CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 11/02/13

REPORT NO 061

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Completed placement of 4-inch think layer of aggregate base course in the previous excavation areas and trenches within the foundation of Building
	130. Installed a 2-inch thick asphalt pavement cover on top of the aggregate base course in the previous excavation areas and trenches within
	the foundation of Building 130. Continued cleaning the floor slab inside Building 128.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration 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
02	Conducted site walk with a shoring company (Vortex) to plan excavation of the shoreline TPH area.

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

02/11/13 — 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)

Building Foundation Inspection and Restoration

Date: 02/11/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			Completed patching of excavation areas in Bldg 130 by paving with asphalt concrete
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed asphalt concrete in accordance with spec section 32 10 00
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed asphalt concrete in accordance with spec section 32 10 00
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**	**X**			Placed asphalt concrete in accordance with spec section 32 10 00
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 02/11/13

Photo 1: Building Foundation Inspection and Restoration – Asphalt pavement cover installed over the previous excavation area at center of Building 130
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 11, 2013

Photo 2: Building Foundation Inspection and Restoration – Asphalt pavement cover installed over trench in the center of Building 130
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 11, 2013

Photo 3: Building Foundation Inspection and Restoration – Asphalt pavement cover installed over previous excavation area at the southeast end of Building 130
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 8, 2013

Photo 4: Building Foundation Inspection and Restoration – Asphalt pavement cover installed over the two previous excavation areas on the southwest side of Building 130
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 11, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	12/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	062		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Fog/Cold	PM WEATHER	Mostly Sunny/Mild
MAX TEMP (F)	63	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03,06	Conduct tailgate safety meeting, review AHA for building interiors, Mob and	ERRG	1	Superintendent	10
	SVE system sampling	ERRG	1	Construction Manager	2
		ERRG	1	Project Manager	0
03	Crew begin working inside building 113 removing material from the trench and	ERRG	1	QC Manager	0
	excavation areas to -6" and preparing them for asphalt placement.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
03	Site walk with a second shoring contractor at the TPH area.	ERRG	5	Equipment Operators	10
		ERRG	7	Laborers	43
06	ERRG Sample Technicians on site today to do background sampling for VOC's	ERRG	6	SVE System Sample Techs	48
	from the SVE wells.				

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	141
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7955.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	8096.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal and demobilization (keel block moving), pre-use equipment inspections being conducted.

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	0
03	ERRG	Freightliner 2000 gallon water truck	2
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	0
01	Hertz	JCB Vertical mast 8K forklift	0

Schedule Activity No.	REMARKS
	Weekly QC meeting with the Navy today, Peter Stroganoff (ROICC), Doug DeLong (CSO) and Andy Uehisa (ROICC) and ERRG supervisory staff, Health and Safety, and QC
	Staff @ 1100.
	Site walk with Blue Iron (shoring sub contractor) today @0800

James Nores 02/12/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	12/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	062 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Fog/Cold
PM WEATHER	Mostly Sunny/Mild
MAX TEMP (F)	63
MIN TEMP (F)	46

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
	United Rentals	Bomag 3 ton double smooth drum roller	
	ERRG	JD 210 Skip Loader	6
	ERRG	JD 310 Backhoe	2

Schedule Activity No.	REMARKS

James Nores 02/12/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/12/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CUTTING TREES; INCINERATOR, PROP FLOORS FOR REPAIRS, SVE SYSTEM MONITORING, ELECTRICIAN CHECKING OVERHEAD LINES

SAFETY TOPICS PRESENTED

SAFETY TOPICS STYE, RODENTS, FRAGILE FLOOR COVERS, EQUIPMENT, CHAINSAW

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed, CHAPS, EAR MUFFS + FACE SHIELD

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Brian Kerr	ERRG	
Paul Rodriguez	ERRG	
Fernando Lara	ERRG	
Enrique Martinez	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
Mike Bagley	ERRG	
Michael Friedman	ERRG	
Sullivan Lee	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
BRI FOSTER	ERRG	
Spencer Johnson	ERRG	
TJ [illegible]	ERRG	
Tony Green	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 9 #3 CLEARING + GROUNDING BLDG. FDN. RESTORATION #16 SVE SYSTEM MONITORING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/12/13 @0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	2/12/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Paul Rodriguez	[signature]	2/12/13 0700
	Brian Kerr	[signature]	2/12/13 0700
	Fernando Leza	[signature]	2/12/13 0700
	ENRIQUE MARTINEZ	[signature]	2-12-13 - 0700
	King [illegible]	[signature]	2-12-13 0700
	Boris [illegible]	[signature]	2-12-13 0700
	Mike Babst	[signature]	2-12-13 0700
	BRI FOSTER	[signature]	12FEB2013
	Sullivan Lee	[signature]	2/12/13 0700
	Michael FRIEDMAN	[signature]	2/12/13 0700
	DAVID T. BEHNKEN	[signature]	2/12/13 0705
	J. Gerrid	[signature]	2/12/13 0700
	T. Angus	[signature]	2/12/13 0700
	Spencer Johnson	[signature]	2/12/13 0700

EPPC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	2/12/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	of
Site Visitors:	CHRIS DELLARINGA - BLUE IRON; PETER STROGANOFF, ANDY VEHISA + DOUG DELONG - US NAVY		

Description of Field Activities:

BEGAN FLOOR REPAIR PREP IN BLDG 113.

PURGING SVE SYSTEM WELLS, BACKGROUND TESTING

EQUIPMENT: SKIP LOADER, BACKHOE, JUMPING JACK

Signed: [signature] Date:

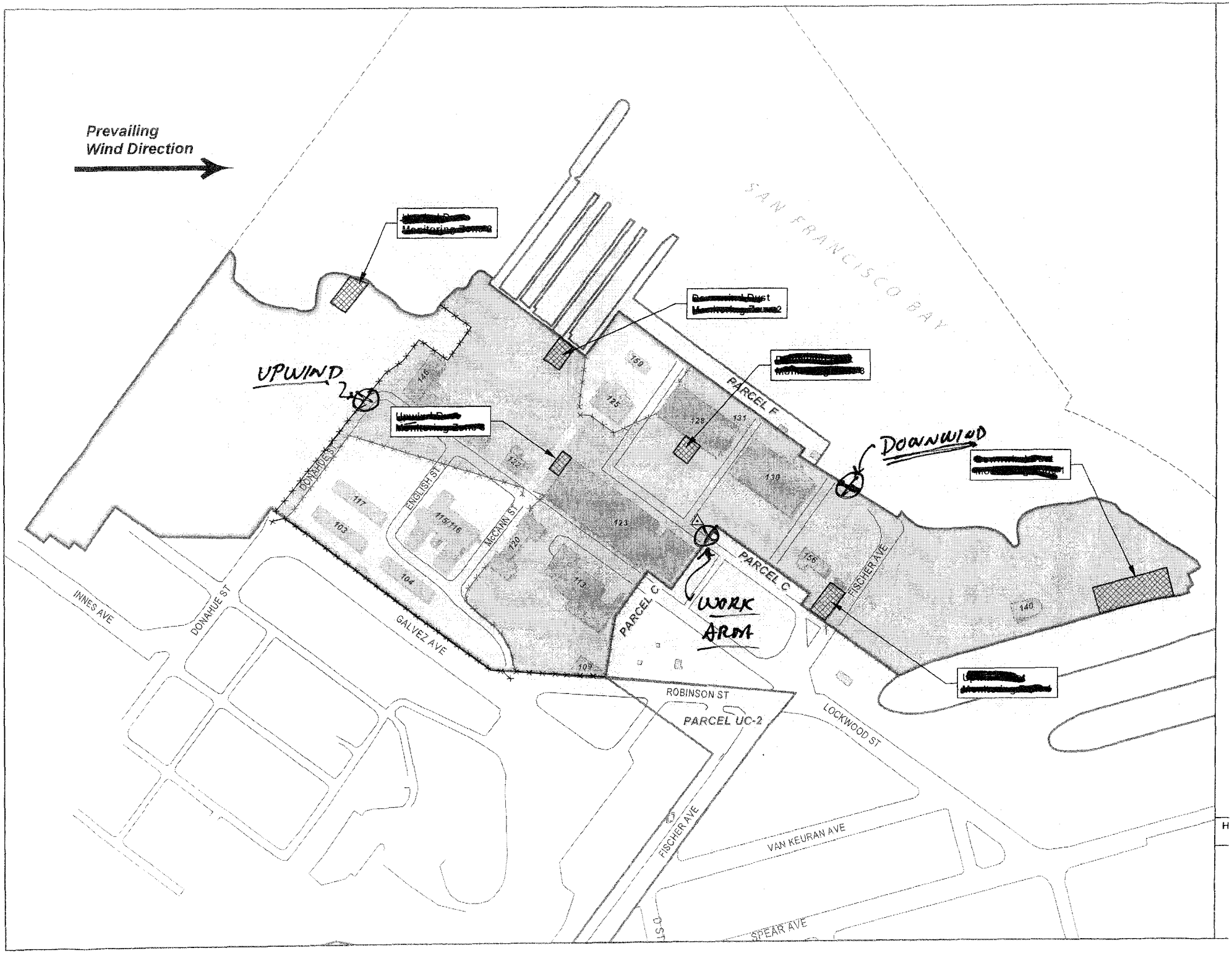
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DOWNHUE ST.	2/12/13	~~[illegible]~~ 0733	0.025	0.030	
METER # 1161		0930	0.060	0.035	
		1342	0.060	0.041	
		1341	0.062	0.044	
		1440	0.065	0.047	
WORK AREA FENCE BETWEEN	2/12/13	0737	0.041	0.043	
PARCEL B+C # 1008		0855	0.041	0.035	
		0948	0.047	0.043	
		1245	0.038	0.040	
		1344	0.039	0.040	
		1443	0.026	0.039	
DOWNWIND SHORELINE	2/12/13	0739	0.025	0.025	
METER # 10973		0945	0.051	0.028	
		1247	0.017	0.031	
		1346	0.018	0.029	
		1445	0.013	0.023	



Prevailing
Wind Direction
SAN FRANCISCO BAY
UPWIND
DOWNWIND
WORK
AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
130
122
123
120
113
117
103
104
109
156
140
115/116

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 12/02/13

REPORT NO 062

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Cleaned the floor slab inside Building 113 and Building 113A. Inspected the foundations of Building 113 and Building 113A and documented the
	areas requiring repair. Removed the top 6-inches of soil from the previous excavation areas and trenches within the foundation of Building 113A,
	and compacted the subgrade to prepare for paving. Began removing the top 6-inches of soil from trenches within Building 113.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
06	Began collecting soil vapor samples from the vapor monitoring wells located in Building 123 as part of the baseline soil vapor monitoring event.

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
03	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Andrew Uehisa), Navy CSO (Douglas Delong), ERRG QCM Alternate
	(Spencer Johnson), ERRG Superintendent (James Nores), and ERRG SSHO (Richard Epp).
02	Conducted site walk with a shoring company (Blue Iron) to plan excavation of the shoreline TPH area.

