bias sample	ERRG	0	Construction Manager	0
	locations, TtEC continuing sampling of IR-07, TtEC continuing towed array	ERRG	1	Project Manager	8
	scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	1	Truck Drivers	8
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	104
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11762.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11866.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water

■ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	0
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	8
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/18/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	18/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	085 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, cool
PM WEATHER	Cloudy, warm
MAX TEMP (F)	66
MIN TEMP (F)	59

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	16
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/18/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/18/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK HOT SPOTS IN SPOIL PAD; FINISH HAULING #11 TO STOCKPILE AREA

SAFETY TOPICS PRESENTED

SAFETY TOPICS SLIPPERY FOOTING, CAPE IN CHANGING EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS WET, UNEVEN SURFACE

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JASON WALTHER	NWT	[signature]
Joe Cunningham	NWT	[signature]
Adam Bem	Tieri	[signature]
William Schmidt	ERRG	[signature]
Russell Jackson	HARRIS/ERRG	[signature]
Ken Mark	EDRO	[signature]
Scott Worthy	HARRIS/ERRG	[signature]
Liz Binding	ERRG	[signature]
Juan Lovelo	ESPINOSA	[signature]
SSR Ruiz	ESPINOSA	[signature]

Health & Safety Officer DICK EPP

SIGNATURE [signature]

SUPERINTENDENT James Noves

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	10/18/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLOUDY / 60 DEGREES	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – WET + SLIPPERY FOOTING, CARE IN CHANGING EQUIPMENT

CONTINUED HAULING SPOIL FROM RAD PAD #11 TO STOCKPILE, COMPLETED #11.

EXCAVATING HOT SPOTS IN SPOIL RAD PADS, LOADING INTO CLLW BINS.

BEGAN HAULING SPOIL FROM RAD PAD #7.

SURVEYORS ON SITE.

FENCING SECURE ON PERIMETER.

EQUIPMENT IN USE: WATER TRUCK, LONG-REACH EXCAVATOR, GRAD LOADER, 2 DUMP TRUCKS.

Signed: [signature] Date: 10/18/10

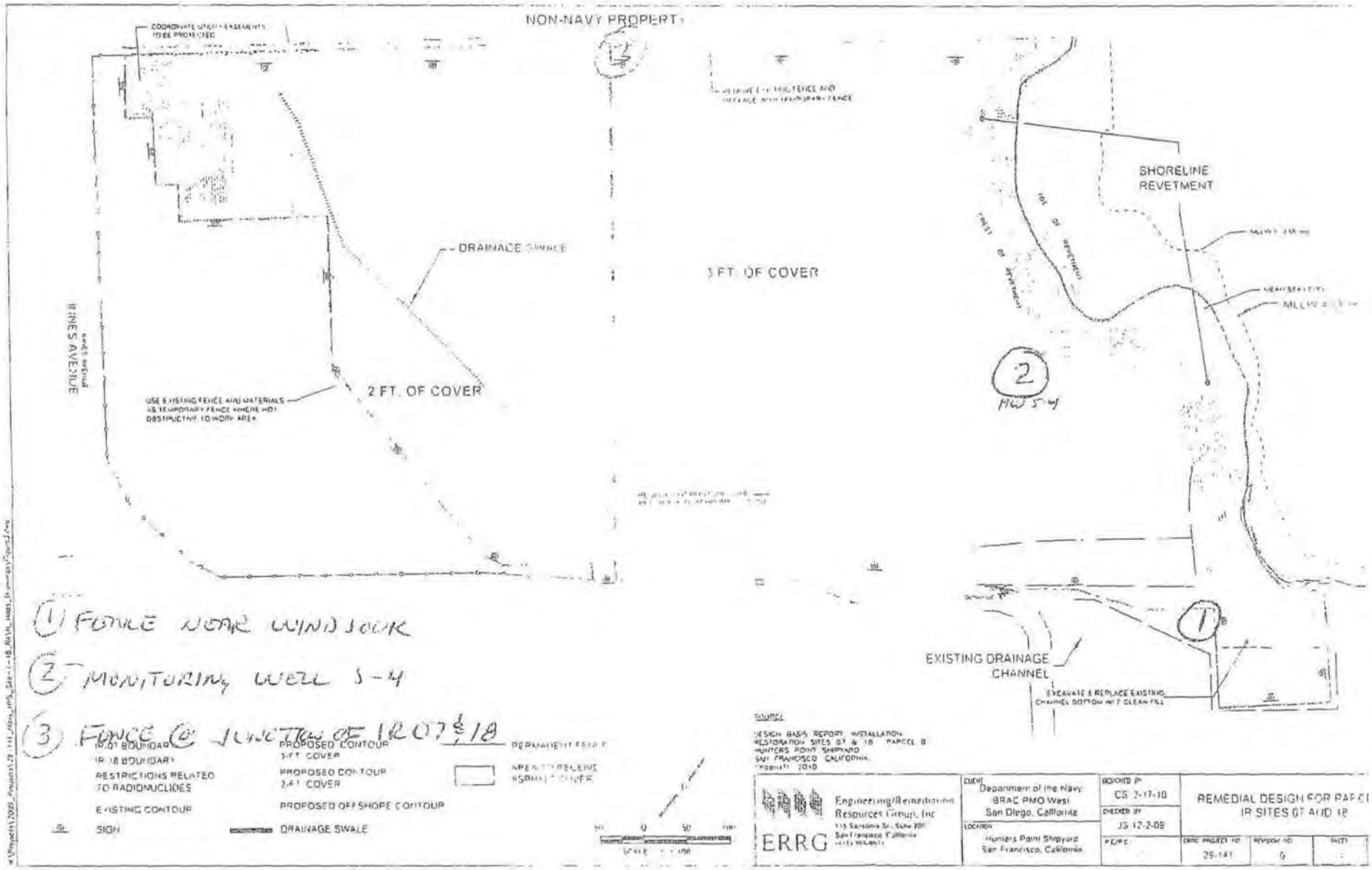
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GAP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 10/12/10

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument ~~PID~~ CONC	Instrument ~~DataRAM~~ TUR	Comments
#3	10/12/10	0712	0.017	0.020	10973
#2		0715	0.084	0.070	10972
#1		0718	0.016	0.019	10971
#1		0928	0.020	0.023	10971
#2		0930	0.045	0.061	10972
#3		0932	0.017	0.005	10973
#1		1228	0.024	0.022	10971
#2		1232	0.063	0.066	10972
#2		1324	0.040	0.064	10972
#1 BATTERY DOWN		1330	—	—	10971
#3		1426	0.014	0.166 (?)	10973
#2		1430	0.064	0.064	10972
#3 UPWIND – METER @ FOUCE.	@ 1316 + 17 – READINGS JUMPED FROM				0.019 to 40.260, 23.860 + BACK DOWN. TO 0.010.


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
INNES AVENUE
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MLLW
MEAN SEA LEVEL
MLLW
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2 CLEAN FILL
1
2
MW 5-4
3
(1) FENCE NEAR WINDSOCK
(2) MONITORING WELL 5-4
(3) FENCE @ JUNCTION OF IR 07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFF SHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18 PARCEL B HUNTERS POINT SHIPYARD SAN FRANCISCO, CALIFORNIA
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St., Suite 200 San Francisco, California
CLIENT
Department of the Navy BRAC PMO West San Diego, California
LOCATION
Hunters Point Shipyard San Francisco, California
DESIGNED BY CS 2-17-10
CHECKED BY JS 12-2-09
REMEDIAL DESIGN FOR PARCEL IR SITES 07 AND 18
ERRG PROJECT NO 29-141
REVISION NO 0
SHEET

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 18, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- ERRG relocated Screening Pad12 and part of Screening Pad 11 to the stockpile area adjacent to IR 07.
- ERRG continuing remediation in Screening Pads 7 – 10.
- Systematic samples were collected from Survey Unit (SU) 18 and SU 19.
- Biased samples were collected from SU 31.

Issues/Items Pending Action

- No towed array work was performed due to soil moisture content from rains on October 17, 2010.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 18/OCT/10

REPORT NO 085

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Finished removal of rad pad survey unit 11, started removal of rad pad survey unit 7, continued remediation of survey units 7, 8, 9, and 10, TtEC
	performing towed array radiological scans near the south corner of IR-07, TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/18/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/18/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/18/2010

Photo 1: Radioactive Screening and Remediation – Remediation of rad pad survey units 7, 8, 9, and 10.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 18, 2010

Photo 2: Radioactive Screening and Remediation – Remediation of rad pad survey units 7, 8, 9, and 10.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 18, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 19/OCT/10
		REPORT NO: 086
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Overcast, cool	Cloudy, warm	70	57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on remediation of survey units 9, and 10, removal of survey	ERRG	1	Superintendent	8
	units 7 and 8 of the rad pad, surveyors onsite setting systematic and bias	ERRG	0	Construction Manager	0
	sample locations, TtEC continuing sampling of IR-07, TtEC continuing towed	ERRG	1	Project Manager	8
	array scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	1	Truck Drivers	8
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	104
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11866.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11970.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	0
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	8
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	2

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/19/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	19/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	086 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, cool
PM WEATHER	Cloudy, warm
MAX TEMP (F)	70
MIN TEMP (F)	57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	16
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/19/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/19/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK CONTINUE SLUDGE PAD HOT SPOT REMOVAL & HAULING CLEANED SLUDGE PAD TO STOCKPILE.

SAFETY TOPICS PRESENTED

SAFETY TOPICS EARLY DARKNESS, WET SURFACES, WATCH FOR SURVEYORS

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNEVEN SURFACES

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
J. Cunningham	NWT	
Lisa Broussard	NWT	
JASON WALTHER	NWT	
Adam Berry	ITEC	
RUSSELL JACKSON	HARRIS/ERRG	
Ken Mayl	ERRG	
SCOTT WORTHY	HARRIS/ERRG	
SR. RUIZ	ESPINOSA	
JUAN LOVATO	ESPINOSA	
LIZ BINNING	ERRG	
William Schmidt	ERRG	

Health & Safety Officer DICK EPP

SIGNATURE

SUPERINTENDENT JAMES NORRIS

SIGNATURE

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	10/19/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	FOG, OVERCAST	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – DARKNESS BEFORE DST ENDS, WET SURFACES FROM FOG, AWARENESS.

CONTINUING REMOVING CLEARED SOIL FROM RAD PADS TO STOCKPILES IN STAGING AREA, FINISHING 7+8.

CONTINUING TO REMEDIATE HOT SPOTS ON SOIL PADS AS LLLW BINS ARE MADE AVAILABLE FOR LOADING.

SURVEY ON SITE.

TETRA TECH TOWED ARRAY SCANNING AREAS INCLUDING UNDER FORMER SOIL RAD PADS.

EQUIPMENT IN USE: WATER TRUCK, 2 DUMP TRUCKS, LONG REACH EXCAVATOR, AND LOADER.

Signed: [signature] Date: 10/19/10

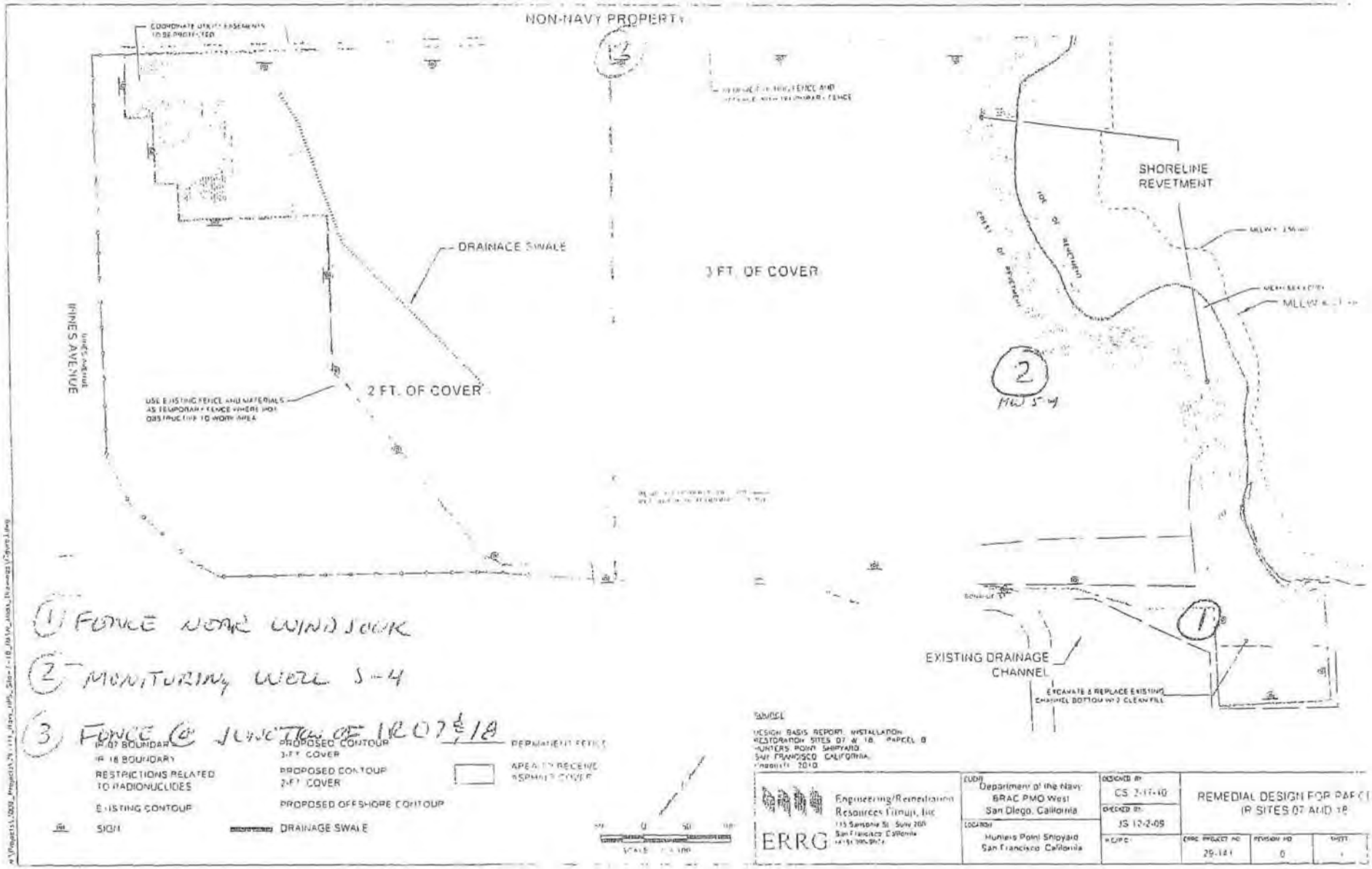
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 10/19/10 @ 0700

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location		Date	Time	Conc. Instrument ~~PID~~	~~DataRAM~~	Comments
#3	FOG	10/19/10	0719	0.030	0.031	10973
#2	FOG		0726	0.061	0.054	10972
#1	FOG.		0729	0.058	0.053	10971
#1	FOG		0913	0.085	0.078	10971
#2	FOG		0917	0.088	0.104	10972
#3	FOG OFF - RESET		0921	0.103	0.106	10973
#2			1215	0.066	0.082	10972
#3	BATTERY DOWN		1220	—	—	10973
#1			1230	0.051	0.064	10971
#1			1305	0.046	0.063	10971


NON-NAVY PROPERTY
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
HINES AVENUE
SHORELINE REVETMENT
MLLW
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2 CLEAN FILL
1
2
3
1 FENCE WORK WIND SOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR07 & 18
IR-07 BOUNDARY
IR 18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B
HUNTERS POINT SHIPYARD
SAN FRANCISCO, CALIFORNIA
ERRG
Engineering/Remediation Resources Group, Inc.
115 Sansome St. Suite 200
San Francisco, California
Department of the Navy
BRAC PMO West
San Diego, California
Hunters Point Shipyard
San Francisco, California
DESIGNED BY CS 2-17-10
CHECKED BY JS 12-2-09
REMEDIAL DESIGN FOR PARCEL B
IR SITES 07 AND 18
ERRG PROJECT NO 29-141
REVISION NO 0
SHEET

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 19, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- ERRG completed the relocation of Screening Pad 11 to the stockpile area adjacent to IR 07.
- ERRG continued remediation in Screening Pads 7 – 10.
- Systematic samples were collected from Survey Unit (SU) 20 and SU 29.
- Biased samples were collected from SU 1, SU 35, and SU 40.
- Completed towed array gamma scans in SU 18, SU 19, and SU 20.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 19/OCT/10

REPORT NO 086

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Finished removal of rad pad survey unit 7, started and finished removal of rad pad survey unit 8, continued remediation of survey units 7, 8, 9, and 10, TtEC
	performing towed array radiological scans near the south corner of IR-07, TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/19/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/19/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			**X**	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/19/2010

Photo 1: Radioactive Screening and Remediation – Removal of rad pad survey unit 7.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 19, 2010

Photo 2: Radioactive Screening and Remediation – Removal of rad pad survey unit 8.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 19, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/OCT/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	087	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Overcast, cool	
PM WEATHER	Partly cloudy, warm	
MAX TEMP (F)	66	
MIN TEMP (F)	56	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on remediation of survey units 9, and 10, removal of survey	ERRG	1	Superintendent	8
	units 9 and 10 of the rad pad, surveyors onsite setting systematic and bias	ERRG	0	Construction Manager	0
	sample locations, TtEC continuing sampling of IR-07, TtEC continuing towed	ERRG	1	Project Manager	8
	array scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	1	Truck Drivers	8
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	104
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11970.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12074.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	0
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	8
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	2

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/20/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	087 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, cool
PM WEATHER	Partly cloudy, warm
MAX TEMP (F)	66
MIN TEMP (F)	56

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	16
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/20/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/20/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, PARCEL B

TYPE OF WORK REMEDIATE SPOIL LAYDOWN AREA HOTSPOTS, HAUL CLEARED SPOIL LAYDOWN DIRT TO STOCKPILE

SAFETY TOPICS PRESENTED

SAFETY TOPICS DARKNESS, DON'T GET IN A HURRY, BIN TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT, UNEVEN SURFACE

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
LISA BROUSSARD	NWT	Lisa Broussard
William Schmidt	ERRG	
JASON WALTHER	NWT	
J. Cunningham	NWT	
Gedam Berry	ITEC	
Ken Mark	ERRG	
RUSSELL JACKSON	HARRIS/ERRG	
JR RUIZ	ESPINOSA.	
Juan Lovato	ESPINOSA	
LIZ BANNING	ERRG	

Health & Safety Officer DICK EPP

SIGNATURE

SUPERINTENDENT JAMES NAYCE

SIGNATURE

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	10/20/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	OVERCAST	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – DARKNESS, TRAFFIC (SURVEYORS & BIN HAULERS)

CONTINUE REMEDIATING HOT SPOTS AND LOADING LLW BINS, COMPLETED

CONTINUE REMOVING SPOIL FROM RAD PADS TO THE STOCKPILES IN THE STAGING AREA, COMPLETED #9 & 10.