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

02/12/13 — 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)

Building Foundation Inspection and Restoration

Date: 02/12/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Removed top 6” of fill material from excavation areas and trenches in Bldg 113
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 02/12/13

Photo 1: Building Foundation Inspection and Restoration – Removal of the top 6-inches of soil from previous trench within the foundation of Building 113A

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 12, 2013

Photo 2: Building Foundation Inspection and Restoration –Previous trenches and excavation areas inside Building 113A after removal of top 6-inches of soil

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 12, 2013

Photo 3: Building Foundation Inspection and Restoration – Previous trenches inside Building 113A after removal of top 6-inches of soil

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 12, 2013

Photo 4: Building Foundation Inspection and Restoration – Removal of top 6-inches of soil from previous trenches in the foundation of Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 12, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	063		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Fog/Cold	PM WEATHER	Mostly Sunny/Mild
MAX TEMP (F)	63	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03,06	Conduct tailgate safety meeting, review AHA for building interiors, Mob and	ERRG	1	Superintendent	10
	SVE system sampling.	ERRG	1	Construction Manager	0
		ERRG	1	Project Manager	0
03	Crew continue working inside building 113 removing material from the trench	ERRG	1	QC Manager	10
	and excavation areas to -6" and preparing them for asphalt placement.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Crew continue placing keel blocks in building 123 transformer room.	ERRG	3	Equipment Operators	14
		ERRG	6	Laborers	38
06	ERRG Sample Technicians on site today to do background sampling for VOC's	ERRG	5	SVE System Sample Techs	40
	from the SVE wells.				

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: 140
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: 8096.5
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: 8236.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, SVE sampling and demobilization (keel block moving), pre-use equipment inspections being conducted.	

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	2
01	ERRG	JLG Skytrak 8K reach forklift	8
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	0
01	Hertz	JCB Vertical mast 8K forklift	2

Schedule Activity No.	REMARKS

James Nores 02/13/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	063 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Fog/Cold
PM WEATHER	Mostly Sunny/Mild
MAX TEMP (F)	63
MIN TEMP (F)	46

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
03	United Rentals	Bomag 3 ton double smooth drum roller	0
03	ERRG	JD 210 Skip Loader	4
03	ERRG	JD 310 Backhoe	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

02/13/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/13/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK PREP FLOORS FOR REPAIR, CUT TREES, TEST SUB SYSTEM, TRANSPORT & STACK KEEL BLOCKS

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST&F, HEARING PROTECTION, EQUIPMENT, FALLING LIMBS & POLE SECTIONS, PPE, BROWN PLUGS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., SAFETY GLASSES CHAIN SAW – CHAPS, FACE SHIELD

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Toney Green	ERRG	[signature]
Blankem	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Fernando Lozo	ERRG	[signature]
[illegible]	[illegible]	[signature]
Boris	[illegible]	[signature]
Sullivan Lee	ERRG	[signature]
Tiffany Angus	ERRG	[signature]
Mike Babel	ERRG	[signature]
BRI FOSTER	ERRG	[signature]
J. Creed	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
[illegible] Fehnken	ERRG	[signature]
Spencer Blomash	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#1 MOB + SITE PREP (KOEL BLOCKS)

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

2012-037.

Project #: [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: # 3 CLEARING + GRUBBING
9 BLDG. FDN. RESTORATION
16 SVE SYSTEM MONITORING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/13/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	2/13/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	2/13/13 0700
Employee(s):	Torey Green	[signature]	2-13-13 0700
	Brian Kerr	[signature]	2-13-13 0700
	ENRIQUE MARTINEZ	[signature]	2-13-13 0700
	Fernando Lote	[signature]	2-13-13 @ 0700
	Paul Rodriguez	[signature]	2-13-13 0700
	Boris P	[signature]	2-13-13 0700
	Sullivan Lee	[signature]	2/13/13 0700
	Mike Bubsch	[signature]	2/13/13 0700
	BRI FOSTER	[signature]	13 FEB 13 / 0700
	S. Gorski	[signature]	2/13/13
	[illegible] ZANKEN	[signature]	2/13/13
	Spencer Johnson	[signature]	2/13/13 0700
	T. Angus	[signature]	2/13/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	2/13/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG, CLEARING	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

TESTING SVE SYSTEM

RELOCATING TEMP. FENCING TO PHASE 2 CONFIGURATION

CONTINUE FLOOR PREP IN BLDG. 113

TRANSPORTING & STACKING KEEL BLOCKS INTO BLDG 123

EQUIPMENT: BACKHOE, 2 FORKLIFTS, WATER TRUCK, KUBOTA, AERIAL LIFT

Signed: [signature] Date: 2/13/13

ERRG

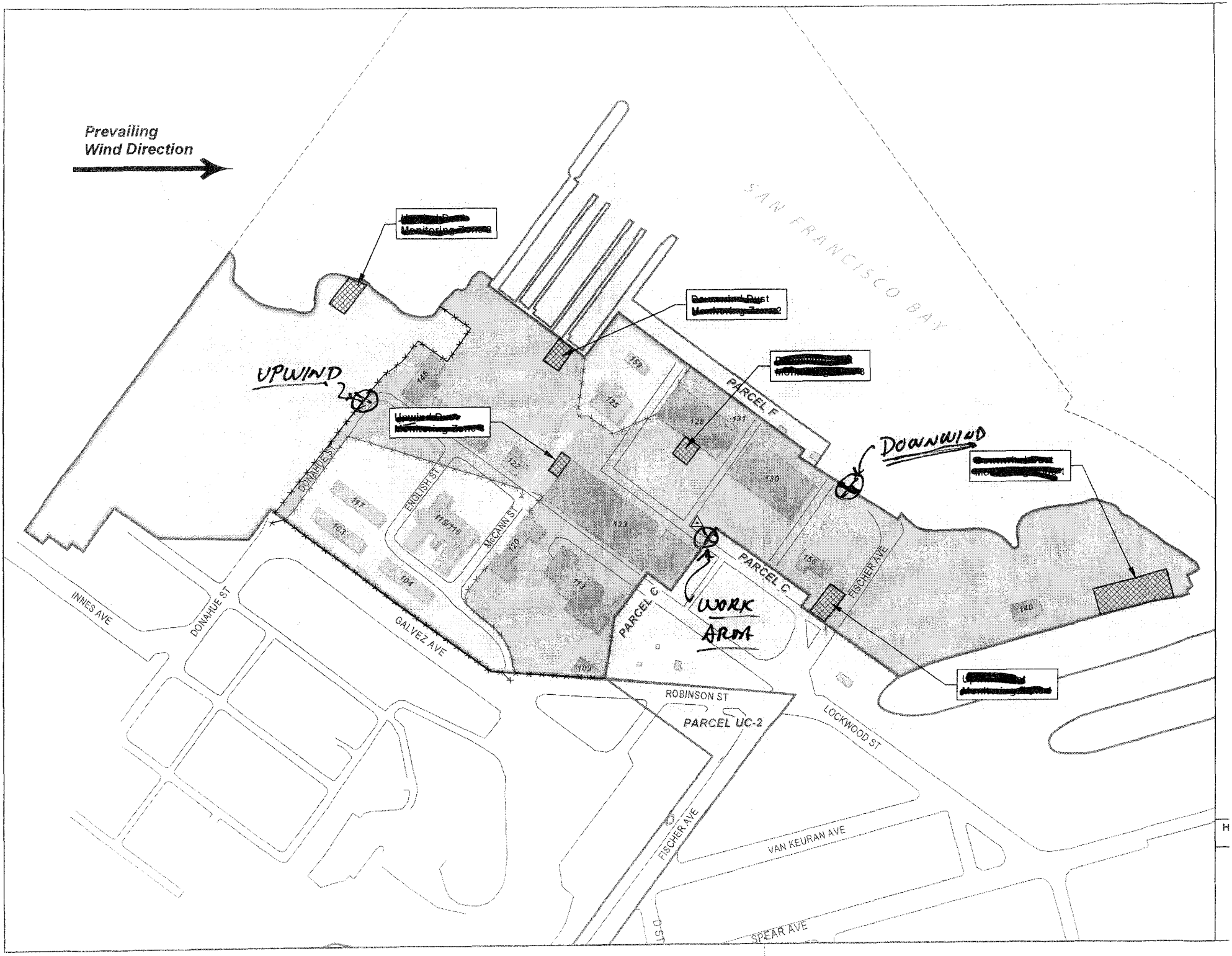
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Downtown St.	2/13/13	0725	0.002	0.004	
METER # 1161		0835	0.000	0.000	
		1015	0.007	0.000	
		1301	0.050	0.033	
		1412	0.071	0.038	
WORK AREA Fence Boundary	2/13/13	0729	0.033	0.035	
PARCEL B+C # 1008		0825	0.038	0.044	
		1025	0.049	0.045	
		1305	0.067	0.060	
		1415	0.057	0.064	
DOWNWIND Shoreline		0732	0.038	0.042	
METER # 10973		0831	0.052	0.057	
		1027	0.061	0.057	
		1307	0.054	0.056	
		1417	0.062	0.054	



Prevailing
Wind Direction
SAN FRANCISCO BAY
UPWIND
DOWNWIND
WORK
AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
FISCHER AVE
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/02/13

REPORT NO 063

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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
01	Continued moving keel blocks into the transformer room of Building 123 for storage.
03	Compacted the subgrade in the previous excavation areas and trenches within the foundation of Building 113A; placed and compacted a
	4-inch layer of aggregate base course on top of the subgrade in the excavations and trenches in Building 113A. Continued removing the top 6-inches of
	soil and compacting the subgrade in the trenches within Building 113. Started placing aggregate base course in the trenches in Building 113.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
06	Continued collecting soil vapor samples from the vapor monitoring wells located in Building 123 as part of the baseline soil vapor monitoring event.

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

02/13/13 — 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)

Building Foundation Inspection and Restoration

Date: 02/13/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed and compacted 4" layer of AB in trenches in Bldgs 113 and 113A
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 02/13/13

Photo 1: Mobilization and Site Preparation – Keel blocks moved into the transformer room of Building 123 for storage

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 13, 2013

Photo 2: Building Foundation Inspection and Restoration –Compacted 4-inch layer of aggregate base placed in previously excavated trench inside Building 113A

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 13, 2013

Photo 3: Building Foundation Inspection and Restoration – Compacted 4-inch layer of aggregate base placed in previously excavated trenches inside Building 113A

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 13, 2013

Photo 4: Building Foundation Inspection and Restoration – Compacted subgrade in previously excavated trenches in the foundation of Building 113 after removal of top 6-inches of soil

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 13, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	064		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Fog/Cold	PM WEATHER	Mostly Sunny/Mild
MAX TEMP (F)	63	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03,06	Conduct tailgate safety meeting, review AHA for building interiors, Mob and	ERRG	1	Superintendent	10
	SVE system sampling.	ERRG	1	Construction Manager	2
04	Crew continue with tree/veg removal along the phase 2 alignment.	ERRG	1	Project Manager	0
03	Crew continue working inside building 113 removing material from the trench	ERRG	1	QC Manager	10
	and excavation areas to -6" and preparing them for asphalt placement.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Crew continue placing keel blocks in building 123 transformer room.	ERRG	3	Equipment Operators	20
		ERRG	5	Laborers	36
06	ERRG Sample Technicians on site today to finish up the background sampling	ERRG	2	SVE System Sample Techs	4
	from the SVE wells.				

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	110
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8236.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	8346.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, SVE sampling and demobilization (keel block moving), pre-use equipment inspections being conducted.

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		Cat 735 haul truck
03		Bobcat skidsteer loader

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	2
01	ERRG	JLG Skytrak 8K reach forklift	8
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlft	3
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	2

Schedule Activity No.	REMARKS
	Tenant artist in building 116 came out and expressed concerns about our tree removal along the phase 2 alignment. We marked the trees that were identified to not be removed
	during the contractor integration meeting prior to mobilization. She didn't understand why we were removing Redwood trees. ERRG QC Manager contacted the ERRG PM who
	instructed us not to remove Redwood trees. ERRG QC Manager also contacted the Navy ROICC Peter Stroganoff and informed him of the interaction.

James Nores 02/14/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	064 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Fog/Cold
PM WEATHER	Mostly Sunny/Mild
MAX TEMP (F)	63
MIN TEMP (F)	46

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
	United Rentals	Bomag 3 ton double smooth drum roller	0
	ERRG	JD 210 Skip Loader	4
	ERRG	JD 310 Backhoe	4
	Harris Blade	Cat 735 haul truck	0
	Hertz	Bobcat skidsteer loader	2

Schedule Activity No.	REMARKS

James Nores 02/14/13

CONTRACTOR/SUPERINTENDENT DATE

RRG

TAILGATE SAFETY MEETING

TE LOCATION: HPNS CONTRACT # N62473-09-D-2608

ATE 2/14/13 TIME 0700 PROJECT NUMBER 2012-037

IENT Department of the Navy

ECIFIC LOCATION Parcel B

PE OF WORK STACKING KEEL BLOCKS, PREPPING FLOOR FOR PINING, CUTTING TREES, SVE SYSTEM PURGE

SAFETY TOPICS PRESENTED

AFETY TOPICS ST+F, BROKEN BLOCKS FALLING, LIMBS FALLING, EQUIPMENT

ROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., HEARING PROT. CHAINSAW – CHAPS + FACE SHIELD

SUED LPO CARDS: _____ Yes _____ No

HEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

HYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

IOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

MERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

OSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

PECIAL EQUIPMENT

OTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Fernando Lara	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
[illegible] BENNIKEN	ERRG	[signature]
Mike Babst	ERRG	[signature]
[illegible]	" "	[signature]
[illegible]	ERRG	[signature]
Joe [illegible]	ERRG	[signature]
Spencer Glanagh	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#1 MOB + SITE PREP (KOEL BLOCKS)

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #3 CLEARING + GRUBBING
9 BLDG FDN. RESTORATION
#16 SUE SYSTEM

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/14/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	2/14/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	2/14/13 0700
Employee(s):	[illegible]	[signature]	2-14-13 0700
	Toney Green	[signature]	2-14-13 0700
	Brian Kerr	[signature]	2-14-13 0700
	Paul Rodriguez	[signature]	2-14-13 0700
	Fernando Lea	[signature]	2-14-13 0700
	ENRIQUE MARTINEZ	[signature]	2-14-13-0700
	Spencer Johnson	[signature]	2/14/13 0700
	DAVID BEANKEN	[signature]	2/14/13 0700
	Mike Bobst	[signature]	2/14/13 0700
	Boris	[signature]	2/14/13 0700
	J. Argo	[signature]	2/14/13 0700
	J. Grosch	[signature]	2/14/13

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	2/14/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOGGY, CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

PROPPING FLOOR IN BLDG. 113 FOR REPAIRS.

CLEARING TREES ALONG DONAHUE ST. & GALVEZ ST. TO ARTIST DRIVEWAY.

TRANSPORTING KEEL BLOCKS & STACKING IN BLDG 123. TRANSFORMER ROOM FILLED.

SVE SYSTEM SAMPLING.

EQUIPMENT: EXCAVATOR, SKID LOADER, FORK LIFT, WATER TRUCK, JUMPING JACK & VIB. PLATES, 2 KUBOTAS, ROLLER, AERIAL LIFT

Signed: [signature] Date: 2/14/13

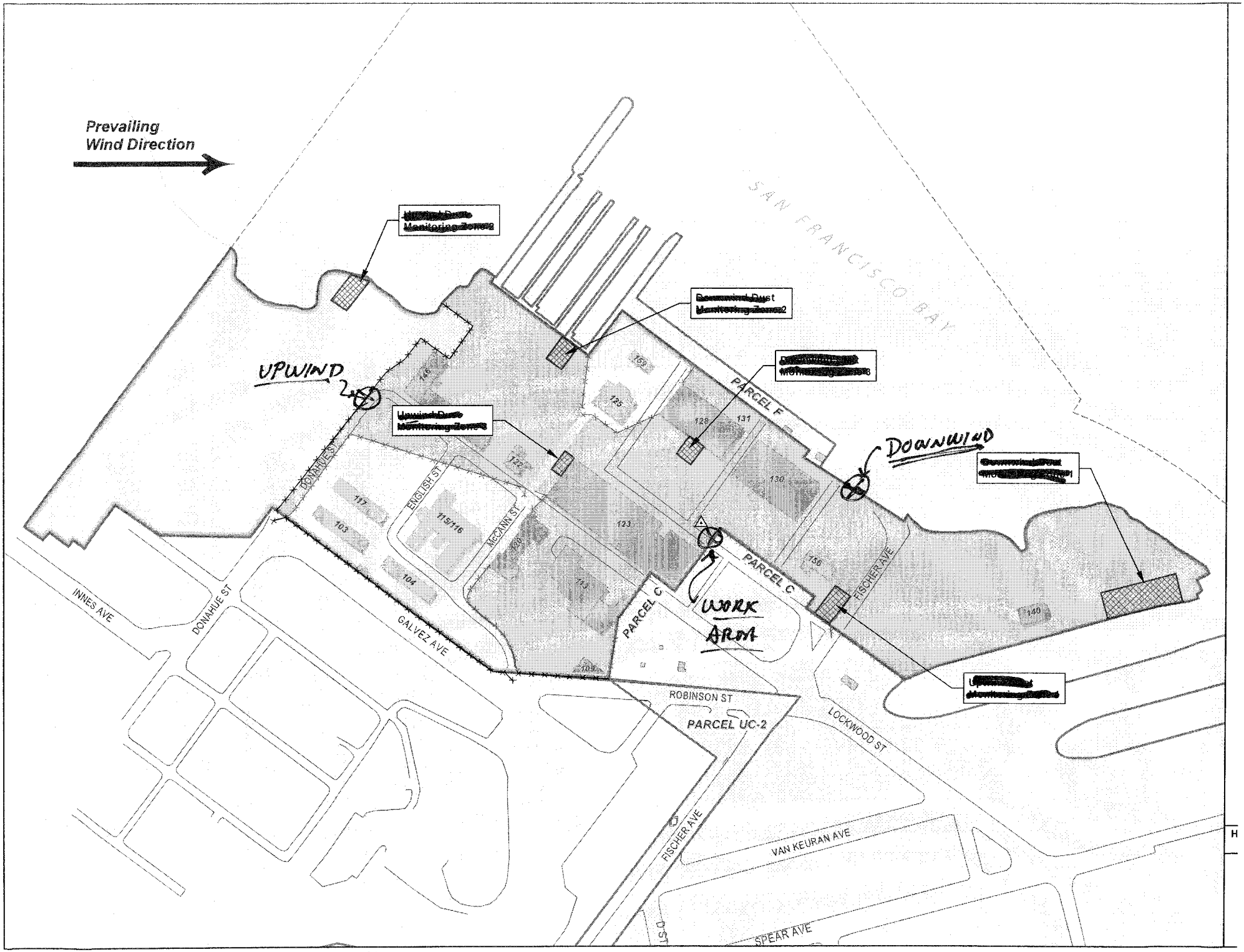
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	___ of ___
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DOWNWIND ST. METER # 1181	2/14/13	0723	0.000	0.000	
		0932	0.053	0.026	
		1144	0.062	0.044	
		1337	0.042	0.049	
		1434	0.052	0.052	
WORK AREA FENCE BOTTOM PARCEL B+C # 1008	2/14/13	0728	0.006	0.012	
		0958	0.046	0.032	
		1147	0.053	0.047	
		1340	—	—	DEAD
		1345	0.034	0.033	REPL BATTERY
		1436	0.046	0.042	
DOWNWIND SHORELINE METER # 10973		0730	0.019	0.020	
		0959	0.042	0.024	
		1149	0.031	0.032	
		1342	0.011	0.029	
		1438	0.013	0.027	



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CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 14/02/13

REPORT NO 064

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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
01	Continued moving keel blocks into the transformer room of Building 123 for storage.
03	Compacted the subgrade in the trenches at the southeast end and the trench in the center of the foundation of Building 113. Placed and compacted
	a 4-inch layer of aggregate base course on top of the subgrade in the trenches at the southeast end and the trench in the center of the foundation
	of Building 113. Completed sealing the small holes in the foundation of Building 113A by patching with grout.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
04	Continued cutting trees and removing vegetation from the soil cover area on the slope adjacent to Galvez Ave and Robinson St.
06	Continued collecting soil vapor samples from the vapor monitoring wells located in Building 123 as part of the baseline soil vapor monitoring event.

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	During tree removal work in the soil cover area adjacent to Building 116, tenant of occupied building expressed concerned about ERRG
	planning to remove redwood trees that had not been specifically designated to remain per the Tree Removal Plan. ERRG PM instructed
	crew not to remove these trees.

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.

Spencer Slominski — 02/14/13

AUTHORIZED QC MANAGER AT SITE — 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)

Building Foundation Inspection and Restoration

Date: 02/14/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			Patched holes in foundation of Bldg 113A
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed and compacted 4" layer of AB in trenches in Bldgs 113 and 113A
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**	**X**			
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 02/14/13

Photo 1: Building Foundation Inspection and Restoration – Compacted subgrade in previously excavated trenches inside Building 113 after removal of top 6-inches of soil
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 14, 2013

Photo 2: Building Foundation Inspection and Restoration –Compacted 4-inch layer of aggregate base placed in previously excavated trenches inside Building 113
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 14, 2013

Photo 3: Building Foundation Inspection and Restoration – Compacted 4-inch layer of aggregate base placed in previously excavated trenches inside Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 13, 2013

Photo 4: Building Foundation Inspection and Restoration – Floor drain inside Building 113A sealed with grout patch

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 14, 2013

Photo 5: Soil Cover Installation – Clearing vegetation from the slope between Building 113 and Robinson Street

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 14, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	065		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Sunny/Mild
MAX TEMP (F)	63	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03,06	Conduct tailgate safety meeting, review AHA for building interiors, Mob and	ERRG	1	Superintendent	10
	SVE system sampling.	ERRG	1	Construction Manager	2
04	Crew continue with tree/veg removal along the phase 2 alignment.	ERRG	1	Project Manager	2
03	Crew continue working inside building 113 removing material from the trench	ERRG	1	QC Manager	10
	and excavation areas to -6" and preparing them for asphalt placement.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Crew continue placing keel blocks in building 123 transformer room.	ERRG	3	Equipment Operators	20
		ERRG	5	Laborers	36
06	ERRG Sample Technicians on site today to purge wells	ERRG	2	SVE System Sample Techs	16
		Cruz Brothers	2	Utility Locators	12

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: 136
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: 8346.5
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: 8482.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, SVE sampling and demobilization (keel block moving), pre-use equipment inspections being conducted.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		Cat 735 haul truck

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	2
01	ERRG	JLG Skytrak 8K reach forklift	8
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlft	3
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	2

Schedule Activity No.	REMARKS

James Nores 02/15/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	065 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold
PM WEATHER	Sunny/Mild
MAX TEMP (F)	63
MIN TEMP (F)	46

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
03	United Rentals	Bomag 3 ton double smooth drum roller	0
03	ERRG	JD 210 Skip Loader	4
03	ERRG	JD 310 Backhoe	4
03	Harris Blade	Cat 735 haul truck	0
03	Hertz	Bobcat skidsteer loader	2

Schedule Activity No.	REMARKS

James Nores 02/15/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/15/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK TRANSPORT + STACK KEEL BLOCKS, CLEARING TREES, FLOOR PREP FOR REPAIRS.