TOTAL TECH TOWED ARRAY BOAT USED ON CLEARED AREAS.

SURVEYORS ON SITE.

EQUIPMENT IN USE: 2 DUMP TRUCKS, WATER TRUCK, ONE LOADER, BULLDOZER BOTH EXCAVATORS.

Signed: [signature] Date: 10/20/10

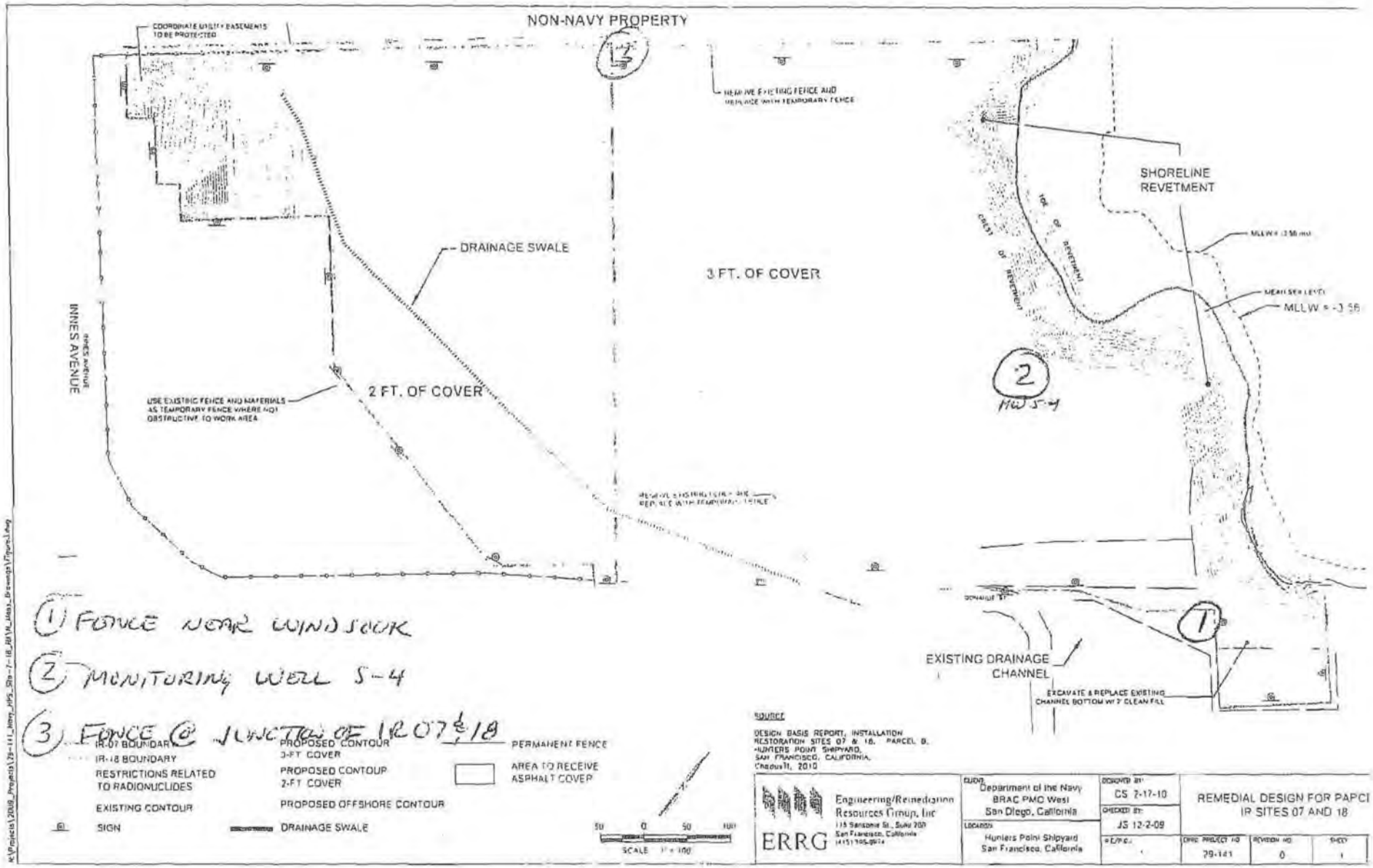
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 10/19/10

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC ~~PID~~	Instrument TWA ~~DataRAM~~	Comments
#3	10/20/10	0714	0.024	0.024	10973
#2		0801	0.121	0.089	10972
#1		0805	0.037	0.024	10971
#1		1007	0.035	0.027	10971
#2		1010	0.081	0.081	10972
#1		1232	0.023	0.027	10971
#2		1236	0.087	0.084	10972
#3 LOCKED UP/RESET					
READING HIGH (0.222) SHUT DOWN					
#2		1432	0.104	0.086	10972
#1		1445	0.043	0.041	10971


NON-NAVY PROPERTY
COORDINATE UTILITY EASEMENTS TO BE PROTECTED
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
INNES AVENUE
USE EXISTING FENCE AND MATERIALS AS TEMPORARY FENCE WHERE NOT OBSTRUCTIVE TO WORK AREA
SHORELINE REVETMENT
TOE OF REVETMENT
CREST OF REVETMENT
MEAN SEA LEVEL
MLLW = -3.56
2
MW S-4
1
EXISTING DRAINAGE CHANNEL
EXCAVATE & REPLACE EXISTING CHANNEL BOTTOM W/ 2' CLEAN FILL
1 FENCE NEAR WINDSOCK
2 MONITORING WELL S-4
3 FENCE @ JUNCTION OF IR07 & 18
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, Chadwell, 2010
ERRG
Engineering/Remediation Resources Group, Inc
Department of the Navy BRAC PMO West San Diego, California
Hunters Point Shipyard San Francisco, California
CS 7-17-10
JS 12-2-09
REMEDIAL DESIGN FOR PAPCI IR SITES 07 AND 18
79-141
0

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 20, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. Radiological air monitors were deployed prior to performing any invasive or dust generating activities at both upwind and downwind locations. RCA postings were routinely checked.
- ERRG completed the remediation of Screening Pads 7 – 10. Remediation of the 12 Screening Pads is complete at this time.
- ERRG completed the relocation of Screening Pads 9 and 10. Relocation of the 12 Screening Pads is complete at this time.
- Systematic samples were collected from Survey Units (SUs) 4, 9, 12, and 16.
- Biased samples were collected from SUs 2 and 3.
- Completed towed array gamma scans in SUs 12, 16, and 37.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 20/OCT/10

REPORT NO 087

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Started and finished removal of rad pad survey unit 9, started removal of rad pad survey unit 10, finished remediation of survey units 7, 8, 9, and 10,
	TtEC performing towed array radiological scans of IR-07, TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/20/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 10/20/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/20/2010

Photo 1: Radioactive Screening and Remediation – Removal of rad pad survey unit 10.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 20, 2010

Photo 2: Radioactive Screening and Remediation – Removal of rad pad survey unit 10.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: October 20, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	088
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, warm
PM WEATHER	Overcast, warm
MAX TEMP (F)	70
MIN TEMP (F)	62

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on removal of survey unit 10 of the rad pad, backfilling	ERRG	1	Superintendent	8
	remediation area on IR-18, deconning equipment, winterizating rad pad piles	ERRG	0	Construction Manager	0
	with gorilla snot, surveyors onsite setting systematic and bias sample locations,	ERRG	1	Project Manager	8
	TtEC continuing sampling of IR-07, TtEC continuing towed array scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	0	Truck Drivers	0
		ERRG	1	Laborer	8
		Tetra Tech	3	Rad Techs	24
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	104
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12074.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12178.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	0
	Harris Blade	Cat 950 Loader - 1ea	4
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	4
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/21/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	088 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, warm
PM WEATHER	Overcast, warm
MAX TEMP (F)	70
MIN TEMP (F)	62

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	8
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/21/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/21/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION STAGING AREA, TETRA TECH DECON AREA

TYPE OF WORK DECON. EQUIPMENT, GORILLA SNOT

SAFETY TOPICS PRESENTED

SAFETY TOPICS FOOTING, EQUIPMENT MOVEMT.

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS EQUIPMENT,

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JASON WALTHER	NWT	[signature]
RUSSELL JACKSON	HARRIS/ERRG	[signature]
Adam Berry	Terra	[signature]
Ken Mark	ERRG	[signature]
William Schmidt	ERRG	[signature]
Scott Worthy	HARRIS/ERRG	[signature]
J. Cunningham	NWT	[signature]
Lisa Broussard	NWT	[signature]
Juan Lorato	ESPINOSA	[signature]
JR RUIZ	ESPINOSA.	[signature]
JOHN SOURIAL	ERRG	[signature]
Liz Binning	ERRG	[signature]

Health & Safety Officer DICK EMP

SIGNATURE [signature]

SUPERINTENDENT JAMES NORES

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by: Richard Epp
Client: Dept of the Navy
Day: THURSDAY
Date: 10/21/10
Project Name: HPS Remediation Sites 7-18 Parcel B, Hotspots
Project No.: 29-141
Weather: CLEAR
Page: 1 of 1
Site Visitors: See Tailgate Sign In Log.
Description of Field Activities:

0630 SAFETY TAILGATE – MOVING EQUIPMENT IN CONFINED AREA, FOOTING

SPRAYING ALL SPOIL PILES WITH GORILLA SNOT.

DECONTAMINATING EQUIPMENT – LONG REACH EXCAVATOR, EXCAVATOR, 2 DUMP TRUCKS, BULLDOZER, AND LOADER

FILLED HOLE IN IR-18.

DATARAMS NOT DEPLOYED, NO ACTIVITY IN RCA, EXCEPT SHORT DURATION ITEM ABOVE.

Signed: [signature]
Date: 10/21/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 21, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Systematic samples were collected from Survey Units (SUs) 10, 11, 13, 14, and 15.
- Completed towed array gamma scans in SUs 9, 10, and 11.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 21/OCT/10

REPORT NO 088

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Finished removal of rad pad survey unit 10, backfilled remediation area in cut along northwest property boundary in IR-18 with TtEC soil (same
	soil that was used to build up the top of the revetment), applied gorilla-snot to rad pad piles 7 - 10 in laydown area, started decontamination of
	equipment in preparation of rad exit survey, TtEC performing towed array radiological scans of IR-07, TtEC taking systematic and biased
	samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/21/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 10/21/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/21/2010

Photo 1: Radioactive Screening and Remediation – Applying gorilla-snot to rad pad stockpiles in laydown area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 21, 2010

Photo 2: Radioactive Screening and Remediation – Decontamination of equipment in preparation for RCA exit survey.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 21, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	089
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, warm, light rain
PM WEATHER	Overcast, warm
MAX TEMP (F)	65
MIN TEMP (F)	60

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on spreading background rad pad material in the laydown area,	ERRG	1	Superintendent	8
	deconning equipment, TtEC continuing sampling of IR-07, TtEC continuing	ERRG	0	Construction Manager	0
	towed array scan of IR-07.	ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	0	Truck Drivers	0
		ERRG	1	Laborer	8
		Tetra Tech	3	Rad Techs	24
		Espinoza	0	Surveyors	0

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	88
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12178.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12266.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water

■ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	0
	Harris Blade	Cat 950 Loader - 1ea	8
	United Rentals	25 KW Generators - 2ea	24
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	24
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	8
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/22/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	089 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, warm, light rain
PM WEATHER	Overcast, warm
MAX TEMP (F)	65
MIN TEMP (F)	60

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	0
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/22/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/22/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION STAGING AREA, DECON. AREA

TYPE OF WORK DECON, EQUIPMENT, [redacted]. SCANNING PAD IN STAGING AREA.

SAFETY TOPICS PRESENTED

SAFETY TOPICS FALL PROTECTION, WET SURFACES

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS FALLS, EQUIPMENT, ST+F

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
RUSSELL JACKSON	HARRIS/ERRG	[signature]
J. Cunningham	NWT	[signature]
JASON WALTHER	NWT	[signature]
[illegible]	[illegible]	[signature]
SCOTT WORTHINGTON	Harris/ERRG	[signature]
Ken Mark	ERRG	[signature]
LISA BROUSSARD	NWT	[signature]
JOHN SOURIAL	ERRG	[signature]
Liz Binning	ERRG	[signature]
William Schmidt	ERRG	[signature]

Health & Safety Officer DICK EPP

SIGNATURE [signature]

SUPERINTENDENT JAMES NORES

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	FRIDAY	Date:	10/22/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	OVERCAST	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – LADDER SAFETY, STEF, SLIPPERY SURFACES

SPREADING BACKGROUND MATERIAL PAD TO CHECK FOR RADIATION LEVELS.

DECONNING EQUIPMENT @ TETRA TECH PAD.

Signed: [signature] Date: 10/22/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 950 H wheel loader **Identification Number:** 950 H PX65536

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	10/18/10			10/19/10			10/20/10			10/21/10			10/22/10			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: D6N LGP **Identification Number:** _____

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	RJ 10-18-10			NW 10/19/10			RJ 10/20/10			RJ 10/21/10			RJ 10/22/10			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Tracks	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Steps and handgrips	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Guards on moving parts?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Engine belts and hoses	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Fluid levels acceptable?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	RJ ☐	☐	
Loading/lifting capacity marked?	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Seat belt operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Fire extinguisher present?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Windows and mirrors unbroken?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Gauges operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Battery charged?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Windshield wipers operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Horn operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Back up alarm operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Lights and signals operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Steering and other controls	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Brakes	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 325D LONG REACH **Identification Number:** AJ6C47

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	RJ 10/18/10			RJ 10/19/10			RJ 10/20/10			RJ 10/21/10			RJ 10/22/10			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	
Tracks	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Steps and handgrips	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Guards on moving parts?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Engine belts and hoses	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Fluid levels acceptable?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Loading/lifting capacity marked?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Seat belt operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Fire extinguisher present?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Windows and mirrors unbroken?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Gauges operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Battery charged?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Windshield wipers operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Horn operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Back up alarm operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Lights and signals operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Steering and other controls	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Brakes	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: HB Dump Truck **Identification Number:** M15367

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	RS Mon 10/18			RS Tues 10/19			N Wed 10/20			RS Thurs 10/21			RS Fri 10/22/10			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?	✓			✓			✓			✓			✓			
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?	✓			✓			✓			✓			✓			
Gauges operative?	✓			✓			✓			✓			✓			Fuel gauge Not working Some times
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?	✓			✓			✓			✓			✓			
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?	✓			✓			✓			✓			✓			
Lights and signals operative?		✓			✓		✓				✓			✓		R Rear + Brake out
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: WATER TRUCK CHARRIS **Identification Number:** CRS10-163

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	9-27-10 PH			9-28-10												
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☒	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: HOSE REEL HANDLE SLIGHTLY BENT

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 22, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Systematic samples were collected from Survey Units (SUs) 8, 21, 36, and 37. At this time, all of the systematic samples for the 36 SUs have been collected.
- No towed array gamma scans were able to be performed today due to inclement weather.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 22/OCT/10

REPORT NO 089

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Spread out background rad material in laydown area in preparation for CDPH scan of IR-07 and -18, continued decontamination of equipment
	in preparation of rad exit survey, TtEC performing towed array radiological scans of IR-07, TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/22/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/22/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/22/2010

Photo 1: Radioactive Screening and Remediation – Spreading out the background soil material in the laydown area for scanning and comparison to IR-18 and IR-07.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 22, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	25/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	090
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, cool
PM WEATHER	Partly cloudy, warm
MAX TEMP (F)	67
MIN TEMP (F)	59

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on deconning equipment, filling in low spots in front of CDPH	ERRG	1	Superintendent	8
	connex box to prevent CDPH from having to park their equipment in a ponded	ERRG	0	Construction Manager	0
	stormwater, TtEC continuing sampling of IR-07, TtEC continuing towed array	ERRG	1	Project Manager	8
	scan of IR-07.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	0	Truck Drivers	0
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	0	Surveyors	0

JOB SAFETY

	YES	NO
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■	☐
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐	■
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐	■
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐	■

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	80
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12266.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12346.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	0
	Harris Blade	Cat 950 Loader - 1ea	2
	United Rentals	25 KW Generators - 2ea	0
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	0
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/25/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	25/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	090 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, cool
PM WEATHER	Partly cloudy, warm
MAX TEMP (F)	67
MIN TEMP (F)	59

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	0
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/25/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/25/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION DECON. EQUIPMENT @ TETRA TECH PAD

TYPE OF WORK

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, WET SLIPPERY

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS MUD, WET

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Scott Warthen	Harris/ERRG	
Russell Jacobson	Harris/ERRG	
J. Cunningham	NVT	
Lisa Broussard	NVT	
William Schmidt	ERRG	
JASON WALTHER	NVT	
LIZ BINNING	ERRG	
JOHN SOURIAL	ERRG	
Thomas Moore	CDPH-RAU	Thomas Moore
JEFF WONG	CDPH-RAU	
Jim Whitcomb	NAVY BRAC	
Victoria Brandt	CDPH-RAU	Victoria L Brandt
Marshall Wen	CDPH-RAU	
MATT Slack	RAGO	

Health & Safety Officer DICK EPP

SIGNATURE

SUPERINTENDENT JAMES NOVICS

SIGNATURE

DAILY FIELD ACTIVITY LOG

RG

Prepared by: Richard Epp
Client: Dept of the Navy
Day: MONDAY
Date: 10/25/10
Project Name: HPS Remediation Sites 7-18 Parcel B, Hotspots
Project No.: 29-141
Weather:
Page: 1 of 1
Site Visitors: See Tailgate Sign In Log.
Description of Field Activities:

0630 SAFETY TAILGATE - MUD, WET, LADDER SAFETY.

DECONNING EQUIPMENT AT TETRA TECH PAD

SPREAD GRAVEL W/ WATER AT STATE CONEX BOX TO MAKE RAMP.