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, BROKEN KEEL BLOCKS FALLING, LIMBS FALLING, EQUIPMENT, SHOVELING

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., HEARING PROTECTION CHAIN SAW - CHAPS, FACE SHIELD

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Bing Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
[illegible]	ERRG	[signature]
Fernando Lera	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
[illegible]	[illegible]	[signature]
Claire Walker	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	[illegible]	[signature]
[illegible]	[illegible]	[signature]
JOHN SOURIAL	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#1 MOB + SITE PREP (KORE BUILDS)

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#3 CLEARING + GRUBBING

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 9 BLDG FOR RESTORATION

#16 SVE SYSTEM

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		2/15/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		2/15/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	King Bailey		2-15-13 @ 0700
	Toney Green		2-15-13 0700
	Brian Kerr		2-15-13 0700
	Paul Rodriguez		2-15-13 0700
	Fernando Lara		2-15-13 0700
	Enrique Martinez		2-15-13 0700
	Boris R		2-15-13 0700
	Joe Correch		2/15/13 0700
	Claire Walker		2/15/13 0700
	Spencer Johnson		2/15/13 0700
	Mike R		2/15/13 0700

FRRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	2/15/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, SUNNY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

TRANSPORTING & STACKING KEEL BLOCKS IN BLDG. 156

CLEARING TREES & BRUSH AT TOP OF SLOPE FROM BLDG. 109 to ARTIST ACCESS ROAD.

PROPPING FLOOR FOR REPAIR IN BLDG. 113

SAMPLING SVE SYSTEM.

INSPECT STOCK PILES FOR BMPs.

EQUIPMENT: EXCAVATOR, SKIP LOADER, FORKLIFT, WATER TRUCK, BOBCAT, JUMPING JACK, VIBRA PLATE, AERIAL LIFT, 2 KUBOTAS

Signed: [signature] Date: 2/15/13

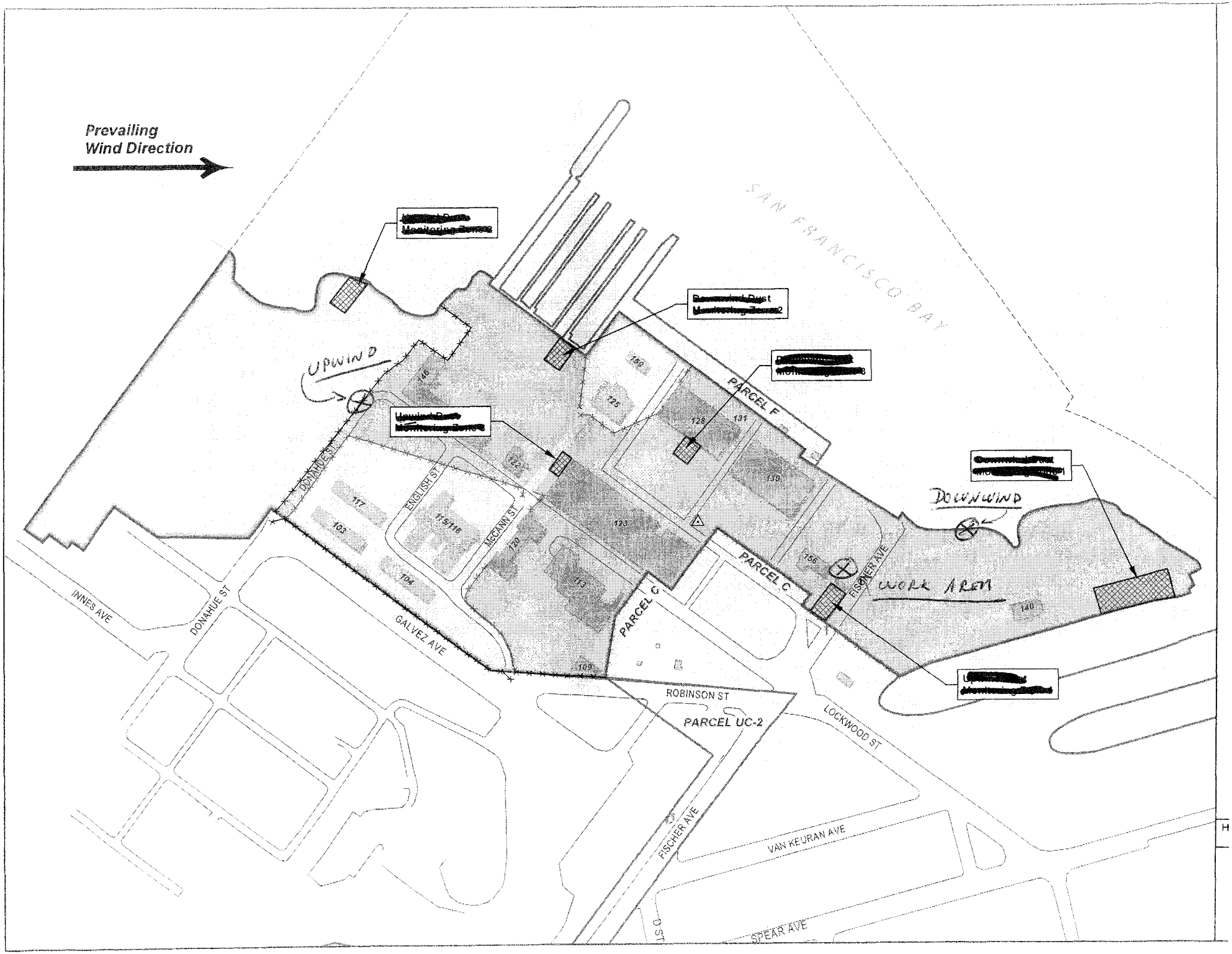
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue St.	2/15/13	0737	0.070	0.082	
Motor # 1161		0851	0.053	0.069	
		0940	0.132	0.088	
		1047	0.103	0.088	
		1150	0.087	0.089	
		1255	0.104	0.087	
		1407	0.096	0.086	
		1450	0.083	0.086	
WORK AREA Downwind	2/15/13	0734	0.060	0.053	
FARM BLDG 156 # 1008		0819	0.070	0.061	
		0936	0.067	0.052	
		1045	0.050	0.049	
		1147	0.043	0.049	
		1250	0.039	0.047	
		1359	0.041	0.045	
		1445	0.041	0.045	
DOWNWIND Spear Avenue	2/15/13	0732	0.061	0.057	
Motor # 10973		0820	0.039	0.050	
		0937	0.036	0.035	
		1044	0.037	0.031	
		1146	0.021	0.029	
		1252	0.018	0.027	
		1357	0.019	0.026	
		1440	0.018	0.025	


Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
SAN FRANCISCO BAY
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
D ST
SPEAR AVE
146
159
125
128
131
139
122
117
103
115/116
104
120
123
113
109
156
140

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Cat 735 Dump Trk	Model No.: 735	Serial No.: CAT00735PBIN00834

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	✓		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	✓		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	✓		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)	✓		
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	✓		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	✓		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)			✓
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)	✓		
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i		✓	
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a)	✓		
11. Has bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (18.G.11)	✓		
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (18.G.14)	✓		
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or flasher visible from all directions? (18.G.15)	✓		
14. Is all mechanized equipment shut down before and during refueling? (18.G.10)	✓		
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (18.G.28a)			✓
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (18.G.27)	✓		
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (18.G.29b)	✓		
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178? (18.G.29b(1))	✓		
19. Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (18.G.21)	✓		
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 10-B: C? (18.G.23)		✓	
21. Is there an effective, working reverse alarm? (18.B.01)	✓		

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)	✓		
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	✓		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	✓		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	✓		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	✓		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	✓		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	✓		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)	✓		
30. Is roll over protection provided? (18.B.13)	✓		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	✓		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)	✓		
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)			✓
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?			✓
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?	✓		
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?	✓		
37. MANUFACTURERS LOAD RATING CHART?	✓		
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			✓
39. INSPECTION OF RIGGING			✓
40. COMMUNICATION BETWEEN WORKERS INVOLVED?	✓		
41. USING TAG LINES?			✓
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			✓
43. SURFACE BENEATH EQUIPMENT STABLE?	✓		

REMARKS:

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and that it meets all above requirements except as noted under the remarks section.

Competent Person Signature: _____ **Date of Inspection:** 2-14-13

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Bob Cat - skidsteer	Model No.: S130	Serial No.: A3KY39145

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	/		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	/		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	/		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)	/		
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	/		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	/		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)			/
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)			/
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i		/	
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a)	/		
11. Has bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (18.G.11)	/		
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (18.G.14)	/		
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or flasher visible from all directions? (18.G.15)	/		
14. Is all mechanized equipment shut down before and during refueling? (18.G.10)	/		
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (18.G.28a)			/
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (18.G.27)	/		
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (18.G.29b)	/		
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178? (18.G.29b(1))	/		
19. Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (18.G.21)	/		
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 10-B: C? (18.G.23)	/		/
21. Is there an effective, working reverse alarm? (18.B.01)	/		

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)	✓		
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	✓		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	✓		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	✓		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	✓		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	✓		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	✓		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)	✓		
30. Is roll over protection provided? (18.B.13)	✓		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	✓		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)	✓		
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)			✓
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?			✓
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?	✓		
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?	✓		
37. MANUFACTURERS LOAD RATING CHART?	✓		
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			✓
39. INSPECTION OF RIGGING			✓
40. COMMUNICATION BETWEEN WORKERS INVOLVED?	✓		
41. USING TAG LINES?			✓
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			✓
43. SURFACE BENEATH EQUIPMENT STABLE?	✓		

REMARKS:

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and that it meets all above requirements except as noted under the remarks section.

Competent Person Signature: _____ Date of Inspection: 2-14-13

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) KP 54 PB	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Kubota	Model No.: M077	Serial No.:

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	✓		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	✓		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	✓		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)		✓	
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	✓		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	✓		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)	✓		
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)		✓	
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i	✓		
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a)	✓		
11. Has bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (18.G.11)			✓
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (18.G.14)			✓
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or flasher visible from all directions? (18.G.15)	✓		
14. Is all mechanized equipment shut down before and during refueling? (18.G.10)	✓		
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (18.G.28a)	✓		
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (18.G.27)	✓		
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (18.G.29b)			✓
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178? (18.G.29b(1))			✓
19. Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (18.G.21)			✓
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 10-B: C? (18.G.23)	✓		
21. Is there an effective, working reverse alarm? (18.B.01)			

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)			✓
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	✓		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	✓		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	✓		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	✓		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	✓		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	✓		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)	✓		
30. Is roll over protection provided? (18.B.13)	✓		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	✓		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)	✓		
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)			✓
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?			✓
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?	✓		
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?	✓		
37. MANUFACTURERS LOAD RATING CHART?			
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			✓
39. INSPECTION OF RIGGING			✓
40. COMMUNICATION BETWEEN WORKERS INVOLVED?	✓		
41. USING TAG LINES?			✓
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			✓
43. SURFACE BENEATH EQUIPMENT STABLE?			✓

REMARKS:

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and ~~that it meets all~~ above requirements except as noted under the remarks section.

Competent Person Signature: _____ Date of Inspection: 2/13/13

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: KUBOTA	Model No.:	Serial No.: 780-11-7139

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	✓		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	✓		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	✓		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)			✓
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	✓		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	✓		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)	✓		
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)	✓		
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i	✓		
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a)	✓		
11. Has bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (18.G.11)			✓
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (18.G.14)			✓
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or flasher visible from all directions? (18.G.15)			✓
14. Is all mechanized equipment shut down before and during refueling? (18.G.10)	✓		
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (18.G.28a)			✓
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (18.G.27)	✓		
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (18.G.29b)			✓
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178? (18.G.29b(1))			✓
19. Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (18.G.21)			✓
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 10-B: C? (18.G.23)	✓		
21. Is there an effective, working reverse alarm? (18.B.01)			

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)			✓
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	✓		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	✓		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	✓		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	✓		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	✓		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	✓		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)	✓		
30. Is roll over protection provided? (18.B.13)	✓		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	✓		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)	✓		
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)			✓
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?			✓
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?			✓
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?	✓		
37. MANUFACTURERS LOAD RATING CHART?			✓
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			✓
39. INSPECTION OF RIGGING			✓
40. COMMUNICATION BETWEEN WORKERS INVOLVED?			✓
41. USING TAG LINES?			✓
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			✓
43. SURFACE BENEATH EQUIPMENT STABLE?			✓

REMARKS:

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and that it meets all above requirements except as noted under the remarks section.