STARE SCANNING IR-18 WITH TOWED ARRAY

Signed: [signature]
Date: 10/25/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 25, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Characterization samples were collected from Survey Units (SUs) 31, 32, and 33. One biased sample was also collected from SU 32.
- No towed array gamma scans were able to be performed today due to inclement weather.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 25/OCT/10

REPORT NO 090

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Continued decontamination of equipment in preparation of rad exit survey, backfilled in stormwater pond in front of CDPH's connex box, TtEC
	performing towed array radiological scans of IR-07, TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
04	CDPH onsite performing final survey of IR-18.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/25/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/25/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/25/2010

Photo 1: Radioactive Screening and Remediation – Filling in low spot in front of CDPH connex box to prevent CDPH scanning unit from getting stuck in the mud.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 25, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	26/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	091
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Partly cloudy, cool
PM WEATHER	Partly cloudy, warm
MAX TEMP (F)	68
MIN TEMP (F)	56

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on deconning equipment, TtEC continuing sampling of IR-07,	ERRG	1	Superintendent	8
	TtEC continuing towed array scan of IR-07.	ERRG	0	Construction Manager	0
		ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	0	Truck Drivers	0
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	0	Surveyors	0

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	80
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12346.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12426.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	0
	Harris Blade	Cat 950 Loader - 1ea	0
	United Rentals	25 KW Generators - 2ea	0
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	0
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/26/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	26/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	091 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Partly cloudy, cool
PM WEATHER	Partly cloudy, warm
MAX TEMP (F)	68
MIN TEMP (F)	56

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	0
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/26/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/26/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION HPS

TYPE OF WORK DECON. EQUIPMENT -

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, WATER

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS WATER & MUD

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
RUSSELL JACKSON	HARRIS/ERRG	[signature]
Adam Benn	TTEC	[signature]
William Schmidt	ERRG	[signature]
JOE CUNNINGHAM	NWT	[signature]
JASON WALTHER	NWT	[signature]
Scott Northington	Harris/ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
LIL Binning	ERRG	[signature]

Health & Safety Officer DICK ERP

SIGNATURE [signature]

SUPERINTENDENT JAMES NORES

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	10/26/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE — MUD, WET, STAF

DECON EQUIPMENT.

REPAIRING EQUIPMENT.

STATE & TETRA TECH TOWING SCANNING ARRAYS ON SITE.

Signed: [signature] Date: 10/26/10

ENGINEERING/REMEDIATION RESOURCES GROUP, INC.			
Document:	HOT WORK PERMIT		
Revision #:	1.0	Document #:	EHS-003
Revision Date:		Page:	Page 1 of 1

INFORMATION			
Date and Time: 10/26/10 1100	Job #:	Job Location:	HPS
Job will be performed in an Approved / Designated Welding / Cutting Area?		☒ Yes	☐ No
If No, Job Site Location / Space ID No.:			
Job Supervisor: JIM WORLIS	Requested By: RICHARD EPP		

TASK INFORMATION				
Type of Hot Work:	☒ Grinding	☒ Torching	☒ Welding	☐ Heating
Work to be Done: REPAIRS TO ERRG EXCAVATOR BE7X87				
Name of Employee / Company performing Hot Work: GRANT FUJIMOTO, HARRIS BLADE				
Start Date and Time:	10/26/10 1100	Date and Time Permit Expires:	10/26/10 1700	
Other Procedures Needed:	☐ Lockout / Tag Out	☐ Confined Space	☐ Line Break / Opening Equipment	
	☐ Other:			

SAFETY							
In Case of Emergency Call:	☒ 911	☐ In House / Other Number					
Fire / Rescue Equipment:	☐ Harness and Lifeline	☐ Hoisting Equipment	☐ SCBA				
☐ Fire Extinguisher:	☐ A	☐ B	☐ C	☐ D	☐ A-B	☒ A-B-C	☐ B-C
☐ Water Line / Hose	☐ Portable Extinguisher	☐ AFFF	☐ DRY	☐ CHEM	☐ FOAM		
Other:							
Communication:	☐ Radio	☒ Hand Signals	☐ Oath Tug Method	☐ Light Signals			
Fire Watch Posted?	☐ No	☒ Yes	Name of Fire Watch: R. EPP, S. WRATHGAW				
Is it possible to do this in the approved Welding / Cutting Work Area?		☐ Yes	☐ No				

DO NOT CUT, WELD OR USE OTHER OPEN FLAME OR SPARK PRODUCING EQUIPMENT UNTIL THE FOLLOWING PRECAUTIONS HAVE BEEN CHECKED.

Yes	No		
☑	☐	1.	Flame- or spark-producing equipment to be used has been inspected and found in good working condition.
☐	☑	2.	Sprinklers, where provided, are in commission and will not be taken out of service while this work is being done.
☐	☑	3.	No combustible or flammable fibers, dust, vapors, gases, or liquids are in the area. Tanks and equipment previously containing such materials have been purged. The absence of gases or vapors has been verified by a combustible gas detection instrument. If a leak could develop in nearby piping, equipment, or tanks, this area is continuously monitored.
☑	☐	4.	The work will be confined to the area or equipment specified on this permit.
☐	☑	5.	Surrounding floors have been swept clean and if combustible, wet down.
☑	☐	6.	Ample portable extinguishing equipment such as hand hose or extinguishing equipment has been provided.
☑	☐	7.	All combustibles have been relocated 35 feet from the operation and the remainder protected with metal guards or fire-proofed curtains or covers (not ordinary tarpaulins).
☐	☑	8.	All floor and wall openings within 35 feet of the operations have been covered (fireproof tarpaulins are suspended beneath work to collect sparks and protect others).
☑	☐	9.	Responsible personnel have been assigned to watch for dangerous sparks in the work area, as well as floors above and below.
☑	☐	10.	Arrangements have been made for a patrol of the area, including floors above and below, during lunch or rest periods, and for at least 0.5 hour after the work has been completed.

Hot Work Employee Approval Signature: [signature]

Fire Watch Approval Signature: Richard J. Epp / [signature]

Supervisor Approval Signature:

Safety Manager Approval Signature: Richard J. Epp

Date and Time Expired: 10/26/10 @ 1310 Signature: [signature]

Job Completed: ☒ YES ☐ NO Incident? ☐ YES ☒ NO

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 26, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Characterization samples were collected from Survey Unit (SU) 4.
- Towed array gamma surveys were performed in SU-11 and SU-18, and in portions of SU-4 and SU-37 to address data gaps.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 26/OCT/10

REPORT NO 091

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Continued decontamination of equipment in preparation of rad exit survey, TtEC performing towed array radiological scans of IR-07,
	TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
04	CDPH onsite performing final survey of IR-18.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/26/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/26/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**				
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/26/2010

Photo 1: Radioactive Screening and Remediation – CDPH onsite performing radiological scan of IR-18.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 26, 2010

Photo 2: Radioactive Screening and Remediation – TtEC continuing towed array radiological scan of IR-07.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 26, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	092
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Partly cloudy, cool
PM WEATHER	Overcast, cool
MAX TEMP (F)	64
MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Crew working on deconning equipment, removed channel crossing near	ERRG	1	Superintendent	8
	building 134, TtEC continuing sampling of IR-07, TtEC continuing towed array	ERRG	0	Construction Manager	0
	scan of IR-07. CDPH onsite to perform final survey of IR-07 & -18.	ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	0	QC Staff	0
		ERRG	2	Equipment Operators	16
		ERRG	0	Truck Drivers	0
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	0	Surveyors	0

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	72
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12426.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12498.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water

■ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	4
	ERRG	JD 200CLC Excavator - 1ea	4
	Harris Blade	Cat 950 Loader - 1ea	0
	United Rentals	25 KW Generators - 2ea	0
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	0
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	Harris Blade	Cat 325 Long Reach Excavator - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/27/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/OCT/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	092 cont.	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Partly cloudy, cool	
PM WEATHER	Overcast, cool	
MAX TEMP (F)	64	
MIN TEMP (F)	54	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	ERRG	JD310 Backhoe - 1ea	0
	Harris Blade	Cat 735 Articulated Dump Trucks - 2ea	0
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/27/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/27/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION HPS

TYPE OF WORK DECON EQUIPMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS WET, MUD

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS MUD, EQUIPMENT, STEP

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
RUSSELL JACKSON	HARRIS/ERRG	[signature]
Scott Worthington	Harris/ERRG	[signature]
[illegible]	TERC	[signature]
JASON WALTHER	NWT	[signature]
J. Cunningham	NWT	[signature]
LIZ BINNING	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
Victoria Brandt	CDPH	Victoria Brandt
Marshall Wen	CDPH	[signature]
Thomas Moore	CDPH	Thomas Moore

Health & Safety Officer DICK BYM **SUPERINTENDENT** James Alvarez

SIGNATURE [signature] **SIGNATURE** [signature]

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	10/27/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLOUDY	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE - ST+F, WET SURFACES MUD

DECONNED REMAINDER OF EQUIPMENT.

TETRA TECH & STATE DOING TOWED ARRAY SCANNING ON IR-07 & 18 RESPECTIVELY.

GRAVEL HAULED IN & DUMPED IN PARKING AREA BY OTHERS FOR WEEKEND ART SHOW.

REMOVED TEMPORARY CROSSING OF CHANNEL ON NORTH SIDE OF BLDG. 134.

Signed: [signature] Date: 10/27/10

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 27, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Characterization samples were collected from Survey Unit (SU) 8.
- Towed array gamma surveys were performed in SU-10 and SU-36, and 90% complete in SU-21.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 27/OCT/10

REPORT NO 092

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Removed additional channel crossing near Building 134 that was originally installed to haul filter rock from the dry dock to IR-07.
	Verified that activities performed conformed to the shoreline excavation and revetment checklist.
04	Continued decontamination of equipment in preparation of rad exit survey, TtEC performing towed array radiological scans of IR-07,
	TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
04	CDPH onsite performing final survey of IR-18.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/27/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Shoreline Excavation and Revetment

Date: 10/27/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			Geotextile checked upon delivery on 6/25/10, 8/10/10, 9/7/10, and 9/15/10.
Is the crushed stone pad for stockpiling filter stone and riprap a minimum thickness of at least 6 inches?	**Initial**	**X**			Placed 6" bedding material along top of shoreline starting on 7/8/2010.
Is the stockpile a maximum of 12 feet high and formed by a series of layers of truckload dumps, where the rock essentially remains where it is placed?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Is the first layer of the stockpile a maximum of 6 feet high?	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			Filter rock stockpile in offloading area and riprap stockpiling area meets these requirements.
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Have surface irregularities been removed so as to ensure continuous, intimate contact of the geotextile with all the surface.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the prepared base been approved by the Contracting Officer?	**Follow up**			X	
Has the prepared base layer been protected from incoming water unless authorized by the Contracting Officer?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the securing pins been inserted through both strips of overlapped geotextile along the line passing through midpoints of the overlap..	**Follow up**			X	
Have the securing pins been removed as placement of revetment materials are placed to prevent tearing of geotextile or enlarging holes?	**Follow up**			X	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			Damaged geotextile at the top of HG1L was repaired during construction of HG1U on 9/9/10.
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been prevented from tracking across the unprotected geotextile with the exception of equipment with low ground pressure?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	X			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Is the temporary storage area for the riprap and filter stone no closer than 60 linear feet from the closest edge of the shoreline's upper top slope and the amount does not exceed 200 tons unless otherwise approved?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	X			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	X			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	X			Riprap stockpiled on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10, 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets this requirement

Requirement	Phase	Yes	No	N/A	Comments
Does the riprap along the lower edge of an area consist of the largest stones set in a trench so as to form a band?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Except for spalls used to fill voids between larger stone, have stone been used in the exposed face of the riprap which will extend more than one-half the thickness of the riprap?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the riprap been placed in one layer?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			The following sections meet this requirement: HG1L, HG2L, HG3L, HG4L, GF1L, GF2L, GF3L, GF4L, FE1L, FE2L, FE3L, ED1L, ED2L, DC1L, DC2L, CB1L, OJ1L, JI1L, JI2L, IH1L, IH2L, JI1U, JI2U, DC1U, DC2U, CB2L, BA1L, AO1L, AO2L, OJ1U, IH1U, IH2U, HG1U, HG2U, HG3U, HG4U, GF1U, GF2U, GF3U, GF4U, FE1U, FE2U, FE3U, ED1U, ED2U, BA1U, AO1U, AO2U
Have cross sections been taken on lines 25 feet apart, measured along the structure reference line, with readings at 5-foot intervals and at beaks along the lines?	**Follow up**	**X**			
Have the surveys been conducted in the presence of an authorized representative of the Contracting Officer, unless this requirement is waived by the Contracting Officer.	**Follow up**	**X**			
Have surveys been performed according to the specifications?	**Follow up**	**X**			
Has a 100 foot demonstration section been prepared for Contracting Officer approval prior to continuing the revetment?	**Follow up**	**X**			
Have the quantities of all materials placed within the section been accurately tabulated and provided immediately to the Contracting Officer for comparison with computed quantities?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If removal of the demonstration section is required, has it been conducted in such a manner as to maintain the integrity of the underlying subgrade?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			
QC Test report		**X**			
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified the geotextile delivered to the site on 6/25/10, 8/10/10, 9/7/10, and 9/15/10 matched the product ID identified on the filter geotextile submittal. Verified that the filter rock delivered on 6/30/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 meets the gradation and product description identified in the filter rock submittal. Verified that the riprap delivered on 7/9/10, 7/13/10, 7/15/10, 7/16/10, 7/21/10, 7/23/10, 7/26/10, 7/27/10, 7/28/10, 7/29/10, 8/2/10, 8/3/10, 8/4/10 8/13/10, 8/16/10, 8/17/10, 8/27/10, 9/10/10, 9/13/10, 9/14/10, 9/17/10 meets the gradation and product description identified in the riprap submittal.
Calibration				**X**	

QC Manager: Elizabeth Binning	Date: 10/27/2010

Photo 1: Radioactive Screening and Remediation – Deconned equipment staged in Building 281 for RCA exit survey.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 27, 2010

Photo 2: Shoreline Excavation and Revetment – Removal of temporary channel crossing near Building 134.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 27, 2010

TETRA TECH EC, INC.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 28, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Characterization samples were collected from Survey Unit (SU) 34.
- Towed array gamma surveys were performed in SU-8, SU-15, SU-21, and 50% complete in SU-14.

Issues/Items Pending Action

- None.

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 29/OCT/10
		REPORT NO: 093

CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Overcast, cool	Overcast, cool	62	57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Remediation (excavation and backfill) of hotspots found in IR-07,	ERRG	1	Superintendent	8
	TtEC continuing sampling of IR-07, TtEC continuing towed array	ERRG	0	Construction Manager	0
	scan of IR-07.	ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	0	Truck Drivers	0
		ERRG	0	Laborer	0
		Tetra Tech	3	Rad Techs	24
		Espinoza	0	Surveyors	0

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	80
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12498.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12578.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, equipment inspections, crew members required to don PDF's within 50' of the water	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	JD 200CLC Excavator - 1ea	8
	ERRG	JD310 Backhoe - 1ea	0
	United Rentals	25 KW Generators - 2ea	0
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	0
	Harris Blade	Cat LGP D-6 Bulldozer - 1ea	0
	ERRG	5 YD Dumptruck	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/29/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	29/OCT/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	093 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Overcast, cool
PM WEATHER	Overcast, cool
MAX TEMP (F)	62
MIN TEMP (F)	57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	2K Water Truck - 1ea	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

10/29/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 10/29/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07, Parcel B

TYPE OF WORK REMODIATION EXCAVATION & BACKFILL

SAFETY TOPICS PRESENTED

SAFETY TOPICS WET, SLIPPERY, RAIN, MUD

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS RAIN, MUD

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Scott Worthington	Harris/ERRG	
Russell Jackson	HARRIS/ERRG	
JASON WALTHER	NWT	
Adam Berry	TTEC	
[illegible]	NWT	
William Schmidt	ERRG	
Liz Binning	ERRG	

Health & Safety Officer DICK ORP **SUPERINTENDENT** JAMES NORCS

SIGNATURE **SIGNATURE**

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	FRIDAY	Date:	10/30/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	RAIN	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE - SLIPPERY SURFACES, MUD

REMEDIATION OF HOT SPOTS, BACKFILLING

SAMPLING.

EQUIPMENT IN USE: EXCAVATOR, LOADER, DUMP TRUCK

Signed: RPEpp Date: 10/30/10

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: October 29, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- ERRG completed remediation in Survey Units 4, 8, and 31-34.
- No towed array gamma surveys were performed due to wet soil conditions.

Issues/Items Pending Action

- None.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 29/OCT/10

REPORT NO 093

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ■

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ■ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ■ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Excavation and backfill of hotspot areas requiring remediation in IR-07 (determined from systematic and biased sampling results), TtEC performing
	towed array radiological scans of IR-07, TtEC taking systematic and biased samples of IR-07.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

10/29/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Photo 1: Radioactive Screening and Remediation – Remediation of radiological hotspots in IR-07 identified from systematic and biased sample results.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 29, 2010

Photo 2: Radioactive Screening and Remediation – Backfill of radiological hotspot locations with soil from the HPS stockpile.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: October 29, 2010

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: November 1, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Collected biased soil samples from Survey Units (SUs) 5, 6, and 7.
- Completed towed array gamma survey for SU 14.

Issues/Items Pending Action

- None.

Project/Location: Hunter's Point Shipyard

Air Sample ID #									Initial Airborne Concentration				
Sample Prefix #	Date	Sample #	Location	Description	Start Time	Stop Time	Air Sampler ID	Sample Vol. in mL	Activity in µCi/ml α	Activity in µCi/ml βγ	% DAC Alpha	% DAC Beta	Counter ID #
HPS-PAR-B-AS-	10/13/10	11629	IR07	Upwind	7:00	13:00	60082	2.55E+07	7.83E-13	1.06E-12	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/13/10	11630	IR07	Downwind	7:00	13:00	6230	2.55E+07	1.68E-12	2.47E-12	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/14/10	11638	IR07	Upwind	7:00	14:00	60082	2.97E+07	3.61E-12	4.86E-12	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/14/10	11639	IR07	Downwind	7:00	14:00	6230	2.97E+07	5.69E-12	8.38E-12	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/15/10	11647	IR07	Upwind	7:00	15:00	60082	3.40E+07	8.66E-13	1.24E-12	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/15/10	11648	IR07	Downwind	7:00	15:00	6230	3.40E+07	1.64E-12	2.46E-12	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/18/10	11656	IR07	Upwind	7:00	14:30	60082	3.19E+07	7.85E-14	1.69E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/18/10	11657	IR07	Downwind	7:00	14:30	6230	3.19E+07	1.81E-13	2.97E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/19/10	11668	IR07	Upwind	7:00	14:30	60082	3.19E+07	1.86E-13	2.85E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/19/10	11669	IR07	Downwind	7:00	14:30	6230	3.19E+07	4.61E-13	5.68E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/20/10	11676	IR07	Upwind	7:00	14:30	60082	3.19E+07	1.68E-13	2.69E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/20/10	11677	IR07	Downwind	7:00	14:30	6230	3.19E+07	1.43E-13	2.06E-13	<10%	<10%	Protean WPC 9550 - 0615068
HPS-PAR-B-AS-	10/29/10	11734	IR07	Grab	7:50	8:10	3433	3.40E+07	1.04E-13	1.71E-13	<10%	<10%	Protean WPC 9550 - 0615068

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: November 2, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Collected biased soil samples from Survey Units (SUs) 4, 8, 11, 15, and 21.
- Completed towed array gamma survey for SU 16.