Competent Person Signature: _____ Date of Inspection: 2/13/13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Water truck **Identification Number:** _____

Project Number / Name: _____ **Rental** ☐ **ERRG** ☐

Inspected By / Date:	Rodrigo 01-28-13			Rodrigo 01-29-13			Rodrigo 01-30-13									
Daily Hours:	2502.4 R.G.			2502.8			2504.9									
	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?	3/4 ✓			3/4 ✓			1/2 ✓									
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:** _____

Project Number / Name: H. P **Rental** ☐ **ERRG** ☑

Inspected By / Date:	1-21-13			1-22-13			[redacted]			1-23-13						
Daily Hours:	5832.4			5855.0			~~5857.5~~			5857.5						
	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	Need power steering fluid
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 WATER T. **Identification Number:**

Project Number / Name: HPNS 2012-037 **Rental** ☐ **ERRG** ☒

Inspected By / Date:	1/29/13			2-5-13			2-6-13			2-7-13			2-8-13			
Daily Hours:	~~1/29/13~~			12232.4			1233.0			12233.7			12234.1			
	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	✓			✓			✓			✓			✓			Need Coolant
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 WATER T. Identification Number: _____

Project Number / Name: _____ Rental ☐ ERRG ☒

HOR 12234.6 + HOR 12240.

Date: Inspected By:	2-11-13			2-13-13											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 2K WATER TRUCK **Identification Number:**

Project Number / Name: 2012-037 **Rental** ☐ **ERRG** ☑

Inspected By / Date:	1-21-13 FL			1-22-13 BO			1-23-13 BO			2-15-13 EL						Defect(s):
Daily Hours:	12218.7			12220						12242.0						
	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: REAR LEFT FENDER DAMAGED, SMALL DAMAGE ON CORNER OF FRONT BUMPER, RIGH STEP SMAL [redacted]. DAMAGE.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Smooth roller BW 120AD **Identification Number:** _____

Project Number / Name: HP84PB **Rental** ☑ **ERRG** ☐

Inspected By / Date:	2/7/13															
Daily Hours:	2887															
	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	☑	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	Filter had to be cleaned
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: Roller Identification Number: 1232714

Project Number / Name: 202-037 HPNS Rental ☒ ERRG ☐

Date: Inspected By:										2/4/13 BK 2931					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 8042 fork lift Identification Number: U19864

Project Number / Name: 2012 037 HPNS Rental ☐ ERRG ☒

Date:	2-8-13														
Inspected By:	TG														
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Backhoe 310 **Identification Number:** 10026

Project Number / Name: HPNSY 2010-037 **Rental** ☐ **ERRG** ☑

Inspected By / Date:	1/28/13			BL 1-29-13												
Daily Hours:	4968.0			4965.3												
	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: 310 Backhoe Identification Number: TW10026

Project Number / Name: HPNS Rental ☐ ERRG ☒

Date:	2-12/13			2-15-13											
Inspected By:	FL 49772			Kiki 41982-4											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SKIPI LOADER Identification Number: _____

Project Number / Name: H.P Rental ☐ ERRG ☒

	KIKI			KIKI			KIKI			KIKI			KIKI		
Date:	2-4-13			2-5-13			2-6-13			2-7-13			2-8-13		
Inspected By:	HOR 12950			HOR, 1300.1			HOR, 1302.3			HOR-1305.8			HOR, 1309.4		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SKIPI LOADER 210 **Identification Number:** _____

Project Number / Name: HIP **Rental** ☐ **ERRG** ☑

Inspected By / Date:	2-11-13			2-12-13 KiKi			2-13-13 KiKi			2-14-13 KiKi			2-15-13 Ki			**Defect(s):**
Daily Hours:	1311.8 KiKi			1314.6			1316.8			1318.5			1323.6			
	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: 200 John Deere Excavator Identification Number: _____

Project Number / Name: 2012-037 HPSS Rental ☐ ERRG ☒

Date: / Inspected By:	2/4 BP 4572			2-5 4575.3 KB			2-6 45702 KB			2-7 4580 BP			2-14 4583 BP			4587.C
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Kubota Identification Number: 11077

Project Number / Name 2012-037 Rental ☐ ERRG ☑

Date: Inspected By:	2/13/13 PR			2/14/13 PR			2/15/13 PR 0538.2								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Back driver side tail light out
Tire need a little air

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 15/02/13

REPORT NO 065

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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
01	Continued moving keel blocks into the transformer room of Building 123 for storage.
03	Removed the top 6-inches of soil from 2 previous excavation areas (at the north corner and at the west corner of the foundation) in Building 113.
	Continued compacting the subgrade in the previous excavation areas within the foundation of Building 113. Placed and compacted a 4-inch
	layer of aggregate base course in the previous excavation areas at the north corner and at the west corner of the foundation of Building 113.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
04	Continued removing vegetation from the slope in the soil cover area adjacent to Building 109 and between Galvez Ave and McCann St.
06	Continued collecting soil vapor samples from the vapor monitoring wells located in Building 123 as part of the baseline soil vapor monitoring event.

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.

Spencer Slominski — 02/15/13

AUTHORIZED QC MANAGER AT SITE — 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)

Building Foundation Inspection and Restoration

Date: 02/15/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	Removed soil from previous excavation areas to prepare subgrade for paving
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed and compacted 4" layer of AB in excavation areas in Bldg 113
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 02/15/13

Photo 1: Building Foundation Inspection and Restoration – Top 6-inches of soil removed from previous excavation area in the west corner of the foundation of Building 113
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 15, 2013

Photo 2: Building Foundation Inspection and Restoration –Compacted 4-inch layer of aggregate base placed in previous excavation area in the north corner of Building 113
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 15, 2013

Photo 3: Soil Cover Installation – Vegetation removed from the slope adjacent to Building 109

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 15, 2013

Photo 4: Soil Cover Installation – Vegetation removed from the slope adjacent to Robinson St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 15, 2013

Photo 5: Soil Cover Installation – Vegetation removed from the slope between Galvez Ave and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 15, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	19/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	066		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Rain/Cold	PM WEATHER	Rain/Cold
MAX TEMP (F)	48	MIN TEMP (F)	42

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03,06	Conduct tailgate safety meeting, review AHA for building interiors, Mob and	ERRG	1	Superintendent	10
	SVE system sampling.	ERRG	1	Construction Manager	4
04	Crew begin shaping slope behind building 109	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
03	Crew continue working inside building 128 cleaning floor for QC inspection	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
02	Crew moving stockpiled rip rap near dry dock 3 out of the way for soil cover	ERRG	3	Equipment Operators	16
	import on Friday. Stockpile south of the TPH area along the revetment.	ERRG	6	Laborers	40
		ERRG	1	Truck Driver	8
06	ERRG Sample Technicians on site today to purge wells	ERRG	2	SVE System Sample Techs	16
		Cruz Brothers	2	Utility Locators	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: 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: 8482.5
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: 8630.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, SVE sampling and demobilization (keel block moving), pre-use equipment inspections being conducted.

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		Cat D-5 dozer
03		Cat 972 Loader

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	0
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	4
01	Hertz	JCB Vertical mast 8K forklift	0

Schedule Activity No.	REMARKS
01	Weekly QC Meeting today with Navy ROICC, CSO and ERRG QC, Supervisory and H & S Staff.

James Nores 02/19/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	19/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	066 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Rain/Cold
PM WEATHER	Rain/Cold
MAX TEMP (F)	48
MIN TEMP (F)	42

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
03	United Rentals	Bomag 3 ton double smooth drum roller	0
03	ERRG	JD 210 Skip Loader	2
03	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
03	Hertz	Bobcat skidsteer loader	2
04	JS Cole	Cat 972 Loader	4
04	JS Cole	Cat D-5 dozer	4
04	Harris Blade	Cat 735 haul truck	8

Schedule Activity No.	REMARKS

James Nores 02/19/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/19/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK TEMP. FENCE INSTALLATION, CUTTING TREES, GRADING SLOPES, PREPARING FENCE FOR REPAIR, STACKING ROOF BLOCKS, SVE SYSTEM

SAFETY TOPICS PRESENTED

SAFETY TOPICS STYF, WET SURFACES, MUD, FALLING LIMBS, CHAIN SAW, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed. CHAIN SAW - CHAPS & FACE SHIELD

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Tony Sorgen	ERRG	
Spencer Richmond	ERRG	
Brian Kerr	ERRG	
Fernando [illegible]	ERRG	
[illegible]	ERRG	
B. Lunsford	ERRG	
Mike Bahal	ERRG	
Bri Foster	ERRG	
Enrique Martinez	ERRG	
Ring Bailey	ERRG	
Joe Cappello	ERRG	
Spencer Johnson	ERRG	
Spencer Slominski	ERRG	
Fermin Barraza	N.C.R.	
Fortunato Lopez	N.C.R.	
Ty Appl	ERRG	
Michael Livingston	CPJR Brothers	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#1 MOB + SITE PREP (TOMPKINS + KOTE BLVD)
#3 CLEARING + GRUBBING
#9 BCDG FDN. POSTERIOR
#16 SVE SYSTEM

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #:

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/19/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	~~0700~~ 2/19/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	2/19/13 0700
Employee(s):	Toney Green	[signature]	2-19-13 0700
	Paul Rodriguez	[signature]	2/19/13 0700
	Brian Kerr	[signature]	2/19/13 0700
	Fernando Leza	[signature]	2/19/13 0700
	B. Lunasco	[signature]	2-19-13 0700
	Boris P	[signature]	2-19-13 0700
	Mike Bubsch	[signature]	2-19-13 0700
	Bri Foster	[signature]	19 FEB '13 @ 0700
	ENRIQUE MARTINEZ	[signature]	2-19-13 0700
	Joe Correll	[signature]	2/19/13 0700
	Spencer Johnson	[signature]	2/19/13 0700
	Fermin Barraza	[signature]	2/19/13 9:00
	FORTUNATO LUPEL	[signature]	2/19/13 9:00
	TD APPM	[signature]	2/19/13 0900

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	2/19/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN,	Page:	1 of 1
Site Visitors:	PETER STRUGANOFF, DOUG DELONG, JOHNNY NJ, ANDY UCHIA - US NAVY		

Description of Field Activities:

LOADING AND HAULING RIPRAP FROM ALONGSIDE DRY DOCK #3 TO WORK AREA NEAR BLDG 156.

BEGAN GRADING SLOPES NEAR BLDG. 109 TO ARTISTS ROADWAY.

INSTALLED TEMP. FENCE ALONG GALVEZ, FROM DOWNHUE TO BLDG. 109

FLOOR PREP CONTINUES IN BLDG. 113.

SAMPLING SVE SYSTEM.

UTILITY SURVEY.

EQUIPMENT: BULLDOZER, END LOADER, OFF-ROAD DUMP TRUCK, JUMPING JACK, ROLLER + VIBRA PLATE, SKIP LOADER, 2 KUBOTAS

Signed: [signature] Date: 2/19/13

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	2/19/13				
Meters not deployed, due to inclement weather.					

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 19/02/13

REPORT NO 066

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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 #
04	Soil Cover Installation	
07	Polylactate Injection	

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	Moved riprap stockpile from Dry Dock 3 to new stockpile location to clear the barge offloading area.
03	Continued cleaning the floor slab inside Building 128, and started patching pipe penetrations in the foundation of Building 128.
	Continued removing the top 6-inches of soil from the previous excavation areas on the southwest side of the foundation of Building 113.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
04	Continued removing vegetation from the slope in the soil cover area. Started grading the slope in the soil cover area between Building 109 and
	McCann St.
06	Continued collection of soil vapor samples from the vapor monitoring wells located in Building 123 as part of the baseline soil vapor monitoring event.