Issues/Items Pending Action

- None.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: November 3, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Collected biased soil samples from Survey Units 9, 10, 12, 13, 18, 19, 20, 36, and 37.

Issues/Items Pending Action

- None.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: November 4, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Radiological Supervisor provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Collected biased soil samples from Survey Units (SUs) 14 and 17. Biased soil sampling complete at this time.
- Collected one systematic soil sample from the areas where remediated in SUs 4, 8, 27, 32, 33, and 34. Systematic soil sampling complete at this time.

Issues/Items Pending Action

- None.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: November 5, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Senior HP Technician provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.

Issues/Items Pending Action

- None.

DAILY STATUS REPORT
IR-07 Remedial Action

Report Date: November 8, 2010	ERRG – CTO 0004	Preparer: Shanti Montgomery

Overview

TtEC's radiological technicians supported ERRG in overseeing the radiological aspects of the remedial action at IR-07. Details of the work activities performed are provided below.

Remedial Action Activities

- The Senior HP Technician provided the daily radiological brief for the planned activities with the field crew prior to on-site activities and provided support as needed throughout the day, based on site activities.
- An RCT staffed the RCA entrance at all times when workers were performing site activities. RCA postings were routinely checked.
- Remediation complete at this time. Begin demobilizing equipment.

Issues/Items Pending Action

- None.

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	DATE: 29/NOV/10
		REPORT NO: 094
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Overcast, cool	PM WEATHER: Overcast, cool	MAX TEMP (F): 64 / MIN TEMP (F): 41

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
09	Additional excavation of hotspots B4716 and B3426. Stockpiled excavated soil	ERRG	1	Superintendent	8
	laydown area for characterization and disposal.	ERRG	0	Construction Manager	0
		ERRG	1	Project Manager	8
		ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	0	Equipment Operators	0
		ERRG	0	Truck Drivers	0
		ERRG	1	Laborer	8
		Espinoza	2	Surveyors	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 64
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 12578.5
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 12642.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
09	Tailgate safety briefing, equipment inspections.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 2ea	8
	ERRG	5 YD Dumptruck	8
	ERRG	JD310 Backhoe - 1ea	0
	United Rentals	25 KW Generators - 2ea	8
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/29/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 11/29/10 **TIME** 0800 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07+18, HOT SPOTS

TYPE OF WORK SURVEYING, EXCAVATING HOT SPOTS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, MUD

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS MUD, UNEVEN SURFACES, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JOE Cunningh	NWT	[signature]
Tanner Bennett	ERRG	[signature]
Rafael Loza	ERRG	[signature]
Juan Lovato	ESPINOSA	[signature]
SR Ruiz	ESPINOSA	[signature]
LIZ Binning	ERRG	[signature]

Health & Safety Officer DICK GAP

SIGNATURE [signature]

SUPERINTENDENT [signature]

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	11/29/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0730 SAFETY TAILGATE - MUD, STAF

EXCAVATED ADDITIONAL 5' IN 2 HOTSPOTS, ON ONE END.

SURVEYORS IN 18-07+18, BOTH HOTSPOTS.

EQUIPMENT IN USE: BACKHOE, DUMP TRUCK

Signed: RE Epp Date: 11/29/10

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 29/NOV/10

REPORT NO 094

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
09	Excavation of the additional step out areas in hotspots B3426 and B4716 (the first 5-foot step out to the northeast in both hotspot locations).

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

11/29/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Photo 1: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Excavation of first 5-foot step out on northeast side of B4716 in Parcel B.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: November 29, 2010

Photo 2: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Excavation of first 5-foot step out on northeast side of B3426 in Parcel B.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Tanner Bennett (ERRG, Inc.) Date: November 29, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/DEC/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	095
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy, cool
PM WEATHER	Cloudy, cool
MAX TEMP (F)	62
MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Begin importing select fill and placing on IR18. 26 trucks looping from the	ERRG	1	Superintendent	9
	Presidio with approved fill material.	ERRG	1	Construction Manager	0
	Surveyors on site marking IR boundary and placing monuments for fill.	ERRG	1	Project Manager	0
	1330 hrs Noticed import material had petroleum odor, stopped further import	ERRG	1	QC Manager	8
	Notified PM and scheduled trucks and a loader for removal of this material from	ERRG	1	H&S Officer	8
	site tomorrow AM.	ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	16
		ERRG	1	Truck Drivers	3
		ERRG	5	Laborer	33
		ERRG	1	Grade Checker	8
		Espinoza	2	Surveyors	8

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	101
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12642.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12743.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, equipment inspections	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
		gravel snake bags- 23ea
		Select Fill- 67 loads

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	Harris Blade	D6R Bulldozer-1ea	8
	Harris Blade	815 Compactor	8
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring Skids - 2skids	48
	TPR	8'X16' trench plates 2ea	16
	Harris Blade	Vacuum sweeper	2

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/6/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 12/6/10 **TIME** 0630 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07+18, PARCEL B

TYPE OF WORK SETTING UP JOBSITE, PLACING DIRT

SAFETY TOPICS PRESENTED

SAFETY TOPICS AHA's, ST+F, EQUIPMENT, TRUCK DELIVERIES

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS UNEVEN + OUT, MUDDY SURFACES, EQUIPMENT, TRAFFIC

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Gsar Orozco	ERRG	[signature]
Rafael Loza	ERRG	[signature]
Fernando Trujillo	ERRG	[signature]
Kenny Phillips	Harris	[signature]
Liz Binning	ERRG	[signature]
Villanueva [illegible]	ERRG	[signature]
[illegible] Thomas	ERRG	[signature]
Tanner Bennett	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
TY APPEL	ERRG	TY APPEL

Health & Safety Officer DICK OPP

SIGNATURE [signature]

SUPERINTENDENT JAMES NORES

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	12/6/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	PARTLY CLOUDY	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0630 SAFETY TAILGATE – STAF, MUD, TRAFFIC, EQUIPMENT

REVIEWED AHA'S FOR "SOIL COVER MATERIAL IMPORT & TRUCKING" AND "PLACING & COMPACTING COVER SOIL + BACKFILL".

PLACING IMPORT DIRT ON IR-18 AREA NEAR + ON THE SLOPES.

INSTALLED 2 STEEL PLATES AT CULVERT CROSSING NEAR BULDOCK #3 TO REINFORCE THE CROSSING.

WASHING + PRESSURE WASHING TIRES OF DEPARTING TRUCKS AT RUMBLE STRIP ON DONAHUE ST.

FINAL CLEANING OF STREETS AFTER LAST TRUCK

EQUIPMENT IN USE: BULLDOZER, SHEEPSFOOT ROLLER, WATER TRUCK, BACKHOE.

Signed: [signature] Date: 12/6/10

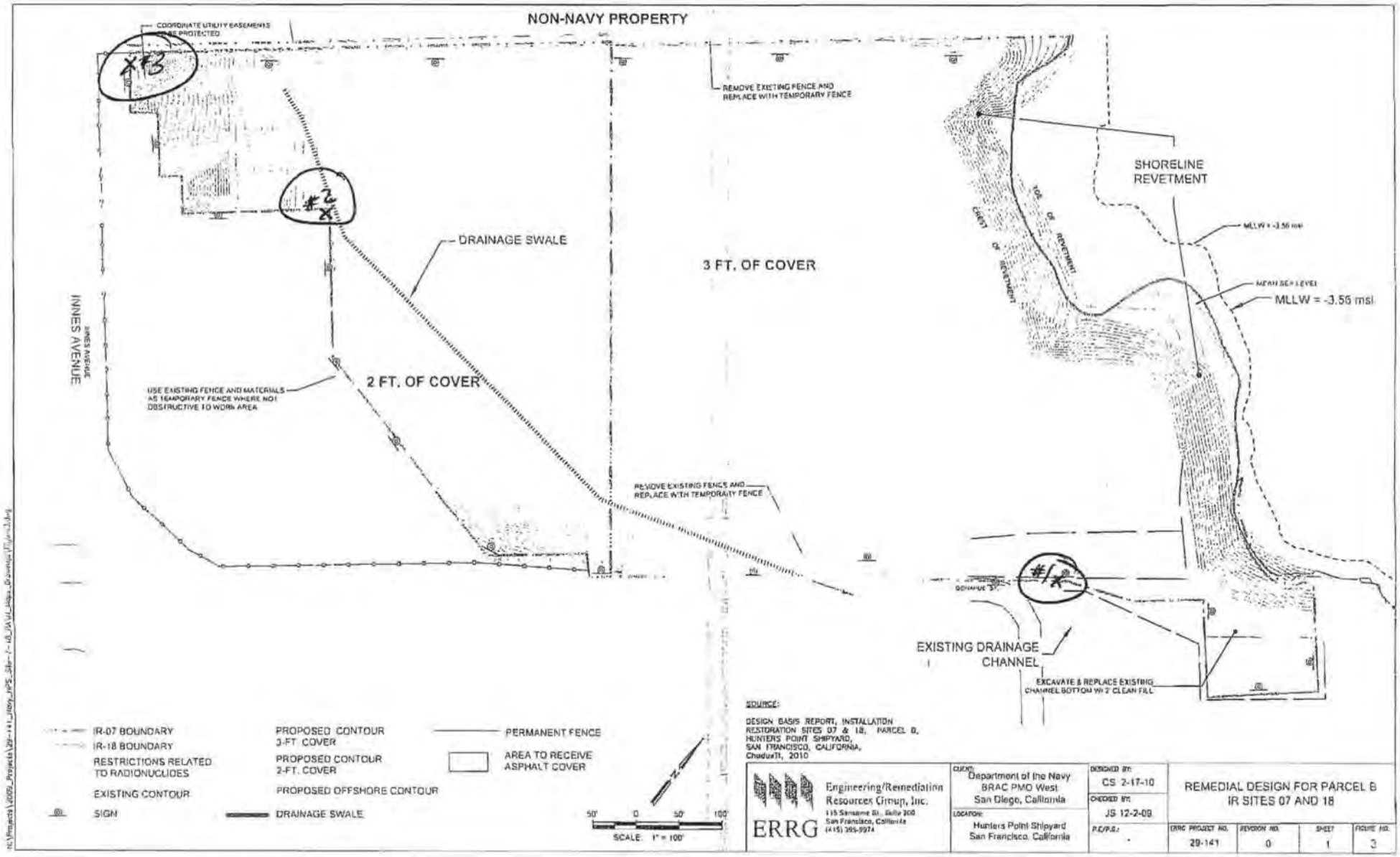
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK EPP
Project Name: Hunter's Point Parcel B IR07/18
Site Location: San Francisco, CA
Calibration (Date and Time): 12/6/10 @ 0645

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument: CONC ~~PID~~	Instrument: TWA ~~DataRAM~~	Comments
#1 @ SITE GATE	12/6/10	0824	0.012	0.013	
#2 @ FENCE SOG		0812	0.000	0.000	
#3 @ OLD SUB STA		0809	0.018	0.015	
#3		0920	—	—	DEAD TOOK TO OFFICE
#3		0930	—	—	NEW BATTERY, RUN BY OFFICE
#2		0918	0.001	0.010	
#1		0911	0.009	0.010	
#3		1048	0.002	0.002	IN PLACE
#2		1054	0.013	0.008	
#1		1100	0.011	0.014	
#1		1317	—	—	RECHARGE BATTERY
#2		1330	—	—	" "
#3		1334	0.009	0.002	
#2		1338	0.018	0.027	
#3		1418	0.009	0.003	
#2		1421	0.041	0.038	
#1		1430	—	—	BATTERY DEAD



SOURCE:

DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, Chadwell, 2010

ERRG Engineering/Remediation Resources Group, Inc. 115 Sansome St., Suite 200 San Francisco, California (415) 395-9974	CLIENT: Department of the Navy BRAC PMO West San Diego, California	DESIGNED BY: CS 2-17-10	REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18	
	LOCATION: Hunters Point Shipyard San Francisco, California	CHECKED BY: JS 12-2-09		
		P.E./P.G.: -	ERRG PROJECT NO. 29-141	REVISION NO. 0	SHEET 1	FIGURE NO. 3

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/DEC/10

REPORT NO 095

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
06	Cover Installation (Preparatory Meeting held on 11/30)	

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☒ NO ☐

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #
06	Cover Installation	

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
06	Started importing soil from Doyle Drive source using end dumps. In the late morning, trucks started coming in smelling of diesel or other
	petroleum products. Visual inspection indicated that the latter loads of soil did not meet the analytical requirements. All trucks that had not
	dumped were turned back to Doyle Drive. Soil that had already been dumped at the site will be removed starting tomorrow. Material that met the
	project specifications was spread out to dry as material came in with moisture contents in excess of optimum. Verified that activities
	performed conformed to the cover installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description
06	Import soil does not meet the chemical requirements

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
06	Notified the ROICC of the discrepancy in the import material.

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

12/06/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

PREPARATORY PHASE CHECKLIST

(CONTINUED ON SECOND PAGE)

SPEC SECTION	DATE
02 66 00, 31 00 00, 31 05 22, 33 24 13	30/NOV/10

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	Cover Installation	06	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED 48 HOURS IN ADVANCE: YES ☒ NO ☐

NAME	POSITION	COMPANY/GOVERNMENT
Elizabeth Binning	Quality Control Manager	ERRG
John Sourial (by phone)	Project Manager	ERRG
Richard Epp	SSHO	ERRG
Shirley Ng	ROICC	Navy, ROICC SF Bay
Mel Asuncion (by phone)	Caretaker Site Office (CSO) - Assistant Field Lead	Navy, HPS

SUBMITTALS

REVIEW SUBMITTALS AND/OR SUBMITTAL REGISTER. HAVE ALL SUBMITTALS BEEN APPROVED? YES ☐ NO ☒

IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? All items have been submitted. The following submittals still need approval: Preconstruction Submittal: Materials Handling Plan and Product Data: Bentonite.

ARE ALL MATERIALS ON HAND? YES ☐ NO ☒

IF NO, WHAT ITEMS ARE MISSING? Cover soil from the Doyle Drive backfill source is scheduled to start arriving 12/6/10 and cover soil from the Decker Island backfill source is scheduled to start arriving on 12/13/10. Demarcation tape is scheduled to be arrive onsite within the next 2 weeks.

CHECK APPROVED SUBMITTALS AGAINST DELIVERED MATERIAL. (THIS SHOULD BE DONE AS MATERIAL ARRIVES.)

COMMENTS: Demarcation geotextile rolls were checked against submittal and PO to ensure that correct product was delivered.

MATERIAL STORAGE

ARE MATERIALS STORED PROPERLY? YES ☒ NO ☐

IF NO, WHAT ACTION IS TAKEN?

SPECIFICATIONS

REVIEW EACH PARAGRAPH OF SPECIFICATIONS. See checklist attached to preparatory meeting agenda for list of field requirements associated with this DFOW.

DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. Soil will be imported by truck and by barge. Trucks hauling soil from offsite will have their tires washed prior to exiting the site. Soil will be placed in 6" compacted lifts with the exception of the soil placed directly above the geotextile. Offloading of the barge and traffic from the dry dock to the site will be coordinated with other contractors working in the area.

CLARIFY ANY DIFFERENCES.

PRELIMINARY WORK & PERMITS

ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE.

IF NOT, WHAT ACTION IS TAKEN? All preliminary work has been completed.

TESTING	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM. Nuclear density gauge tests will be performed at a frequency of 1 per 10,000 square feet of cover soil placed. Sand cone tests will be performed at a frequency of 1 per every 15 nuclear density gauge tests. Soil will be collected for sieve analysis and Atterburg limits at a frequency of 1 per 2,000 CY of soil placed. Modified Proctor tests will be performed at a frequency of 1 per 5,200 CY of soil placed. Tests will be taken and samples collected by ERRG personnel. WHEN REQUIRED? At the frequencies listed above. WHERE REQUIRED? Soil will be tested and sampled per lift at the frequencies listed above. REVIEW TESTING PLAN. HAS TEST FACILITIES BEEN APPROVED? Yes.
SAFETY	ACTIVITY HAZARD ANALYSIS APPROVED? YES ☒ NO ☐ REVIEW APPLICABLE PORTION OF EM 385-1-1. See AHAs attached to preparatory meeting agenda for a list of hazards associated with this DFOW.
MEETING COMMENTS	NAVY/ROICC COMMENTS DURING MEETING. - Discussed achieving methodology for achieving compaction.
OTHER ITEMS OR REMARKS	OTHER ITEMS OR REMARKS:

Elizabeth Binning — QC MANAGER

11/30/2010 — DATE

INITIAL PHASE CHECKLIST

SPEC SECTION	DATE
02 66 00, 31 00 00, 31 05 22, 33 24 13	06/DEC/10

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	Cover Installation	06	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED 24 HOURS IN ADVANCE: YES ☒ NO ☐

NAME	POSITION	COMPANY/GOVERNMENT
Elizabeth Binning	Quality Control Manager	ERRG
James Nores	Superintendent	ERRG
Richard Epp	SSHO	ERRG
Tyson Appel	Construction Manager	ERRG
Kenny Phillips	Operator	ERRG/Harris Blade
Jack Thomas	Operator	ERRG
Vilamu Lelei	Laborer	ERRG
Fernando Trujillo	Laborer	ERRG

PROCEDURE COMPLIANCE

IDENTIFIY FULL COMPLIANCE WITH PROCEDURES IDENTIFIED AT PREPARATORY. COORDINATE PLANS, SPECIFICATIONS, AND SUBMITTALS.

COMMENTS: Procedures are in compliance. All submittals have been submitted to the ROICC and been approved.

PRELIMINARY WORK

ENSURE PRELIMINARY WORK IS COMPLETE AND CORRECT. IF NOT, WHAT ACTION IS TAKEN?

All preliminary work has been completed.

WORKMANSHIP

ESTABLISH LEVEL OF WORKMANSHIP.

WHERE IS WORK LOCATED? IR-07, IR-18, and the dry dock in Parcel B, HPS, SF

IS SAMPLE PANEL REQUIRED? YES ☐ NO ☒

WILL THE INIITAL WORK BE CONSIDERED AS A SAMPLE? YES ☐ NO ☒

(IF YES, MAINTAIN IN PRESENT CONDITION AS LONG AS POSSIBLE AND DESCRIBE LOCATION OF SAMPLE)

RESOLUTION

RESOLVE ANY DIFFERENCES.

COMMENTS: No differences were identified.