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
03	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Shirley Ng, Andrew Uehisa), Navy CSO (Douglas Delong), ERRG QCM
	(Spencer Slominski), ERRG Superintendent (James Nores), ERRG SSHO (Richard Epp), ERRG technical staff (Joe Corrick).

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.

Spencer Slominski — 02/19/13

AUTHORIZED QC MANAGER AT SITE — 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 41 00; 31 00 00; 32 92 19	19/02/2013

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #4 Soil Cover Installation	DFOW #4	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED 48 HOURS IN ADVANCE: YES ☒ NO ☐

NAME	POSITION	COMPANY/GOVERNMENT
James Nores	Superintendent	ERRG
Spencer Slominski	QC Manager	ERRG
Richard Epp	SSHO	ERRG
Michael Babst	QC Specialist	ERRG
Peter Stroganoff	ROICC	Navy
Shirley Ng	ROICC	Navy
Andrew Uehisa	ROICC	Navy
Doug Delong	CSO	Navy

SUBMITTALS

REVIEW SUBMITTALS AND/OR SUBMITTAL REGISTER. HAVE ALL SUBMITTALS BEEN APPROVED? YES ☐ NO ☒

IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? SD-01, Sampling and Analysis Plan (31 00 00); SD-01, Materials Handling Plan (31 00 00); SD-04, Fill (31 00 00); SD-03, Seed Mixes (32 92 19); SD-03, Plant Mix (32 92 19); SD-03, Fertilizer (32 92 19); SD-03, Straw Mulch (32 92 19); SD-03, Lime (32 92 19); SD-03, Fungi (32 92 19); SD-03, Co-polymer (32 92 19); SD-06, Soil Composition Tests (32 92 19); SD-07, State Certification and Approval for Seed (32 92 19). Soil test reports will be submitted as performed.

ARE ALL MATERIALS ON HAND? YES ☐ NO ☒

IF NO, WHAT ITEMS ARE MISSING? Cover soil from the Decker Island backfill source is scheduled to start arriving on 2/22/13. Erosion control blanket, CTRM, seed mix, mulch, and soil amendment products will be delivered as as needed.

CHECK APPROVED SUBMITTALS AGAINST DELIVERED MATERIAL. (THIS SHOULD BE DONE AS MATERIAL ARRIVES.)

COMMENTS: Cover soil will be inspected visually as it delivered and checked against the PO. Materials will be checked against their approved submittals as they are brought on site.

MATERIAL STORAGE

ARE MATERIALS STORED PROPERLY? YES ☒ NO ☐

IF NO, WHAT ACTION IS TAKEN? Soil will be imported by barge and stockpiled on site. Stockpiles will be managed in accordance with the project SWPPP. Erosion control blanket, CTRM, seed mix, and soil amendment products will be stored per the manufacturer's recommendations until incorporated into the project.

SPECIFICATIONS

REVIEW EACH PARAGRAPH OF SPECIFICATIONS. Specification Sections 02 41 00 Site Clearing and Demolition, 31 00 00 Earthwork, and 32 92 19 Seeding and Planting. Field requirements associated with this DFOW are included in the Soil Cover Installation checklist which will be included as part of the daily CQC documentation.

DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. The soil cover area will be excavated at the top and toe of the slope to allow key-in of the soil cover. Import soil will be placed in 6-inch compacted lifts with the exception of the vegetation layer (top 6-inches), which will not be compacted to promote plant growth. The completed 2-foot soil cover will be seeded as described in the specifications. Erosion control blanket and CTRM will be installed above the completed soil cover as shown on the drawings.

CLARIFY ANY DIFFERENCES.

PRELIMINARY WORK & PERMITS

ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE.

IF NOT, WHAT ACTION IS TAKEN? No permits are required. Crew members will all have HPNS security passes.

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 150,000 square feet of cover soil placed. Soil will be collected for sieve analysis and Atterberg limits testing at a frequency of 1 per 2,000 CY of soil placed, and Proctor compaction testing at a frequency of 1 per 5,200 CY of soil placed. WHEN REQUIRED? Tests will be performed at the frequencies listed above. WHERE REQUIRED? Soil will be tested and sampled per lift at the frequencies listed above. REVIEW TESTING PLAN. Testing plan is included in the project CQC Plan. HAS TEST FACILITIES BEEN APPROVED? Yes.
SAFETY	ACTIVITY HAZARD ANALYSIS APPROVED? YES ☒ NO ☐ REVIEW APPLICABLE PORTION OF EM 385-1-1. SSHO reviewed the AHAs associated with this DFOW, including Clearing and Grubbing; Import of Shoreline Revetment Materials and Clean Soil Cover Material by Barge; Soil Cover Construction (soil excavation and placement); and Erosion Control Installation (geotextiles and hydroseeding).
MEETING COMMENTS	NAVY/ROICC COMMENTS DURING MEETING.
OTHER ITEMS OR REMARKS	OTHER ITEMS OR REMARKS:

Spencer Slominski — QC MANAGER

02/19/13 — DATE

PREPARATORY PHASE CHECKLIST

(CONTINUED ON SECOND PAGE)

SPEC SECTION	DATE
01 35 45.00 10; 02 07 00	19/02/2013

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #7 Polylactate Injection	DFOW #7	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED 48 HOURS IN ADVANCE: YES ☒ NO ☐

NAME	POSITION	COMPANY/GOVERNMENT
James Nores	Superintendent	ERRG
Spencer Slominski	QC Manager	ERRG
Richard Epp	SSHO	ERRG
Michael Babst	QC Specialist	ERRG
Peter Stroganoff	ROICC	Navy
Shirley Ng	ROICC	Navy
Andrew Uehisa	ROICC	Navy
Doug Delong	CSO	Navy

SUBMITTALS

REVIEW SUBMITTALS AND/OR SUBMITTAL REGISTER. HAVE ALL SUBMITTALS BEEN APPROVED? YES ☐ NO ☒

IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? SD-06, Laboratory Analysis Reports (01 35 45.00 10); SD-02, Global Positioning System Survey Maps and Notes (02 07 00).

Test reports will be submitted after the injections are complete.

ARE ALL MATERIALS ON HAND? YES ☐ NO ☒

IF NO, WHAT ITEMS ARE MISSING? Bentonite for borehole abandonment will be delivered when the drill rig is mobilized to the site.

CHECK APPROVED SUBMITTALS AGAINST DELIVERED MATERIAL. (THIS SHOULD BE DONE AS MATERIAL ARRIVES.)

COMMENTS: 6,000 lb of polylactate was delivered on 11/16/12; product was checked against the approved submittal.

MATERIAL STORAGE

ARE MATERIALS STORED PROPERLY? YES ☒ NO ☐

IF NO, WHAT ACTION IS TAKEN?

SPECIFICATIONS

REVIEW EACH PARAGRAPH OF SPECIFICATIONS. Specification Sections 01 35 45.00 10 Chemical Data Quality Control, and 02 07 00 Subsurface Injection of Polylactate. Field requirements associated with this DFOW are included in the Polylactate Injection checklist which will be included as part of the daily CQC documentation.

DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. ERRG's subcontractor, Vironex Inc., will use a direct-push drill rig and the appropriate injection tool and high-pressure pump to inject polylactate into the subsurface at 45 injection points. The injections will be conducted in accordance with the Revised Polylactate Injection Plan and as described in the specifications. Following the injections, the boreholes will be abandoned as described in the specifications.

CLARIFY ANY DIFFERENCES. The Revised Polylactate Injection Plan includes changes to the following design parameters: composition of the polylactate material; volume of polylactate to be injected at each point; and the locations and alignment of the injection points.

PRELIMINARY WORK & PERMITS

ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE.

IF NOT, WHAT ACTION IS TAKEN? No permits are required. Crew members will all have HPNS security passes.

The injection points have been surveyed and located on the ground.

TESTING	IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM. No tests are required by the specifications.
	WHEN REQUIRED? N/A
	WHERE REQUIRED? N/A
	REVIEW TESTING PLAN. N/A
	HAS TEST FACILITIES BEEN APPROVED? N/A
SAFETY	ACTIVITY HAZARD ANALYSIS APPROVED? YES ☒ NO ☐
	REVIEW APPLICABLE PORTION OF EM 385-1-1. SSHO reviewed the AHAs associated with this DFOW, including Installation of Temporary Injection Wells; High Pressure Pumping of Polylactate; and Utility Location and Preliminary Site Surveys.
MEETING COMMENTS	NAVY/ROICC COMMENTS DURING MEETING.
OTHER ITEMS OR REMARKS	OTHER ITEMS OR REMARKS:

Spencer Slominski — QC MANAGER

02/19/13 — DATE

Building Foundation Inspection and Restoration

Date: 02/19/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			Started patching pipe penetrations in foundation of Bldg 128
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 02/19/13

Photo 1: Building Foundation Inspection and Restoration – Floor drain inside Building 128 sealed with patching mortar

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 19, 2013

Photo 2: Building Foundation Inspection and Restoration – Removal of top 6-inches of soil from previously excavated trenches on the southwest side of Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 15, 2013

Photo 3: Soil Cover Installation – Grading the slope in the soil cover area between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 19, 2013

Photo 4: Soil Cover Installation – Grading the slope in the soil cover area between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 19, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	067		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Mostly Sunny/Cool
MAX TEMP (F)	57	MIN TEMP (F)	42

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03,06	Conduct tailgate safety meeting, review AHA for building interiors, Mob and	ERRG	1	Superintendent	10
	SVE system sampling.	ERRG	1	Construction Manager	0
04	Crew continue shaping slope behind building 109, remove guard rail along	Davey Tree	3	Green Waste Chipping	18
	McCann, place K-rail along that section for safety. Archeo on site to witness the	ERRG	1	QC Manager	10
	key in excavation along the retaining wall in the archeo sensitive area identified.	ERRG	1	H&S Officer	8
04	Davey Tree on site chipping all of the removed greenwaste from the soil cover	ERRG	2	QC Staff	20
	areas.	ERRG	3	Equipment Operators	16
03	Crew continue working inside building 128 prep excavation and trench areas	ERRG	7	Laborers	48
	for paving- excavate 6", place 4" class II AB and compact.	ERRG	0	Truck Driver	0
06	ERRG Sample Technicians on site today to lay out Polylactate injection	ERRG	2	SVE System Sample Techs	10
	locations inside and outside of building 123	Sonoma State	1	Archeologist	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	148
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8630.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	8778.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, SVE sampling and demobilization (keel block moving), pre-use equipment inspections being conducted.

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		60.04 tons Class II AB

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	0
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	4
01	Hertz	JCB Vertical mast 8K forklift	0

Schedule Activity No.	REMARKS
03	Met with Mel Asuncion (Navy HPS) to walk the excavation areas and look at utilities, he provided us with electronic copies of utility maps for the Parcel B excavation and grading paving areas.