CHECK SAFETY

REVIEW JOB CONDITIONS USING EM 385-1-1 AND JOB HAZARD ANALYSIS

COMMENTS: EM 385-1-1 & site specific AHAs reviewed by SSHO.

OTHER

OTHER ITEMS OR REMARKS

Other personnel present at meeting: Rafael Loza (Laborer, ERRG), Oscar Orozco (Laborer, ERRG), David Hasal (Laborer, ERRG), Tanner Bennett (QC Staff, ERRG),

Elizabeth Binning — QC MANAGER

12/6/2010 — DATE

Cover Installation

Date: 12/6/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for demarcation geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the Borrow Source Assessment Report been approved at least 15 days prior to select fill placement?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				To be performed prior to geotextile installation.
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**	**X**			
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer?	**Initial**	**X**			
Have all well extension materials been deliver materials in an undamaged condition	**Initial**				
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings?	**Follow up**				
Have the soil cover been constructed with the lift thicknesses described in the specifications?	**Follow up**				
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts?	**Follow up**				
Has compaction been a minimum of 2 passes over all areas?	**Follow up**				
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed?	**Follow up**				
Have compaction test results shall be compared with the results obtained during the borrow source assessment for consistency?	**Follow up**				
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed?	**Follow up**				
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests?	**Follow up**				
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed?	**Follow up**				
Are retests located within 10 feet of the previous test location	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				
Has soil been prevented from being dropped directly onto geosynthetics from a height greater than 3 feet.	**Follow up**				
Has select fill been pushed out over geosynthetics in an upward tumbling motion so that wrinkles in geosynthetics do not fold over?	**Follow up**				
Has select fill be placed from the bottom of the slope upward over geosythetics?	**Follow up**				
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				
Have the securing pins been inserted at the frequency shown in the specifications?	**Follow up**				
Have the strips been placed to provide a minimum overlap width as shown on the design drawings for each joint of the demarcation geotextile?	**Follow up**				
Has the geotextile been protected from damage prior to and during soil placement?	**Follow up**				
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				
Has the demarcation tape been installed in the grid pattern at the frequency shown on the design drawings?	**Follow up**				
Have all surplus materials or other non-suitable material, including brush, refuse, stumps, roots, and timber been disposed of in an appropriate off-site disposal facility?	**Follow up**				
Has all organic debris hauled off base been recycled at a local composting facility?	**Follow up**				
Has the generation of waste, inorganic trash, or debris been minimized whenever possible?	**Follow up**				
Have environmental controls been maintained throughout construction, even during gaps in work?	**Follow up**				
Has the collection and disposal methods of surface water encountered during construction been provided?	**Follow up**				
Have storm drainage features been established for rain events during construction?	**Follow up**				
Has the site been graded to surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils?	**Follow up**				
Have erosion rills or other damage that occurs been documented (including location and volume of soil affected, corrective action taken, and results of retests), repaired, and grades re-established?	**Follow up**				
Has a field geologist inspected all material and equipment to be used in well extension for conformance with the specifications?	**Follow up**				
Have all well materials been stored and maintained in a clean, uncontaminated condition throughout the course of the project?	**Follow up**				
Have all monitoring wells been extended as shown on the design drawings?	**Follow up**				
Have all monitoring probes been extended as shown on the design drawings?	**Follow up**				
Has care been taken during construction to prevent contamination of the interior of the extended wells and probes from any solvents or other chemicals being used?	**Follow up**				
Receivables					
Material properties sheet		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			
Calibration					

QC Manager: Elizabeth Binning	Date: 12/6/2010

Photo 1: Cover Installation – Import of soil from the Doyle Drive backfill source via end dump trucks.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 6, 2010

Photo 2: Cover Installation – Import of soil from the Doyle Drive backfill sourse via end dump trucks.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 6, 2010

Photo 3: Cover Installation – Spreading out soil that arrived above optimum moisture content to dry.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: December 6, 2010

Photo 4: Cover Installation – Washing end dump truck tires prior to leaving the site and driving on city streets.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 6, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/DEC/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	096
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy, cool
PM WEATHER	Cloudy, cool
MAX TEMP (F)	62
MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	IR-18, push up all suspect material and begin load out for return back to	ERRG	1	Superintendent	8
	Presidio. Five trucks looping from S&S Trucking. Load out 16 loads. All trucks	ERRG	1	Construction Manager	0
	tarped and tires washed prior to leaving the site.	ERRG	1	Project Manager	0
	Grade checker placing stakes for continued fill placement.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	2	Equipment Operators	12
		ERRG	1	Truck Drivers	3
		ERRG	4	Laborer	33
		ERRG	1	Grade Checker	8

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	88
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12743.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12831.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, equipment inspections	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	Harris Blade	D6R Bulldozer-1ea	8
	Harris Blade	815 Compactor	8
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring skids	48
	United Rentals	Sweeper	8
	Harris Blade	950 Loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/7/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 12/7/10 **TIME** 0700 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07418, STAGING AREA

TYPE OF WORK Load out Trucks and Decon Trucks on the way out - Repair perimeter fence

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, EQUIPMENT, TRUCK TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS WET SURFACES, EQUIPMENT, TRAFFIC

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Jack Thomas	ERRG	[signature]
Oscar Orozco	ERRG	[signature]
Rafael Loza	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
Villanueva Lelei	ERRG	[signature]
Fernando Trujillo	ERRG	[signature]
JR RUIZ	ESPINOSA	[signature]
SAM ESPINOSA	ESPINOSA	[signature]
Liz Binning	ERRG	[signature]

Health & Safety Officer Dick Kemp

SIGNATURE [signature]

SUPERINTENDENT James Nore

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	TUESDAY	Date:	12/7/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0700 - SAFETY TAILGATE - MUD, EQUIPMENT, TRUCK TRAFFIC

LOADING OUT DELIVERED DIRT FILL THAT DOES NOT MEET SPECS.

SURVEYORS ON SITE

WASHING TIRES ON ALL DEPARTING VEHICLES

EQUIPMENT IN USE - LOADER, DOZER, WATER TRUCK

Signed: [signature] Date: 12/7/10

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/DEC/10

REPORT NO 096

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
06	Started removal of import soil from Doyle Drive source that were observed to not meet the project specifications. Soil was loaded into end
	dumps and hauled back to Doyle Drive. Verified that activities performed conformed to the cover installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

12/07/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Cover Installation

Date: 12/7/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for demarcation geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the Borrow Source Assessment Report been approved at least 15 days prior to select fill placement?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				To be performed prior to geotextile installation.
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**	**X**			
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer?	**Initial**	**X**			
Have all well extension materials been deliver materials in an undamaged condition	**Initial**				To be performed prior to well installation.
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings?	**Follow up**				
Have the soil cover been constructed with the lift thicknesses described in the specifications?	**Follow up**				
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts?	**Follow up**				
Has compaction been a minimum of 2 passes over all areas?	**Follow up**				
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed?	**Follow up**				
Have compaction test results shall be compared with the results obtained during the borrow source assessment for consistency?	**Follow up**				
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed?	**Follow up**				
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests?	**Follow up**				
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed?	**Follow up**				
Are retests located within 10 feet of the previous test location	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				
Has soil been prevented from being dropped directly onto geosynthetics from a height greater than 3 feet.	**Follow up**				
Has select fill been pushed out over geosynthetics in an upward tumbling motion so that wrinkles in geosynthetics do not fold over?	**Follow up**				
Has select fill be placed from the bottom of the slope upward over geosythetics?	**Follow up**				
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				
Have the securing pins been inserted at the frequency shown in the specifications?	**Follow up**				
Have the strips been placed to provide a minimum overlap width as shown on the design drawings for each joint of the demarcation geotextile?	**Follow up**				
Has the geotextile been protected from damage prior to and during soil placement?	**Follow up**				
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				
Has the demarcation tape been installed in the grid pattern at the frequency shown on the design drawings?	**Follow up**				
Have all surplus materials or other non-suitable material, including brush, refuse, stumps, roots, and timber been disposed of in an appropriate off-site disposal facility?	**Follow up**	**X**			
Has all organic debris hauled off base been recycled at a local composting facility?	**Follow up**				
Has the generation of waste, inorganic trash, or debris been minimized whenever possible?	**Follow up**	**X**			
Have environmental controls been maintained throughout construction, even during gaps in work?	**Follow up**				
Has the collection and disposal methods of surface water encountered during construction been provided?	**Follow up**				
Have storm drainage features been established for rain events during construction?	**Follow up**				
Has the site been graded to surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils?	**Follow up**				
Have erosion rills or other damage that occurs been documented (including location and volume of soil affected, corrective action taken, and results of retests), repaired, and grades re-established?	**Follow up**				
Has a field geologist inspected all material and equipment to be used in well extension for conformance with the specifications?	**Follow up**				
Have all well materials been stored and maintained in a clean, uncontaminated condition throughout the course of the project?	**Follow up**				
Have all monitoring wells been extended as shown on the design drawings?	**Follow up**				
Have all monitoring probes been extended as shown on the design drawings?	**Follow up**				
Has care been taken during construction to prevent contamination of the interior of the extended wells and probes from any solvents or other chemicals being used?	**Follow up**				
Receivables					
Material properties sheet		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			
Calibration					

QC Manager: Elizabeth Binning	Date: 12/7/2010

Photo 1: Cover Installation – Removal of import of soil from the Doyle Drive backfill source that did not meet the project specifications via end dump trucks.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: William Schmidt (ERRG, Inc.) Date: December 7, 2010

Photo 2: Cover Installation – Installation of grade stakes.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: William Schmidt (ERRG, Inc.) Date: December 7, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	08/DEC/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	097	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Cloudy, rain,cool	
PM WEATHER	Cloudy, rain,cool	
MAX TEMP (F)	58	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Continue loading out the suspect material- 7 trucks looping today	ERRG	1	Superintendent	8
	Load out 17 loads of suspect material for transport back to Presidio. All trucks	ERRG	1	Construction Manager	0
	tarped and tires washed prior to leaving site. We will not be receiving any	ERRG	1	Project Manager	0
	additional material from this source.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	8
		ERRG	3	Equipment Operators	14
		ERRG	1	Truck Drivers	2
		ERRG	4	Laborer	32
		ERRG	1	Grade Checker	8

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	88
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12831.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12919.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, equipment inspections	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	Harris Blade	D6R Bulldozer-1ea	8
	Harris Blade	815 Compactor	8
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring skids	48
	United Rentals	Sweeper	8
	Harris Blade	950 Loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/8/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 12/8/10 **TIME** 0700 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR-07 & 18, STAGING AREA

TYPE OF WORK Load out Trucks today

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, WET + SLIPPERY SURFACES, TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS RAIN, MUD, EQUIPMENT, TRUCK TRAFFIC

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
DAVID HASAL	ERRG	David Hasal
Rafael Loza	ERRG	Rafael Loza
SAM Thomas	ERR	[illegible]
Fernando Trujillo	ERRG	Fernando Trujillo
William Lopez	ERRG	[illegible]
William Schmidt	ERRG	William Schmidt
OSCAR GROTO	ERRG	[illegible]
LIZ BINNING	ERRG	[illegible]

Health & Safety Officer DISC EPS

SIGNATURE [illegible]

SUPERINTENDENT JAMES NOYES

SIGNATURE [illegible]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	12/8/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	RAIN	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0700 SAFETY TAILGATE — WET, SLIPPERY SURFACES, TRAFFIC, EQUIPMENT

LOADING OUT CONTAMINATED SOIL.

CLEANING TIRES & SWEEPING STREET (DONAHUE)

EQUIPMENT — SWEEPER, WATER TRUCK, BULLDOZER, LOADER

Signed: [signature] Date: 12/8/10

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 950 Cat Loader **Identification Number:** _____

Project Number / Name: _____ **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects 12/7/10 Tuesday			12/8/10 Wednesday												Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

[illegible]ons taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 815F COMPACTOR **Identification Number:** NM 15476 or EB3W66

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	12/6/10 FS															
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Defect(s):
Tires and rims	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	Front left side crack
Gauges operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: D-6 HARRIS **Identification Number:** XB6577

Project Number / Name: HUNTERS POINT **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	12-7-10 DH			12-8-10 DH												
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 08/DEC/10

REPORT NO 097

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
06	Finished removal of import soil from Doyle Drive source that were observed to not meet the project specifications. Soil was loaded into end
	dumps and hauled back to Doyle Drive. Verified that activities performed conformed to the cover installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description
06	Finished removing Doyle Drive soil that did not meet specifications.

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

12/08/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Cover Installation

Date: 12/8/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for demarcation geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the Borrow Source Assessment Report been approved at least 15 days prior to select fill placement?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				To be performed prior to geotextile installation.
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**	**X**			
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer?	**Initial**	**X**			
Have all well extension materials been deliver materials in an undamaged condition	**Initial**				To be performed prior to well installation.
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings?	**Follow up**				
Have the soil cover been constructed with the lift thicknesses described in the specifications?	**Follow up**				
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts?	**Follow up**				
Has compaction been a minimum of 2 passes over all areas?	**Follow up**				
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed?	**Follow up**				
Have compaction test results shall be compared with the results obtained during the borrow source assessment for consistency?	**Follow up**				
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed?	**Follow up**				
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests?	**Follow up**				
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed?	**Follow up**				
Are retests located within 10 feet of the previous test location	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				
Has soil been prevented from being dropped directly onto geosynthetics from a height greater than 3 feet.	**Follow up**				
Has select fill been pushed out over geosynthetics in an upward tumbling motion so that wrinkles in geosynthetics do not fold over?	**Follow up**				
Has select fill be placed from the bottom of the slope upward over geosythetics?	**Follow up**				
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				
Have the securing pins been inserted at the frequency shown in the specifications?	**Follow up**				
Have the strips been placed to provide a minimum overlap width as shown on the design drawings for each joint of the demarcation geotextile?	**Follow up**				
Has the geotextile been protected from damage prior to and during soil placement?	**Follow up**				
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				
Has the demarcation tape been installed in the grid pattern at the frequency shown on the design drawings?	**Follow up**				
Have all surplus materials or other non-suitable material, including brush, refuse, stumps, roots, and timber been disposed of in an appropriate off-site disposal facility?	**Follow up**	**X**			
Has all organic debris hauled off base been recycled at a local composting facility?	**Follow up**				
Has the generation of waste, inorganic trash, or debris been minimized whenever possible?	**Follow up**	**X**			
Have environmental controls been maintained throughout construction, even during gaps in work?	**Follow up**				
Has the collection and disposal methods of surface water encountered during construction been provided?	**Follow up**				
Have storm drainage features been established for rain events during construction?	**Follow up**				
Has the site been graded to surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils?	**Follow up**				
Have erosion rills or other damage that occurs been documented (including location and volume of soil affected, corrective action taken, and results of retests), repaired, and grades re-established?	**Follow up**				
Has a field geologist inspected all material and equipment to be used in well extension for conformance with the specifications?	**Follow up**				
Have all well materials been stored and maintained in a clean, uncontaminated condition throughout the course of the project?	**Follow up**				
Have all monitoring wells been extended as shown on the design drawings?	**Follow up**				
Have all monitoring probes been extended as shown on the design drawings?	**Follow up**				
Has care been taken during construction to prevent contamination of the interior of the extended wells and probes from any solvents or other chemicals being used?	**Follow up**				
Receivables					
Material properties sheet		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			
Calibration					

QC Manager: Elizabeth Binning	Date: 12/8/2010

Photo 1: Cover Installation – Scraping up import of soil from the Doyle Drive backfill source that did not meet the project specifications for removal from the site.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 8, 2010

Photo 2: Cover Installation – Removal of import of soil from the Doyle Drive backfill source that did not meet the project specifications via end dump trucks.
HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California
Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 8, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/DEC/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	098	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Cloudy,cool	
PM WEATHER	Cloudy,cool	
MAX TEMP (F)	58	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Jericho on site today set up unload barge of select fill material.	ERRG	1	Superintendent	9
	4 trucks on site to transport fill material from barge unloading area at drydock	ERRG	1	Construction Manager	4
	to site. Import, place and compact fill material on IR18.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	9
		ERRG	1	H&S Officer	9
		ERRG	1	QC Staff	9
		ERRG	4	Equipment Operators	19.5
		18 Trucking	4	Truck Drivers	26
		ERRG	4	Laborer	23
		ERRG	1	Grade Checker	8.5
		Jericho	4	Marine Sub	36

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	153
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12919.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13072.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, equipment inspections	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
06		Select Fill (62 loads)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	Harris Blade	D6R Bulldozer-1ea	8
	Harris Blade	815 Compactor	8
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring skids	48
	Harris Blade	980 Loader	8
	ERRG	JD 310 Backhoe	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/13/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 12/13/10 **TIME** 0700 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION DRY DOCK #3 to IR-07 + 18, PARCEL B

TYPE OF WORK import MATERIAL by barge - Load belly dumps place and compact

SAFETY TOPICS PRESENTED

SAFETY TOPICS Traffic control, heavy equip hazards.

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS Slip trip, heavy equip, barge conveyors etc.

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Kenny Phillips	Harris	[signature]
Saul Thomas	ERRG	[signature]
Roberto Aguilera	ERRG	[signature]
Rafael Loza	ERRG	[signature]
William Schmidt	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
OSCAR OROZCO	ERRG	[signature]
TY APPLI	ERRG	[signature]
Liz Binning	ERRG	[signature]
[illegible]	DOABA TRK	[signature]
[illegible]	DOABA TRK	[signature]
Rafael	18 TK	[signature]
Pedram Mehdipa	18 TK	[signature]

Health & Safety Officer DICK EMP

SIGNATURE [signature]

SUPERINTENDENT JAMES NORRIS

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	MONDAY	Date:	12/13/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	FOGGY	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0700 SAFETY TAILGATE — NEW TRUCKERS ON SITE, UNLOADING BARGE, LOADING TRUCKS EQUIPMENT.

BEGAN HAULING DIRT FROM DRY DOCK #3 BARGE AREA TO IR-07 WITH [redacted] OPERATED BELLY DUMP TRUCKS.

COMPACTING + SPREADING DIRT IN IR-07.

42 Loads

EQUIPMENT IN USE — BULLDOZER, COMPACTOR, HOWARD-OPERATED BELLY DUMP TRUCKS, LOADER

Signed: [signature] Date: 12/13/10

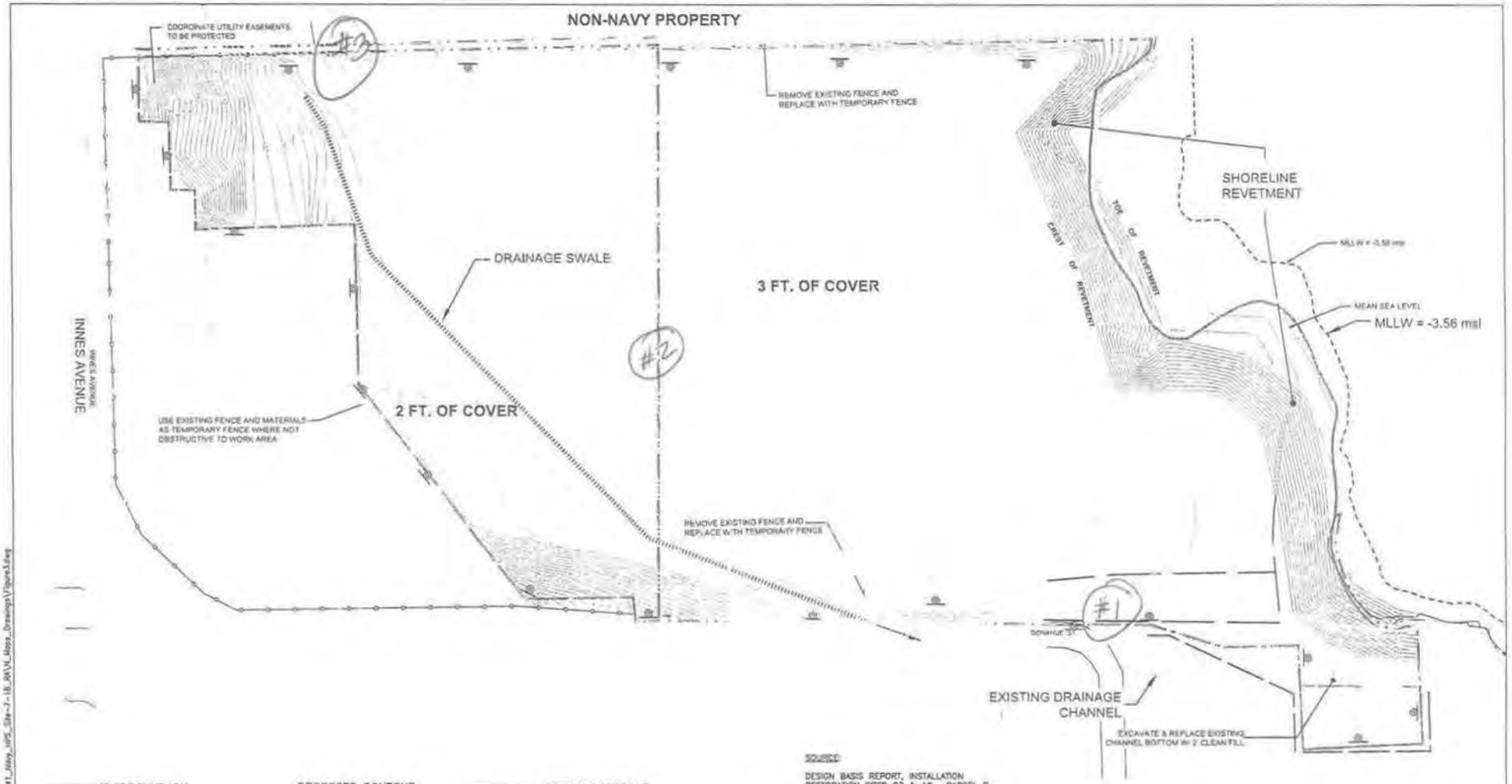
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK DOP
Project Name: REMEDIATION IR 07 & 18, PARCEL B
Site Location: HPS
Calibration (Date and Time): 12/6/10

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument TVA CANC, ~~PID~~	~~DataRAM~~	Comments
#3	12/13/10	0720	0.045	0.047	FOGGY
#2		0725	0.050	0.059	"
#1		0730	0.055	0.053	"
#3		1148	0.043	0.058	" DIRT WORK
#2		1231	0.034	0.046	" BEGAN @ 1110
#1		1235	0.065	0.061	"
#3		1412	0.063	0.052	"
#2		1421	0.077	0.049	"
#1		1430	—	—	BATTERY DEAD



SOURCE:
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, ChaduxTI, 2010

ERRG Engineering/Remediation Resources Group, Inc. 115 Sansome St., Suite 200 San Francisco, California (415) 395-9974	CLIENT: Department of the Navy BRAC PMO West San Diego, California	DESIGNED BY: CS 2-17-10	REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
	LOCATION: Hunters Point Shipyard San Francisco, California	CHECKED BY: JS 12-2-09	
		P.E./P.G.: -	ERRG PROJECT NO. 29-141 / REVISION NO. 0 / SHEET 1 / FIGURE NO. 3

N:\Projects\2009_Projects\29-141_Navy_HPS_Site-7-18_RAWL\Maps_Drawings\Figure3.dwg

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/DEC/10

REPORT NO 098

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
06	Started importing soil from Decker Island Aggregates (DIA) source by barge. Belly dumps looping between the barge in the dry dock and IR-07 & -18
	with loads of cover soil. Started placing and compacting DIA material on the southern portion of the site. Although DIA material appears to be
	close to optimum moisture, the subsurface is still very saturated and there is some ponding of water on the subgrade. It may be difficult to
	meet the moisture content requirements until the subsurface is dry. Verified that activities performed conformed to the cover installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

12/13/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Cover Installation

Date: 12/13/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for demarcation geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the Borrow Source Assessment Report been approved at least 15 days prior to select fill placement?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				To be performed prior to geotextile installation.
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**	**X**			
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer?	**Initial**	**X**			
Have all well extension materials been deliver materials in an undamaged condition	**Initial**				To be performed prior to well installation.
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings?	**Follow up**				
Have the soil cover been constructed with the lift thicknesses described in the specifications?	**Follow up**				
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts?	**Follow up**				
Has compaction been a minimum of 2 passes over all areas?	**Follow up**				
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed?	**Follow up**				
Have compaction test results shall be compared with the results obtained during the borrow source assessment for consistency?	**Follow up**				
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed?	**Follow up**				
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests?	**Follow up**				
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed?	**Follow up**				
Are retests located within 10 feet of the previous test location	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				
Has soil been prevented from being dropped directly onto geosynthetics from a height greater than 3 feet.	**Follow up**				
Has select fill been pushed out over geosynthetics in an upward tumbling motion so that wrinkles in geosynthetics do not fold over?	**Follow up**				
Has select fill be placed from the bottom of the slope upward over geosythetics?	**Follow up**				
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				
Have the securing pins been inserted at the frequency shown in the specifications?	**Follow up**				
Have the strips been placed to provide a minimum overlap width as shown on the design drawings for each joint of the demarcation geotextile?	**Follow up**				
Has the geotextile been protected from damage prior to and during soil placement?	**Follow up**				
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				
Has the demarcation tape been installed in the grid pattern at the frequency shown on the design drawings?	**Follow up**				
Have all surplus materials or other non-suitable material, including brush, refuse, stumps, roots, and timber been disposed of in an appropriate off-site disposal facility?	**Follow up**	**X**			
Has all organic debris hauled off base been recycled at a local composting facility?	**Follow up**				
Has the generation of waste, inorganic trash, or debris been minimized whenever possible?	**Follow up**	**X**			
Have environmental controls been maintained throughout construction, even during gaps in work?	**Follow up**				
Has the collection and disposal methods of surface water encountered during construction been provided?	**Follow up**				
Have storm drainage features been established for rain events during construction?	**Follow up**				
Has the site been graded to surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils?	**Follow up**				
Have erosion rills or other damage that occurs been documented (including location and volume of soil affected, corrective action taken, and results of retests), repaired, and grades re-established?	**Follow up**				
Has a field geologist inspected all material and equipment to be used in well extension for conformance with the specifications?	**Follow up**				
Have all well materials been stored and maintained in a clean, uncontaminated condition throughout the course of the project?	**Follow up**				
Have all monitoring wells been extended as shown on the design drawings?	**Follow up**				
Have all monitoring probes been extended as shown on the design drawings?	**Follow up**				
Has care been taken during construction to prevent contamination of the interior of the extended wells and probes from any solvents or other chemicals being used?	**Follow up**				
Receivables					
Material properties sheet		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			
Calibration					

QC Manager: Elizabeth Binning	Date: 12/13/2010

Photo 1: Cover Installation – Import of soil from the Decker Island Aggregates backfill source by barge in Dry Dock 3.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 13, 2010

Photo 2: Cover Installation – Stockpiling of import of soil from the Decker Island Aggregates backfill source prior to hauling to IR-07 &-18.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 13, 2010

Photo 3: Cover Installation – Load out of import of soil from the Decker Island Aggregates backfill source from the stockpile near Dry Dock 3 and hauling to IR-07 &-18.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 13, 2010

Photo 4: Cover Installation – Hauling of soil from Dry Dock 3 to IR-07 &-18 using belly dump trucks.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 13, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/DEC/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	099
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy,cool
PM WEATHER	Cloudy,cool
MAX TEMP (F)	58
MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Jericho on site today set up unload barge of select fill material.	ERRG	1	Superintendent	9.5
	5 trucks on site to transport fill material from barge unloading area at drydock	ERRG	1	Construction Manager	3
	to site. Import, place and compact fill material on IR18 and IR07.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	9.5
		ERRG	1	H&S Officer	9.5
		ERRG	1	QC Staff	9.5
		ERRG	4	Equipment Operators	28.5
		18 Trucking	5	Truck Drivers	38
		ERRG	2	Laborer	19
		ERRG	1	Grade Checker	9.5
		Jericho	4	Marine Sub	36

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	178
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	13072.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13250.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, equipment inspections	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
06		Select Fill (126 loads)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	Harris Blade	D6R Bulldozer-1ea	8
	Harris Blade	815 Compactor	8
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring skids	48
	Harris Blade	980 Loader	8
	ERRG	JD 310 Backhoe	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/14/10 — DATE

ERRG

TAILGATE SAFETY MEETING

126 LOADS

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 12/14/10 **TIME** 0700 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION DRYDOCK 3 to IR-07, 18

TYPE OF WORK TRANSPORTING + PLACING SAND FILL OVER AREA

SAFETY TOPICS PRESENTED

SAFETY TOPICS WET, STIF, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS RAIN, MUD, EQUIPMENT, TRAFFIC

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
DAVID HASAL	ERRG	David Hasal
Roberto Aguilera	ERRG	[illegible]
Rafael Loza	ERRG	[illegible]
Jack Thomas	Harris	[illegible]
Kerry Phillips	ERRG	[illegible]
OSCAR OROZCO	ERRG	[illegible]
William Schmidt	ERRG	[illegible]
Liz Binning	ERRG	[illegible]
Rafael Saravia	FHE 18 TK	[illegible]
Pedram Mehdipour	PMT 18 TRK	[illegible]
[illegible]	[illegible]	[illegible]
Pawan Singh	DOABA TRK	[illegible]
Abm [illegible]	Abm [illegible]	[illegible]
John Soukal	ERRG	[illegible]
Ty Appel	ERRG	[illegible]

Health & Safety Officer DICK OPP

SIGNATURE [illegible]

SUPERINTENDENT JAMES [illegible]

SIGNATURE [illegible]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	12/14/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	RAIN	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0700 SAFETY TAILGATE – MUD, WET SURFACES, TRAFFIC

TRANSPORTING BARGED-IN SOIL TO 10-07+18, PLACING & COMPACTING

EQUIPMENT – LOADER, BULLDOZER, COMPACTOR, 5 PHONY DUMPS – B&H

Signed: [signature] Date: 12/15/10

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 14/DEC/10

REPORT NO 099

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
06	Continued importing soil from Decker Island Aggregates (DIA) source by barge. Belly dumps looping between the barge in the dry dock and IR-07 & -18
	with loads of cover soil. Continued placing and compacting DIA material on the southern portion of the site. Subsurface soils are still saturated.
	Verified that activities performed conformed to the cover installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

12/14/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Cover Installation

Date: 12/14/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for demarcation geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the Borrow Source Assessment Report been approved at least 15 days prior to select fill placement?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				To be performed prior to geotextile installation.
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**	**X**			
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer?	**Initial**	**X**			
Have all well extension materials been deliver materials in an undamaged condition	**Initial**				To be performed prior to well installation.
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings?	**Follow up**				
Have the soil cover been constructed with the lift thicknesses described in the specifications?	**Follow up**				
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts?	**Follow up**				
Has compaction been a minimum of 2 passes over all areas?	**Follow up**				
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed?	**Follow up**				
Have compaction test results shall be compared with the results obtained during the borrow source assessment for consistency?	**Follow up**				
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed?	**Follow up**				
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests?	**Follow up**				
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed?	**Follow up**				
Are retests located within 10 feet of the previous test location	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				
Has soil been prevented from being dropped directly onto geosynthetics from a height greater than 3 feet.	**Follow up**				
Has select fill been pushed out over geosynthetics in an upward tumbling motion so that wrinkles in geosynthetics do not fold over?	**Follow up**				
Has select fill be placed from the bottom of the slope upward over geosythetics?	**Follow up**				
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				
Have the securing pins been inserted at the frequency shown in the specifications?	**Follow up**				
Have the strips been placed to provide a minimum overlap width as shown on the design drawings for each joint of the demarcation geotextile?	**Follow up**				
Has the geotextile been protected from damage prior to and during soil placement?	**Follow up**				
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				
Has the demarcation tape been installed in the grid pattern at the frequency shown on the design drawings?	**Follow up**				
Have all surplus materials or other non-suitable material, including brush, refuse, stumps, roots, and timber been disposed of in an appropriate off-site disposal facility?	**Follow up**	**X**			
Has all organic debris hauled off base been recycled at a local composting facility?	**Follow up**				
Has the generation of waste, inorganic trash, or debris been minimized whenever possible?	**Follow up**	**X**			
Have environmental controls been maintained throughout construction, even during gaps in work?	**Follow up**				
Has the collection and disposal methods of surface water encountered during construction been provided?	**Follow up**				
Have storm drainage features been established for rain events during construction?	**Follow up**				
Has the site been graded to surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils?	**Follow up**				
Have erosion rills or other damage that occurs been documented (including location and volume of soil affected, corrective action taken, and results of retests), repaired, and grades re-established?	**Follow up**				
Has a field geologist inspected all material and equipment to be used in well extension for conformance with the specifications?	**Follow up**				
Have all well materials been stored and maintained in a clean, uncontaminated condition throughout the course of the project?	**Follow up**				
Have all monitoring wells been extended as shown on the design drawings?	**Follow up**				
Have all monitoring probes been extended as shown on the design drawings?	**Follow up**				
Has care been taken during construction to prevent contamination of the interior of the extended wells and probes from any solvents or other chemicals being used?	**Follow up**				
Receivables					
Material properties sheet		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			
Calibration					

QC Manager: Elizabeth Binning	Date: 12/14/2010

Photo 1: Cover Installation – Import of soil from Decker Island Aggregates by barge in Dry Dock 3.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 14, 2010

Photo 2: Cover Installation – Hauling of import of soil from Dry Dock 3 to IR-07 &-18 using belly dump trucks.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: December 14, 2010

Photo 3: Cover Installation – Spreading soil from Decker Island Aggregates along the southern portion of the site. Subgrade is saturated and will require drying prior to performing any compaction testing on the first lift of cover soil.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 14, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/DEC/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	100
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy,cool
PM WEATHER	Cloudy,cool
MAX TEMP (F)	58
MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Continue unloading select fill from dry dock unloading area. First barge from	ERRG	1	Superintendent	9.5
	0700-1030 and the second barge from 1344-1600. Load, transport and place	ERRG	1	Construction Manager	2
	material onto IR18 and !R07.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	9.5
		ERRG	1	H&S Officer	9.5
		ERRG	1	QC Staff	9.5
		ERRG	4	Equipment Operators	28.5
		18 Trucking	6	Truck Drivers	49
		ERRG	2	Laborer	19
		ERRG	1	Grade Checker	9.5
		Jericho	4	Marine Sub	36

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	188
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	13250.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13438.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, equipment inspections	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
06		Select Fill (156 loads)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	Harris Blade	D6R Bulldozer-1ea	8
	Harris Blade	815 Compactor	8
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring skids	48
	Harris Blade	980 Loader	8
	ERRG	JD 310 Backhoe	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/15/10 — DATE

156 LOADS

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 12/15/10 **TIME** 0700 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION DRYDOCK 3 TO IR-07 + 18, PARCEL B

TYPE OF WORK TRANSPORTING + PLACING SOIL IN IR07 + 18

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, WET, TRAFFIC, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS MUD, WET, EQUIPMENT

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
DAVID HASAL	ERRG	David Hasal
Jack Thomas	ERRG	[illegible]
Kenny Phillips	Harris	[illegible]
Oscar Orozco	ERRG	[illegible]
Rafael Loza	ERRG	[illegible]
Roberto Aguilera	ERRG	[illegible]
William Schmidt	ERRG	[illegible]
JOSE MARTINEZ	I.S.W	MARTINEZ
Rafael Saravia	FAL 18 T/K	[illegible]
PAWAN [illegible]	DOABA TRK	[illegible]
HARPREET SINGH	Doaba Trk	[illegible]
Pedram Mehdipour	PMT/18 tkg	[illegible]
Luz Binning	ERRG	[illegible]
DILBAG SINGH	GBAA	[illegible]

Health & Safety Officer DICK EPP

SIGNATURE [signature]

SUPERINTENDENT James Noves

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	WEDNESDAY	Date:	12/15/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR/P. CLDY	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0700 SAFETY TAILGATE – MOD, STAF, EQUIPMENT, TRAFFIC

TRANSPORTING & PLACING CAP ON IR-07 #18.

OFF LOADED 2 BARGES

EQUIPMENT IN USE – LOADER, COMPACTOR, BULLDOZER, 6 OTM BODY DUMPS.