James Nores 02/20/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	067 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold
PM WEATHER	Mostly Sunny/Cool
MAX TEMP (F)	57
MIN TEMP (F)	42

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
03	United Rentals	Bomag 3 ton double smooth drum roller	0
03	ERRG	JD 210 Skip Loader	2
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
03	Hertz	Bobcat skidsteer loader	2
04	JS Cole	Cat 972 Loader	4
04	JS Cole	Cat D-5 dozer	4
04	Harris Blade	Cat 735 haul truck	8

Schedule Activity No.	REMARKS

James Nores 02/20/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/20/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK KEEL BLOCKS TO RUBBER ROOM, WOOD CHIPPING, BLDG. FDN. REPAIRS, SOIL GRADING ON SLOPES, TREE CUTTING, SVE SYSTEM

SAFETY TOPICS PRESENTED

SAFETY TOPICS STF, WET AREAS + MUD, FALLING LIMBS, BROKEN KEEL BLOCKS, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., SAW CUTTING - CHAPS + FACE SHIELD

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Jerrando Lee	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Brian Kerr	ERRG	[signature]
B. Lunasco	ERRG	[signature]
Boris Bortello	ERRG	Boris Bortello
Spencer Johnson	ERRG	[signature]
Claire Walker	ERRG	[signature]
Mike Bailey	ERRG	[signature]
J. Cepeda	ERRG	[signature]
Michael Meyer	ASC	[signature]
Nicholas Gaulford	Davey Tree	[signature]
Alfonso Arroyo	Davey Tree	Alfonso Arroyo
Sergio Lopez Juarez	Davey Tree	[signature]
Lack Arata	East Bay Tire	[signature]
Jy Arm	[signature]	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#16 SVE SYSTEM
#1 MOB + SITE PROP (KOOLBOOLS
#3 CLEARING + GRUBBING (WOOD CHIPPING)
#12 SOIL COVER CONST. GRADING

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 9 BLDG. FDN RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/20/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	2/20/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	King Bailey	[signature]	2-20-13 0700
	Torey Green	[signature]	2-20-13 0700
	[signature]	[signature]	2/20/13 0700
	Fernando Leze	[signature]	2/20/13 0700
	ENRIQUE MARTINEZ	[signature]	2-20-13 0700
	Brian Kerr	[signature]	2-20/13 0700
	B. Lunasco	B. Lunasco	2-20-13 0700
	Boris Portillo	Boris Portillo	2-20-13 0700
	Spencer Johnson	[signature]	2/20/13 0700
	Claire Walker	[signature]	2/20/13 0700
	Mike Babst	[signature]	2/20/13 0700
	J. Corrsel	[signature]	2/20/13
	Michael Meyer	[signature]	2-20-13

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	2/20/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

SAMPLING SVE SYSTEM

BLOWING AND PREPPING FLOOR IN BLDG 128

REMOVING TREES ON GALVEZ BETWEEN ARTISTS ROAD AND TRUANGLE BLDG #109. GRADING HILLSIDE IN SAME AREA.

CHIPPING TREES & BRANCHES, STACKPILING IN STORAGE AREA.

EQUIPMENT: EXCAVATOR, ROLLER, WATER TRUCK, SKIP LOADER, BOBCAT BULLDOZER, 2 KUBOTAS

Signed: [signature] Date: 2/20/13

ERRG

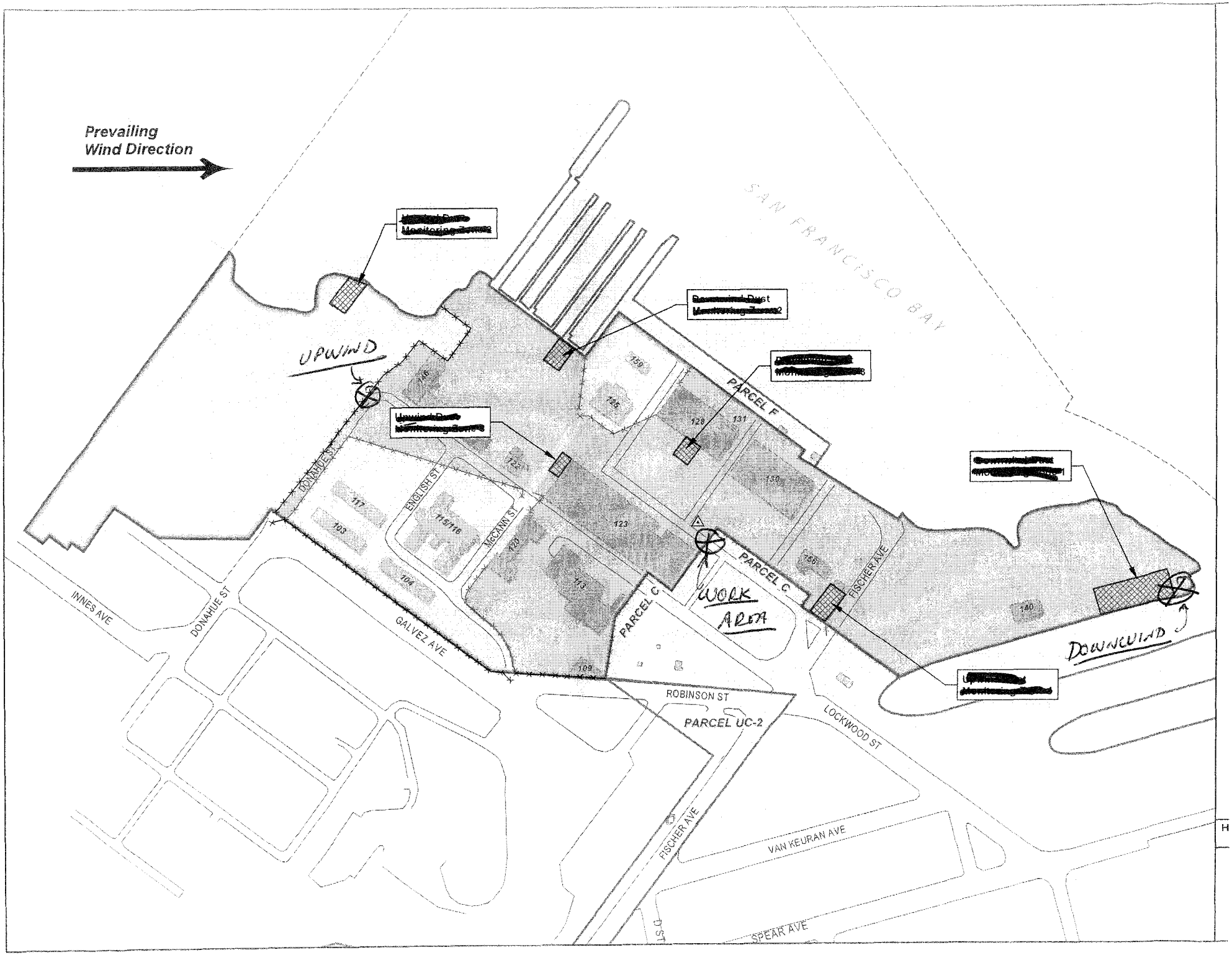
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 2/20/13 @ 0730

Client: US Navy
Project No.: 2012-037
Page: ___ of ___
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue St.	2/20/13	0748	0.014	0.015	
Mtr # 1161		0856	0.076	0.062	
		0950	0.072	0.066	
		1030	0.075	0.068	
		1142	0.095	0.070	
		1335	0.079	0.073	
		1505	0.070	0.074	
WORK AREA Force B/C	2/20/13	0744	0.027	0.033	
@B-123 #1008		0855	0.019	0.021	
		0953	0.029	0.021	
		1032	0.022	0.021	
		1144	0.023	0.021	
		1337	0.028	0.023	
		1507	0.024	0.023	
DOWNWIND Shore @ DD*3	2/20/13	0737	0.005	0.004	
Mtr # 10973		0852	0.013	0.006	
		0945	0.004	0.006	
		1034	0.012	0.006	
		1340	0.009	0.006	
		1509	0.008	0.008	



Prevailing
Wind Direction
SAN FRANCISCO BAY
UPWIND
DOWNWIND
WORK
AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/02/13
REPORT NO	067

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued patching cracks and penetrations in the floor slab inside Building 128. Removed the top 6-inches of soil and placed and compacted
	a 4-inch layer of aggregate base course in the 2 previous excavation areas within the foundation of Building 128.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
04	Continued removing vegetation from the soil cover area and started chipping the green waste. Continued grading the slope in the soil cover
	area between Building 109 and McCann St. Started excavating along the upslope side of the retaining wall behind Building 113 to create a
	2-foot deep key-in for the soil cover; excavation was observed by archaeological monitor.
06	Completed collection of soil vapor samples from the vapor monitoring wells located in Building 123 as part of the baseline soil vapor monitoring event.
07	Performed layout to mark the locations of the polylactate injection points.

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.

Spencer Slominski — 02/20/13

AUTHORIZED QC MANAGER AT SITE — 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

Building Foundation Inspection and Restoration

Date: 02/20/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	Patched cracks in the floor slab of Bldg 128
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	Patched cracks and pipe penetrations in foundation of Bldg 128
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed 4” layer of AB in 2 previous excavation areas inside Bldg 128
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**	**X**			
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**	**X**			
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 02/20/13

Photo 1: Building Foundation Inspection and Restoration – Compacted 4" layer of aggregate base placed in previous excavation area in the foundation of Building 128

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 20, 2013

Photo 2: Building Foundation Inspection and Restoration – Cracks in the floor slab inside Building 128 sealed with mortar

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 20, 2013

Photo 3: Soil Cover Installation – Grading the slope in the soil cover area between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 20, 2013

Photo 4: Soil Cover Installation – Chipping the vegetation removed from the soil cover area

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 20, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	068		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Mostly Sunny/Cool
MAX TEMP (F)	60	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03,04	Conduct tailgate safety meeting, review AHA for building interiors and Mob	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Crew begin placing plastic on the windows at building 103.	Davey Tree	2	Green Waste Chipping	16
		ERRG	1	QC Manager	10
04	Crew continue slope shaping and key-in trenching along the retaining wall	ERRG	1	H&S Officer	8
	behind building 109.	ERRG	2	QC Staff	20
04	Davey Tree on site chipping all of the removed greenwaste from the soil cover	ERRG	5	Equipment Operators	20
	areas.	ERRG	7	Laborers	42
03	Crew paving prepared excavation areas inside building 128 and 113A.				

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	130
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8778.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	8908.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, and demobilization (keel block moving), pre-use equipment inspections being conducted.

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		12.11 tons 1/2" asphalt

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	0
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlft	4
01	ERRG	JD 200CLC Excavator	8
03	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS

James Nores 02/21/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	068 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold
PM WEATHER	Mostly Sunny/Cool
MAX TEMP (F)	60
MIN TEMP (F)	46

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
03	United Rentals	Bomag 3 ton double smooth drum roller	4
03	ERRG	JD 210 Skip Loader	4
03	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
03	Hertz	Bobcat skidsteer loader	8
04	JS Cole	Cat 972 Loader	0
04	JS Cole	Cat D-5 dozer	4

Schedule Activity No.	REMARKS

James Nores 02/21/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/21/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK GRADING, WOOD CHIPPING, PROPPING & PAVING FLOORS

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, HIT BY LIMBS, LIFTING, HOT ASPHALT, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Mike Bailey	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Boris P.	[illegible]	[signature]
Toney Green	ERRG	[signature]
B. Lunasco	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
Nicholas Crawford	Davey tree	[signature]
Alfonso Arroyo	Davey tree	Alfonso Arroyo
Sergio Lopez J	Davey Tree	Sergio Lopez J
Fernando Loza	ERRG	[signature]
Ty Appel	ERRG	[signature]
Nicholas Butler	[illegible]	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#3 CLEARING + GRUBBING
#9 BLDG. FDN. RESTORATION

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		2/21/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		2/21/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		2/21/13 0700
Employee(s):	King Bailey		2-21-13 0700
	Paul Rodriguez		2-21-13 0700
	Mike Babost		2-21-13 0700
	ENRIQUE MARTINEZ		2-21-13 0700
	Boris P		2-21-13 0700
	Toney Green		2-21-13 0700
	B. LUPASCO		2-21-13 0700
	Brian Kerr		2-21-13 0700
	Spencer Johnson		2/21/13 0700
	Fernando Lozi		2/21/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	2/21/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	DEVANT WALKER & JEFF SALA - KLEINFELDER (WELLS)		

Description of Field Activities:

FLOOR REPAIRED & PAVED IN BLDG. 128. PAVING IN BLDG. 113.