Signed: [signature] Date: 12/15/10

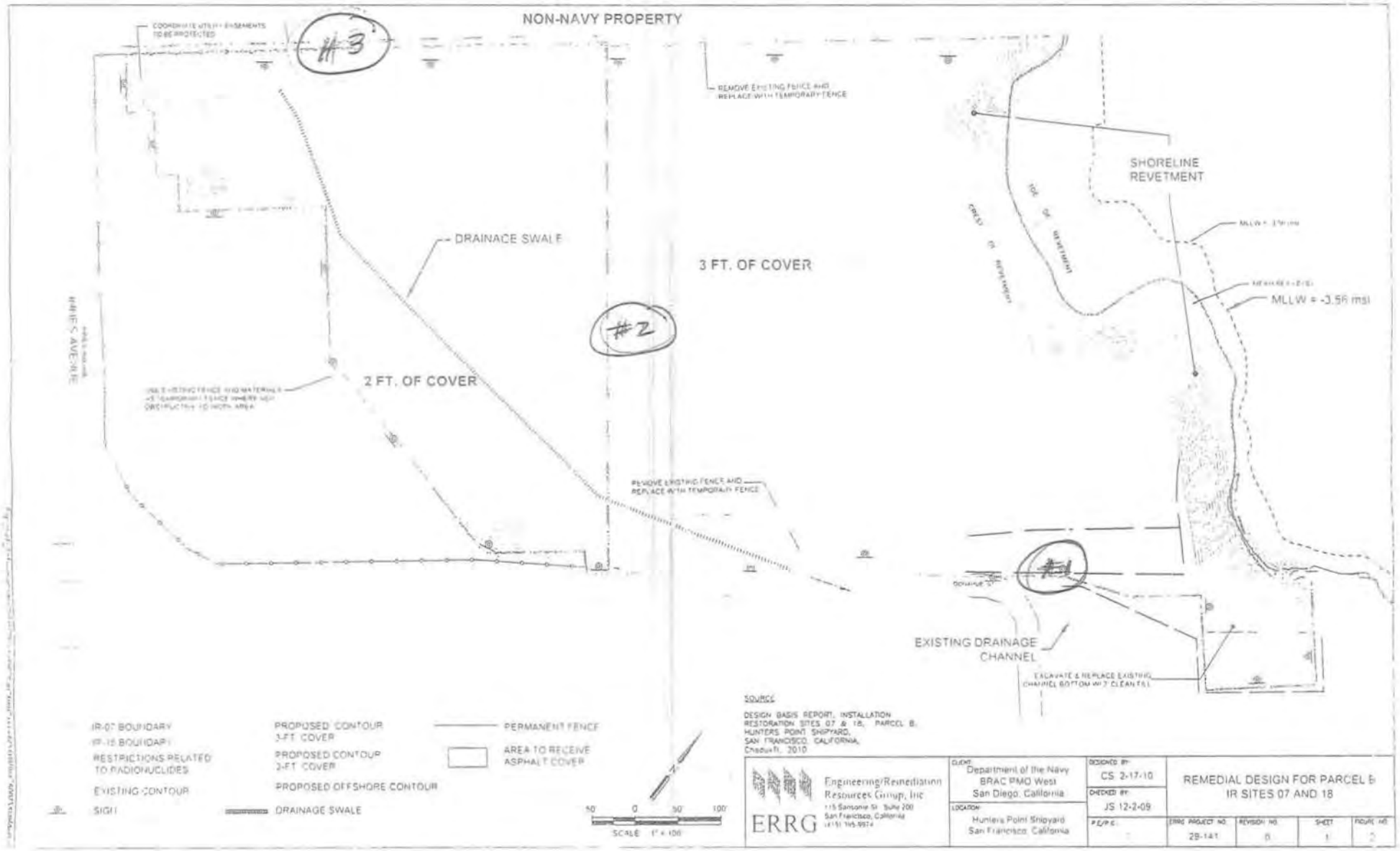
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK GPP
Project Name: IR 07+18, PARCEL B
Site Location: HPS
Calibration (Date and Time): 12/15/10 @ 0730

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument: ~~PID~~ Core	Instrument: ~~DataRAM~~ TNA	Comments
#3	12/15/10	0807	0.025	0.024	
#2		0812	0.034	0.041	
#1		0830	0.045	0.051	
#1		1047	0.032	0.042	
#2		1051	0.045	0.061	
#1		1400	—	—	BATTERY DEAD
#1		1411	0.022	0.023	
#2		1417	0.041	0.046	
#3		1440	0.014	0.025	
#2		1458	0.047	0.046	
#1		1502	0.016	0.019	


NON-NAVY PROPERTY
#3
#2
#1
DRAINAGE SWALE
3 FT. OF COVER
2 FT. OF COVER
SHORELINE REVETMENT
MLLW = -3.56 msl
EXISTING DRAINAGE CHANNEL
REMOVE EXISTING FENCE AND REPLACE WITH TEMPORARY FENCE
IR-07 BOUNDARY
IR-18 BOUNDARY
RESTRICTIONS RELATED TO RADIONUCLIDES
EXISTING CONTOUR
SIGN
PROPOSED CONTOUR 3-FT COVER
PROPOSED CONTOUR 2-FT COVER
PROPOSED OFFSHORE CONTOUR
DRAINAGE SWALE
PERMANENT FENCE
AREA TO RECEIVE ASPHALT COVER
SCALE 1" = 100'
SOURCE
DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, Chadwick, 2010
ERRG
Engineering/Remediation Resources Group, Inc
115 Sansome St Suite 200
San Francisco, California
(415) 765-9974
CLIENT
Department of the Navy
BRAC PMO West
San Diego, California
LOCATION
Hunters Point Shipyard
San Francisco, California
DESIGNED BY CS 2-17-10
CHECKED BY JS 12-2-09
REMEDIAL DESIGN FOR PARCEL B
IR SITES 07 AND 18
ERRG PROJECT NO. 29-141
REVISION NO. 0
SHEET 1

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 15/DEC/10

REPORT NO 100

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
06	Continued importing soil from Decker Island Aggregates (DIA) source by barge. Belly dumps looping between the barge in the dry dock and IR-07 & -18
	with loads of cover soil. Continued placing and compacting DIA material on the southern and pushing out towards the central portion of the site.
	Started spreading first lift onto the southwestern slope of IR-18. Subsurface soils are still saturated. Verified that activities performed
	conformed to the cover installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

12/15/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Cover Installation

Date: 12/15/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for demarcation geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the Borrow Source Assessment Report been approved at least 15 days prior to select fill placement?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				To be performed prior to geotextile installation.
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**	**X**			
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer?	**Initial**	**X**			
Have all well extension materials been deliver materials in an undamaged condition	**Initial**				To be performed prior to well installation.
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings?	**Follow up**				
Have the soil cover been constructed with the lift thicknesses described in the specifications?	**Follow up**				
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts?	**Follow up**				
Has compaction been a minimum of 2 passes over all areas?	**Follow up**				
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed?	**Follow up**				
Have compaction test results shall be compared with the results obtained during the borrow source assessment for consistency?	**Follow up**				
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed?	**Follow up**				
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests?	**Follow up**				
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed?	**Follow up**				
Are retests located within 10 feet of the previous test location	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				
Has soil been prevented from being dropped directly onto geosynthetics from a height greater than 3 feet.	**Follow up**				
Has select fill been pushed out over geosynthetics in an upward tumbling motion so that wrinkles in geosynthetics do not fold over?	**Follow up**				
Has select fill be placed from the bottom of the slope upward over geosythetics?	**Follow up**				
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				
Have the securing pins been inserted at the frequency shown in the specifications?	**Follow up**				
Have the strips been placed to provide a minimum overlap width as shown on the design drawings for each joint of the demarcation geotextile?	**Follow up**				
Has the geotextile been protected from damage prior to and during soil placement?	**Follow up**				
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				
Has the demarcation tape been installed in the grid pattern at the frequency shown on the design drawings?	**Follow up**				
Have all surplus materials or other non-suitable material, including brush, refuse, stumps, roots, and timber been disposed of in an appropriate off-site disposal facility?	**Follow up**	**X**			
Has all organic debris hauled off base been recycled at a local composting facility?	**Follow up**				
Has the generation of waste, inorganic trash, or debris been minimized whenever possible?	**Follow up**	**X**			
Have environmental controls been maintained throughout construction, even during gaps in work?	**Follow up**				
Has the collection and disposal methods of surface water encountered during construction been provided?	**Follow up**				
Have storm drainage features been established for rain events during construction?	**Follow up**				
Has the site been graded to surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils?	**Follow up**				
Have erosion rills or other damage that occurs been documented (including location and volume of soil affected, corrective action taken, and results of retests), repaired, and grades re-established?	**Follow up**				
Has a field geologist inspected all material and equipment to be used in well extension for conformance with the specifications?	**Follow up**				
Have all well materials been stored and maintained in a clean, uncontaminated condition throughout the course of the project?	**Follow up**				
Have all monitoring wells been extended as shown on the design drawings?	**Follow up**				
Have all monitoring probes been extended as shown on the design drawings?	**Follow up**				
Has care been taken during construction to prevent contamination of the interior of the extended wells and probes from any solvents or other chemicals being used?	**Follow up**				
Receivables					
Material properties sheet		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			
Calibration					

QC Manager: Elizabeth Binning	Date: 12/15/2010

Photo 1: Cover Installation – Import of soil from Decker Island Aggregates by barge in Dry Dock 3. Loading up belly dumps to haul material from Dry Dock 3 to IR-07 & -18.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 15, 2010

Photo 2: Cover Installation – Hauling of import of soil from Dry Dock 3 to IR-07 &-18 using belly dump trucks.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 15, 2010

Photo 3: Cover Installation – Placement of cover material on the southwest corner of the site. Subgrade is very saturated and trucks got stuck dropping soil in this area.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 15, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	16/DEC/10	
CONTRACT NO	N62473-09-D-2608	
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF	
REPORT NO	101	
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	
SUPERINTENDENT	James Nores	
AM WEATHER	Cloudy,cool	
PM WEATHER	Cloudy,cool	
MAX TEMP (F)	58	
MIN TEMP (F)	53	

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Continue unloading select fill from dry dock unloading area. One barge today	ERRG	1	Superintendent	9
	transport to site using 7 belly dump trucks. Place and compact fill at the site.	ERRG	1	Construction Manager	0
		ERRG	1	Project Manager	0
		ERRG	1	QC Manager	9
		ERRG	1	H&S Officer	9
		ERRG	1	QC Staff	9
		ERRG	4	Equipment Operators	27
		18 Trucking	7	Truck Drivers	47.5
		ERRG	2	Laborer	18
		ERRG	1	Grade Checker	8
		Jericho	4	Marine Sub	36

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	172.5
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	13438.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13611

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, equipment inspections	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
06		Select Fill (124 loads)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	Harris Blade	D6R Bulldozer-1ea	9
	Harris Blade	815 Compactor	9
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring skids	48
	Harris Blade	980 Loader	9
	ERRG	JD 310 Backhoe	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/16/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard **CONTRACT #** N64273-09-D-2608

DATE 12/16/10 **TIME** 0700 **PROJECT NUMBER** 29 - 141

CLIENT Department of the Navy

SPECIFIC LOCATION IR18, IR07, Dry DOCK

TYPE OF WORK import place compact select fill

SAFETY TOPICS PRESENTED

SAFETY TOPICS Traffic control, barge work, heavy equipment

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS slip Trip fall, heavy equip Truck traffic

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital **PHONE** 911/ 415-641-6625(ER) **PARAMEDIC PHONE** 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Kenny Phillips	Harris	[signature]
Jack Thomas	ERRG	[signature]
DAVID HASAL	ERRG	[signature]
Roberto Aguilera	ERRG	[signature]
Rafael Loza	ERRG	[signature]
OSCAR OROZCO	ERRG	[signature]
Liz Binning	ERRG	[signature]
Rafael Sarmiento	FAL 18 trk	[signature]
[illegible]	DOABA TRK	[signature]
SUKHTNYERUS	DOABA TRK	[signature]
JOSE MARTINEZ	18 Weels	MARTINEZ
DILBAG SINGH	COBRA	[signature]
Pedram Meldipour	PMT 18 trk	[signature]
William Schmidt	ERRG	[signature]

Health & Safety Officer DICK OPP

SIGNATURE [signature]

SUPERINTENDENT JAMES NOYES

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	12/16/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0700 SAFETY TAILGATE — STIF, MUD, TRAFFIC

TRANSPORTING + LAYING SELECT FILL IN IR 07+18

EQUIPMENT IN USE: LOADED, COMPACTOR, BULLDOZER, 6 O+M BELLY DUMP TRUCKS.

Signed: [signature] Date: 12/16/10

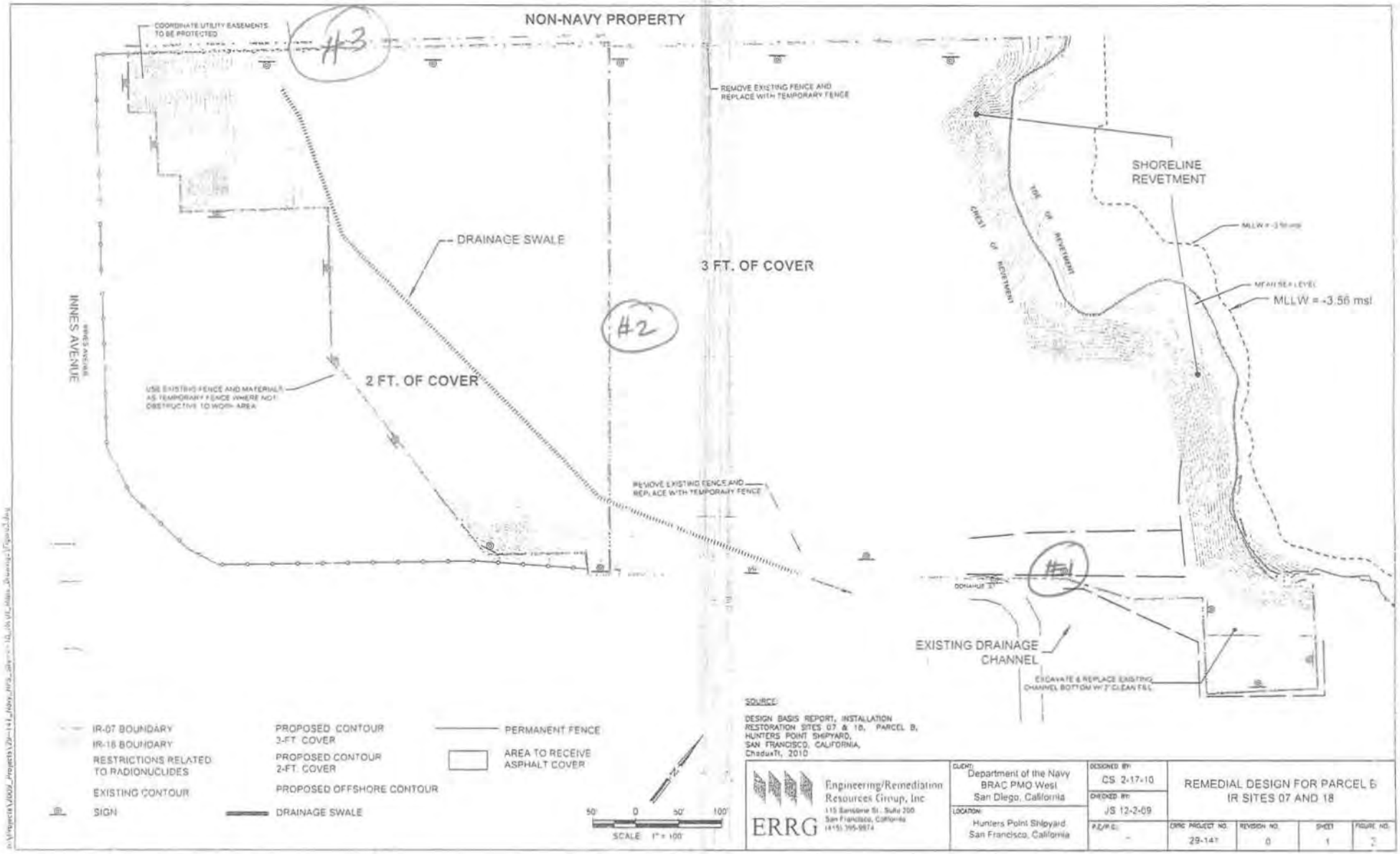
AIR MONITORING LOG SHEET

ERRG

Prepared by: DICK OPP
Project Name: IR-07 & 18, PARCEL B
Site Location: HPS
Calibration (Date and Time): 12/15/10

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument PID	Instrument DataRAM	Comments
#3	12/16/10	0840	0.019	0.014	
#2		0845	0.035	0.027	
#1		0924	0.026	0.027	
#1		1054	0.024	0.028	
#2		1100	0.022	0.028	
#1		1110	0.026	0.027	
#2		1157	0.037	0.026	
#2		1228	0.039	0.027	
#1		1231	0.030	0.026	
#3		1427	0.020	0.019	
#2		1452	—	—	BATTERY DIED
#1		1456	0.030	0.029	



SOURCE:

DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, ChaduxTI, 2010

ERRG Engineering/Remediation Resources Group, Inc. 115 Sansome St., Suite 200 San Francisco, California (415) 395-9874	CLIENT: Department of the Navy BRAC PMO West San Diego, California	DESIGNED BY: CS 2-17-10	REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18
	LOCATION: Hunters Point Shipyard San Francisco, California	CHECKED BY: JS 12-2-09	
		P.E./P.G.: -	ERRG PROJECT NO. 29-141 / REVISION NO. 0 / SHEET 1 / FIGURE NO. 2

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 980H Loader **Identification Number:** HBR 98H SU8F55

Project Number / Name: HPNS 29-141 **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	Monday 5, Tr			Tuesday 5T			Wednesday 5T			Thursday 5T						
	Jack T 12/12/10			Jack T 12/13/10			12/15/10			12/16/10						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Compact **Identification Number:** EB3W66

Project Number / Name: **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	RA															
	12-13-10			12-14-10			12-15-10			12-16-10						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓						
Tracks			✓			✓			✓	✓						
Steps and handgrips	✓			✓			✓			✓						
Guards on moving parts?	✓			✓			✓			✓						
Engine belts and hoses	✓			✓			✓			✓						
Fluid levels acceptable?	✓			✓			✓			✓						
Loading/lifting capacity marked?	✓			✓			✓			✓						
Seat belt operative?	✓			✓			✓			✓						
Fire extinguisher present?		✓			✓			✓			✓					
Windows and mirrors unbroken?	✓			✓			✓			✓						
Gauges operative?	✓			✓			✓			✓						
Battery charged?	✓			✓			✓			✓						
Windshield wipers operative?	✓			✓			✓			✓						
Horn operative?	✓			✓			✓			✓						
Back up alarm operative?	✓			✓			✓			✓						
Lights and signals operative?	✓			✓			✓			✓						
Steering and other controls	✓			✓			✓			✓						
Brakes	✓			✓			✓			✓						

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: D6R **Identification Number:** XB6477

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☑	☐	☑	☐	☐	☐	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 16/DEC/10

REPORT NO 101

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
06	Continued importing soil from Decker Island Aggregates (DIA) source by barge. Belly dumps looping between the barge in the dry dock and IR-07 & -18
	with loads of cover soil. Continued placing and compacting first lift of DIA material on the southern and central portion of the site. Continued
	spreading first lift onto the southwestern slope of IR-18. Subsurface soils are still saturated. Verified that activities performed conformed
	to the cover installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

12/16/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Cover Installation

Date: 12/16/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for demarcation geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the Borrow Source Assessment Report been approved at least 15 days prior to select fill placement?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				To be performed prior to geotextile installation.
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**	**X**			
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer?	**Initial**	**X**			
Have all well extension materials been deliver materials in an undamaged condition	**Initial**				To be performed prior to well installation.
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings?	**Follow up**				
Have the soil cover been constructed with the lift thicknesses described in the specifications?	**Follow up**				
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts?	**Follow up**				
Has compaction been a minimum of 2 passes over all areas?	**Follow up**				
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed?	**Follow up**				
Have compaction test results shall be compared with the results obtained during the borrow source assessment for consistency?	**Follow up**				
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed?	**Follow up**				
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests?	**Follow up**				
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed?	**Follow up**				
Are retests located within 10 feet of the previous test location	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				
Has soil been prevented from being dropped directly onto geosynthetics from a height greater than 3 feet.	**Follow up**				
Has select fill been pushed out over geosynthetics in an upward tumbling motion so that wrinkles in geosynthetics do not fold over?	**Follow up**				
Has select fill be placed from the bottom of the slope upward over geosythetics?	**Follow up**				
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				
Have the securing pins been inserted at the frequency shown in the specifications?	**Follow up**				
Have the strips been placed to provide a minimum overlap width as shown on the design drawings for each joint of the demarcation geotextile?	**Follow up**				
Has the geotextile been protected from damage prior to and during soil placement?	**Follow up**				
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				
Has the demarcation tape been installed in the grid pattern at the frequency shown on the design drawings?	**Follow up**				
Have all surplus materials or other non-suitable material, including brush, refuse, stumps, roots, and timber been disposed of in an appropriate off-site disposal facility?	**Follow up**	**X**			
Has all organic debris hauled off base been recycled at a local composting facility?	**Follow up**				
Has the generation of waste, inorganic trash, or debris been minimized whenever possible?	**Follow up**	**X**			
Have environmental controls been maintained throughout construction, even during gaps in work?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Has the collection and disposal methods of surface water encountered during construction been provided?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Have storm drainage features been established for rain events during construction?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Has the site been graded to surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Have erosion rills or other damage that occurs been documented (including location and volume of soil affected, corrective action taken, and results of retests), repaired, and grades re-established?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Has a field geologist inspected all material and equipment to be used in well extension for conformance with the specifications?	**Follow up**				
Have all well materials been stored and maintained in a clean, uncontaminated condition throughout the course of the project?	**Follow up**				
Have all monitoring wells been extended as shown on the design drawings?	**Follow up**				
Have all monitoring probes been extended as shown on the design drawings?	**Follow up**				
Has care been taken during construction to prevent contamination of the interior of the extended wells and probes from any solvents or other chemicals being used?	**Follow up**				
Receivables					
Material properties sheet		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			
Calibration					

QC Manager: Elizabeth Binning	Date: 12/16/2010

Photo 1: Cover Installation – Import of soil from Decker Island Aggregates by barge in Dry Dock 3. Loading up belly dumps to haul material from Dry Dock 3 to IR-07 & -18.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 16, 2010

Photo 2: Cover Installation – Spreading of first lift of cover material on the southern portion of the site.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 16, 2010

Photo 3: Cover Installation – Hauling of import of soil from Dry Dock 3 to IR-07 &-18 using belly dump trucks. Subgrade is still saturated and trucks are getting stuck during release of their loads.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: William Schmidt (ERRG, Inc.) Date: December 16, 2010

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	23/DEC/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	102
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy,cool
PM WEATHER	Cloudy,cool
MAX TEMP (F)	58
MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Continue unloading select fill from dry dock unloading area. Two barges today.	ERRG	1	Superintendent	10
	Because of wet site conditions, moving material with off road dump trucks to	ERRG	1	Construction Manager	4
	site from the barge unloading area. Place material on the cap in the initial 1'	ERRG	1	Project Manager	0
	cover areas, spread and compact.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	10
09	Excavate hot spot number B3426 additional step out toward the building to the	ERRG	1	QC Staff	10
	east ~2' wide and 18" deep. Stockpile material in the ERRG lay down area and	ERRG	3	Equipment Operators	30
	cover with poly.	ERRG	3	Truck Drivers	30
		ERRG	1	Laborer	10
		Jericho	4	Marine Sub	40

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	154
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	13611
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13765

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, equipment inspections	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
06		Select Fill (148 loads)

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	4K water truck - 1ea	8
	Harris Blade	D6R Bulldozer-1ea	10
	Harris Blade	815 Compactor	10
	United Rentals	25 KW Generators - 2ea	48
	Rental Solutions	25KW Generator - 1ea	12
	SCS Tracer	Air Monitoring skids	48
	Harris Blade	980 Loader	10
	ERRG	JD 310 Backhoe	3

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/23/10 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	23/DEC/10
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF
REPORT NO	102 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy,cool
PM WEATHER	Cloudy,cool
MAX TEMP (F)	58
MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
	Harris Blade	35 ton Articulated dump trucks (3ea)	30

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/23/10 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: Hunters Point Shipyard CONTRACT # N64273-09-D-2608

DATE 12/23/10 TIME 0700 PROJECT NUMBER 29-141

CLIENT Department of the Navy

SPECIFIC LOCATION DRY DOCK #3 to IR-07+18, PARCEL B

TYPE OF WORK HAULING SELECT FILL TO SITE FROM BARGE SLIP.

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, WET, EQUIPMENT, TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Hardhat, safety glasses w/side shields, reflective safety vest, shirt with sleeves, long pants, steel-toed work boots. Gloves and PFD (personal flotation device) as necessary.

CHEMICAL HAZARDS Potential for low level radiation

PHYSICAL HAZARDS MUD, WET, EQUIPMENT,

EMERGENCY PROCEDURES Employee to report any injury to Supervisor; Supervisor notify SSHO

HOSPITAL/CLINIC St. Lukes Hospital PHONE 911/ 415-641-6625(ER) PARAMEDIC PHONE 911

HOSPITAL ADDRESS 3555 Cesar Chavez, San Francisco, CA 941124

SPECIAL EQUIPMENT None

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Jack Thomas	ERRG	[signature]
Kenny Phillips	Harris	[signature]
Fernando Loza	ERRG	[signature]
Rafael Loza	ERRG	[signature]
Liz Glanning	ERRG	[signature]
Roberto Hyndem	ERRG	[signature]
Vilianne Celei	ERRG	[signature]
[illegible] Orozco	ERRG	[signature]
William Schmidt	ERRG	[signature]
Th Appel	ERRG	[signature]
Shirley Ng	ROCC	[signature]

Health & Safety Officer DICK EPP

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

DAILY FIELD ACTIVITY LOG

RG

Prepared by:	Richard Epp	Client:	Dept of the Navy
Day:	THURSDAY	Date:	12/23/10
Project Name:	HPS Remediation Sites 7-18 Parcel B, Hotspots	Project No.:	29-141
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	See Tailgate Sign In Log.		

Description of Field Activities:

0700 SAFETY TAILGATE - WET, MUD, EQUIPMENT

HAULING SELECT FILL FROM DRYDECK #3 TO IR-07+18, PARCEL B.

EXPANDED EXCAVATION OF HOT SPOT B2436.

EQUIPMENT IN USE - 3 OFF-ROAD DUMP TRUCKS, BULLDOZER, COMPACTOR, LOADER.

Signed: [signature] Date: 12/23/10

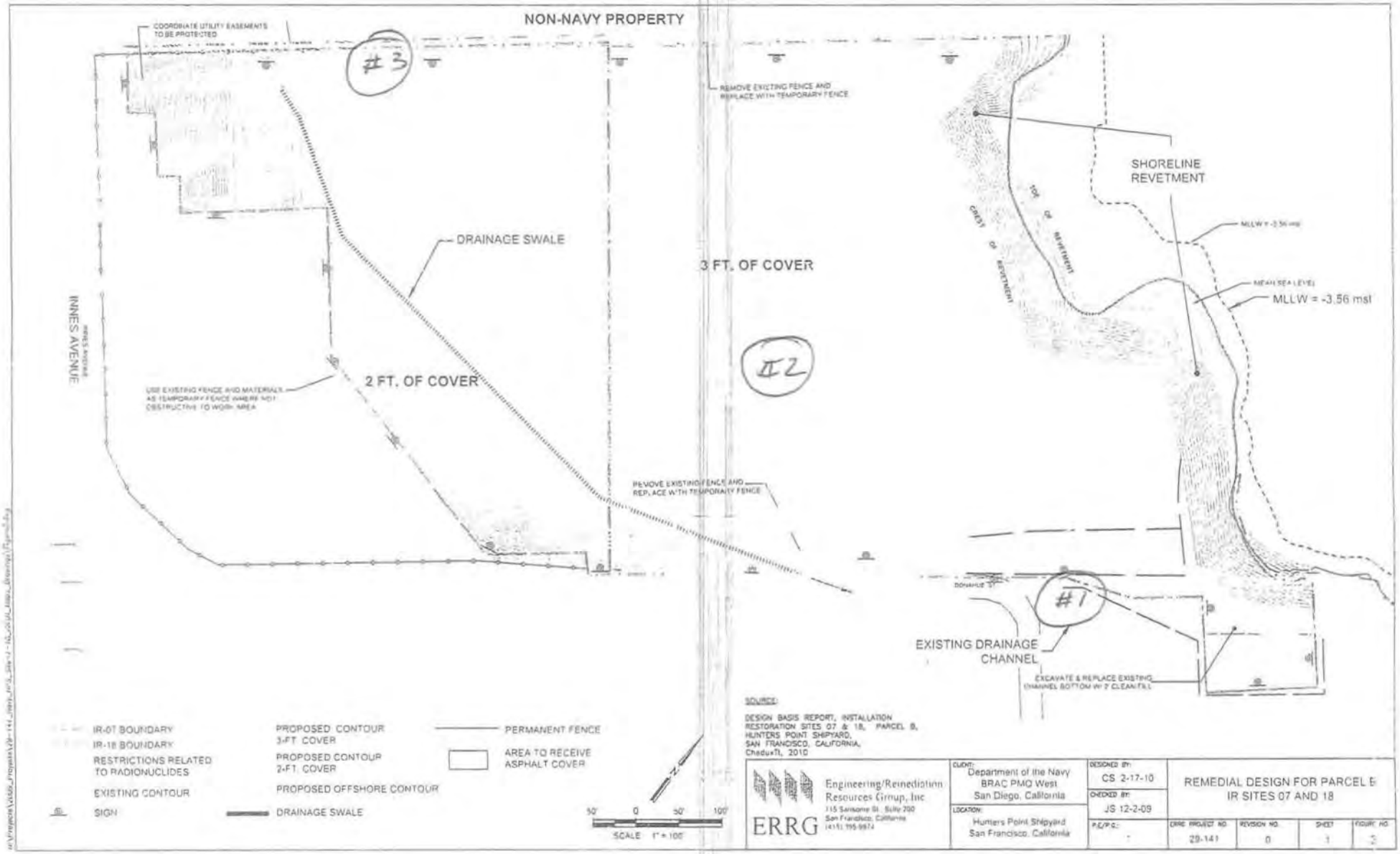
AIR MONITORING LOG SHEET

ERRG

Prepared by: PICK OPP
Project Name: RESTORATION IR-07 & 18, PARCEL B
Site Location: HPS
Calibration (Date and Time):

Client: US NAVY
Project No.: 29-141
Page: 1 of 1
Standard Used: AIR BAG

Location	Date	Time	Instrument CONC ~~PID~~	Instrument TWA ~~DataRAM~~	Comments
#3	12/23/10	0749	0.023	0.029	
#2		0800	0.015	0.027	
#1		0803	0.037	0.034	
#1		0855	0.023	0.025	
#2		0903	0.038	0.026	
#1		1037	0.018	0.021	
#2		1040	0.044	0.036	
#1		1248	0.018	0.020	
#2		1252	0.024	0.036	



SOURCE:

DESIGN BASIS REPORT, INSTALLATION RESTORATION SITES 07 & 18, PARCEL B, HUNTERS POINT SHIPYARD, SAN FRANCISCO, CALIFORNIA, CheduxTI, 2010

ERRG Engineering/Remediation Resources Group, Inc. 115 Sansome St. Suite 200 San Francisco, California (415) 195-9974	CLIENT: Department of the Navy BRAC PMO West San Diego, California	DESIGNED BY: CS 2-17-10	REMEDIAL DESIGN FOR PARCEL B IR SITES 07 AND 18			
	LOCATION: Hunters Point Shipyard San Francisco, California	CHECKED BY: JS 12-2-09				
		P.E./P.G.: -	ERRG PROJECT NO. 29-141	REVISION NO. 0	SHEET 1	FIGURE NO. 2

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: _____ **Identification Number:** EB3W66

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	12-23-10 RA															
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: VOLVO 35 D DUMP TRUCK **Identification Number:** DA3B73

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 12-23-10															
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: STEPS DAMAGED ON RIGHT SIDE
DOOR GLASS BROKEN

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: OF ROAD ADD **Identification Number:** DK6L93

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	~~[illegible]~~
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: off road truck **Identification Number:** DP3M46

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	thursday 12-23-10 RL															
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Loader **Identification Number:** SU8F55

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	12/23/10 Thursday															
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: D6R **Identification Number:** X36J77

Project Number / Name: 29-141, HPNS IRO7/18 Parcel B Cover & Revetment **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	
Tracks	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Steps and handgrips	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Seat belt operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken:

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 23/DEC/10

REPORT NO 102

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at IR-07 & -18 at Parcel B; Soil Hotspot Locations at Parcels B, D-1, and G; and Soil Stockpiles at Parcels D-1 and G, HPS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
06	Continued importing soil from Decker Island Aggregates (DIA) source by barge. Belly dumps looping between the barge in the dry dock and IR-07
	& -18 with loads of cover soil. Continued placing and compacting first lift of DIA material on the central portion of the site. Continued spreading first
	lift onto the southwestern slope of IR-18. Subsurface soils are still saturated. Working on checking all BMPs and winterization due to wet weather.
09	Excavated additional 5-foot step out on northeast side of B3426 due to elevated concentrations of lead in the confirmation samples. Excavation
	now extends to the building foundation.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Elizabeth Binning — AUTHORIZED QC MANAGER AT SITE

12/23/10 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Cover Installation

Date: 12/23/2010
Inspector: Elizabeth Binning
Location: HPS IR Sites 07 and 18 at Parcel B & soil hot spots at Parcels B, D-1, and G

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for demarcation geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the Borrow Source Assessment Report been approved at least 15 days prior to select fill placement?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				To be performed prior to geotextile installation.
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**	**X**			
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer?	**Initial**	**X**			
Have all well extension materials been deliver materials in an undamaged condition	**Initial**				To be performed prior to well installation.
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings?	**Follow up**				
Have the soil cover been constructed with the lift thicknesses described in the specifications?	**Follow up**				
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts?	**Follow up**				
Has compaction been a minimum of 2 passes over all areas?	**Follow up**				
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed?	**Follow up**				
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed?	**Follow up**				
Have compaction test results shall be compared with the results obtained during the borrow source assessment for consistency?	**Follow up**				
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed?	**Follow up**				
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests?	**Follow up**				
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed?	**Follow up**				
Are retests located within 10 feet of the previous test location	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**				
Has soil been prevented from being dropped directly onto geosynthetics from a height greater than 3 feet.	**Follow up**				
Has select fill been pushed out over geosynthetics in an upward tumbling motion so that wrinkles in geosynthetics do not fold over?	**Follow up**				
Has select fill be placed from the bottom of the slope upward over geosythetics?	**Follow up**				
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**				
Have geotextiles been secured to prevent movement prior to placement of revetment materials through use of pins, staples, sand bags, or stone?	**Follow up**				
Have the securing pins been inserted at the frequency shown in the specifications?	**Follow up**				
Have the strips been placed to provide a minimum overlap width as shown on the design drawings for each joint of the demarcation geotextile?	**Follow up**				
Has the geotextile been protected from damage prior to and during soil placement?	**Follow up**				
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				
Has the demarcation tape been installed in the grid pattern at the frequency shown on the design drawings?	**Follow up**				
Have all surplus materials or other non-suitable material, including brush, refuse, stumps, roots, and timber been disposed of in an appropriate off-site disposal facility?	**Follow up**	**X**			
Has all organic debris hauled off base been recycled at a local composting facility?	**Follow up**				
Has the generation of waste, inorganic trash, or debris been minimized whenever possible?	**Follow up**	**X**			
Have environmental controls been maintained throughout construction, even during gaps in work?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Has the collection and disposal methods of surface water encountered during construction been provided?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Have storm drainage features been established for rain events during construction?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Has the site been graded to surface water runoff away from the construction activity or provide temporary ditches, swales, and other drainage features and equipment as required to maintain dry soils?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Have erosion rills or other damage that occurs been documented (including location and volume of soil affected, corrective action taken, and results of retests), repaired, and grades re-established?	**Follow up**	**X**			Stormwater controls rechecked on 12/16/2010 in anticipation of winterization.
Has a field geologist inspected all material and equipment to be used in well extension for conformance with the specifications?	**Follow up**				
Have all well materials been stored and maintained in a clean, uncontaminated condition throughout the course of the project?	**Follow up**				
Have all monitoring wells been extended as shown on the design drawings?	**Follow up**				
Have all monitoring probes been extended as shown on the design drawings?	**Follow up**				
Has care been taken during construction to prevent contamination of the interior of the extended wells and probes from any solvents or other chemicals being used?	**Follow up**				
Receivables					
Material properties sheet		**X**			

Requirement	Phase	Yes	No	N/A	Comments
Manufacturers QC Manual				X	
QC Certification		X			
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		X			
Calibration					

QC Manager: Elizabeth Binning	Date: 12/23/2010

Photo 1: Cover Installation – Spreading and compaction of soil from the Decker Island backfill source.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 23, 2010

Photo 2: Cover Installation – Spread and compacted soil in IR-07. Due to wet weather, soil is above the optimum moisture content and will need to dry out in order to meet compaction requirements.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 23, 2010

Continue

Photo 3: Cover Installation – Spreading of soil from the Decker Island backfill source onto the southwest slope.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 23, 2010

Photo 4: Hotspot Excavation and Backfill at Parcels B, D-1, and G – Excavation of additional 5-foot step out on northeast side of B3426 in Parcel B, extending the excavation to the building foundation.

HPS Parcel B IR Sites 07 and 18 Remedial Action, San Francisco, California

Photographed by: Elizabeth Binning (ERRG, Inc.) Date: December 23, 2010