UTILITY SURVEY BY CRUZ BROS.

GRADING, GRUBBING AND WOOD CHIPPING BEHIND BLDG 113, UP THE SLOPE TOWARD GALVEZ. DAVEY TREE CHIPPING WOOD.

COVERING WINDOWS ON BLDG. 103, GALVEZ SIDE.

UPWIND DUST MONITOR (PERFIMETER) OUT OF SERVICE, NEW MONITOR REQUESTED.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, SKIPLOADER, ROLLER, VIBRA PLATE & JUMPING JACK, AERIAL LIFT, 2 KUBOTAS.

Signed: [signature] Date: 2/21/13

ERRG

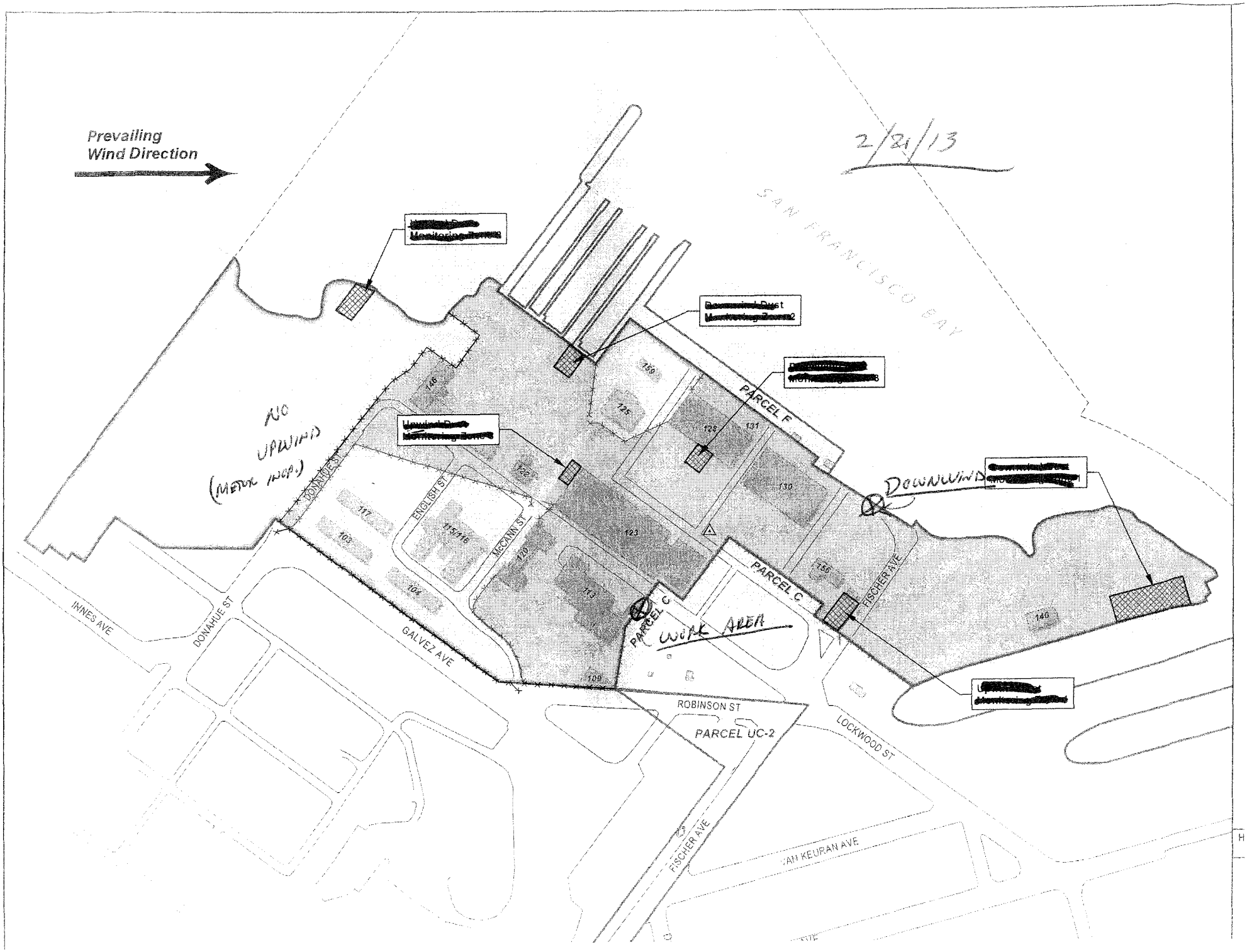
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND	2/21/13	MOTOR #1161 INOPERATIVE			
WORK AREA FENCE NEAR BLDG 113 #1008	2/21/13	0752	0.027	0.026	
		0848	0.030	0.032	
		0941	0.037	0.031	
		1238	0.035	0.030	
		1435	0.033	0.031	
DOWNWIND SHOREline MOTOR# 10973	2/21/13	0728	0.029	0.046	
		0846	0.009	0.011	
		0939	0.009	0.010	
		1236	0.011	0.010	
		1438	0.009	0.010	



Prevailing
Wind Direction
2/21/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
NO
UPWIND
(METER INOP.)
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 21/02/13

REPORT NO 068

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Prepared the previous excavation areas and trenches within Building 113 (at southeast end), Building 113A, and Building 128 for paving. Tested
	the compaction of the aggregate base course in the previous excavation areas and trenches inside Building 113 and Building 128. Paved the
	2 previous excavation areas within the foundation of Building 128 and the trenches within the foundation of Building 113A with a 2-inch layer of
	asphalt concrete. Inspected the condition of the foundation of Building 116 and documented the areas requiring repair; completed all foundation
	repairs inside Building 116. Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
04	Continued removing vegetation from the soil cover area and chipping the green waste. Continued grading the slope in the soil cover area
	between Building 109 and McCann St. Continued excavating a 2-foot deep key-in cut on the upslope side of the retaining wall behind Building
	113. Started placing temporary plastic sheeting over the windows on the southwest side of Building 103.

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.

Spencer Slominski — 02/21/13

AUTHORIZED QC MANAGER AT SITE — 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)

Building Foundation Inspection and Restoration

Date: 02/21/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	Patched cracks in the floor slab of Bldg 128
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	Patched cracks and pipe penetrations in foundation of Bldg 128
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Paved the previous excavation areas in Bldg 128 and trenches in Bldg 113A with asphalt concrete
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**	**X**			
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**	**X**			
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 02/21/13

ERRG

Engineering/Remediation Resources Group, Inc.
4585 Pacheco Blvd., Suite 200
Martinez, CA 94553

Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.:
Page 1 of 1

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No. CPN MC3
Date/Time 2-21-13	Job No.	Project/Location HPNS	Source Material Am-241 / Cs-137	Density Std. 36003
Inspector F. LOZA	Project Engineer SPENCER S.	Other		Moisture Std 7926
Curve No.	Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
	124.2		10%	BOMAG
Specified % Compaction	Specified % Water		Lab Test Method	Field Test Method
95%			ASTM D-1557	ASTM D-2922 ASTM D-3017

		Gauge Readings							
Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
1		4"	132.9	10.4	122.5	8.49	98%	BLD 128	TOP LOADER
2		4"	128.2	10.7	117.5	9.37	95%	BLD 113	TOP LOADER
		Average							

Remarks:

Inspector: F. LOZA

Reviewed:

Photo 1: Building Foundation Inspection and Restoration – Trenches within the foundation of Building 113 (southeast end) prepared for paving

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 21, 2013

Photo 2: Building Foundation Inspection and Restoration – Asphalt pavement installed in previous excavation area in the foundation of Building 128

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 20, 2013

Photo 3: Building Foundation Inspection and Restoration – Asphalt pavement installed in previous excavation areas and trenches within the foundation of Building 113A

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 21, 2013

Photo 4: Soil Cover Installation – Plastic sheeting installed over windows on the southwest side of Building 103

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 21, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	069		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Mostly Sunny/Cool
MAX TEMP (F)	60	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03,04	Conduct tailgate safety meeting, review AHA for building interiors and Mob	ERRG	1	Superintendent	10
04	Davey Tree on site chipping green waste from the soil cover areas.	ERRG	1	Construction Manager	4
01	Crew continue placing plastic on the windows at building 103. Move upwind air	Davey Tree	2	Green Waste Chipping	16
	monitor to the phase II slope excavation configuration.	ERRG	1	QC Manager	10
04	Finish shaping slope behind 120, below 109, QC team place backfill grid stakes	ERRG	1	H&S Officer	8
	on slope for backfill.	ERRG	2	QC Staff	20
04	Jericho on site with first load of cover material, begin unloading barge at the	ERRG	4	Equipment Operators	15
	dry dock 3 staging area, begin hauling material from dry dock 3 to the slope	ERRG	7	Laborers	43
	behind 120,113.	ERRG	3	Truck Drivers	11
03	Crew paving prepared excavation areas inside building 113, continue preparing	Jerico	5	Barge Unloading Crew	55
	trench excavation areas inside 113 for paving at a later date.				

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	192
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	8908.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9100.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, and demobilization (keel block moving), pre-use equipment inspections being conducted.

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	025	6.67 tons 1/2" asphalt
04	026	3806 tons Soil Cover Material

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	4
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlft	4
01	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS

James Nores 02/22/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	069 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold
PM WEATHER	Mostly Sunny/Cool
MAX TEMP (F)	60
MIN TEMP (F)	46

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
03	United Rentals	Bomag 3 ton double smooth drum roller	4
03	ERRG	JD 210 Skip Loader	0
03	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	5
03	Hertz	Bobcat skidsteer loader	1
04	JS Cole	Cat 972 Loader	8
04	JS Cole	Cat D-5 dozer	4

Schedule Activity No.	REMARKS

James Nores 02/22/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/22/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK WOOD CHIPPING, LOADING + TRANSPORTING CLEAN FILL, ASPHALT PAVING OF BLDG FLOORS, COVERING WINDOWS W/ POLY

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, CHIPPER, EQUIPMENT, TRAFFIC, HOT ASPHALT, WIND, AERIAL LIFT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Tomey Green	ERRG	[signature]
Kim Bailey	ERRG	[signature]
B. Mendoza	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
[illegible]	[illegible]	[signature]
Spence Thomas	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Boris Portillo	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Bubst	ERRG	[signature]
Ty Arm	ERRG	[signature]
Sergio G Juarez	Davey Tree	[signature]
Tobias Madrigal	Davey Tree	[signature]
Travis Stephens	Jerico	[signature]
Nick Rogers	Jerico	[signature]
Phil Bland	Jerico	[signature]
Phil Finley	Jerico	[signature]
John Wright	Jerico	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

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

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
[illegible]	ERRG	[illegible]
J. [illegible]	ERRG	[illegible]

Health & Safety Officer _____ **SUPERINTENDENT** _____

SIGNATURE _____ **SIGNATURE** _____

#3 CLEARING + GRUBBING
#6 IMPORT CLEANSOIL BY BARGE + TRANSPORT

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#8 AERIAL LIFT

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 9 BLDG FOR RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		2/22/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		2/22/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		2/22/13 0700
Employee(s):	Tomey Green		2-22-13 @ 0700
	Tony Bailey		2-22-13 @ 0700
	B. Lundasco		2-22-13 @ 0700
	Fernando Loza		2-22-13 0700
	ENRIQUE MARTINEZ		2-22-13 0700
	Anthony		2-22-13 0700
	Brian Kerr		2-22-13 0700
	Boris		2-22-13 0700
	Spencer Johnson		2/22/13 0700
	Mike Batosz		2/22/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	2/22/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:		Page:	1 of 1
Site Visitors:	JEFF SALA, JOHN BUTLER, PATSY CANDLOY, ULYSSES POWELL - KLEINFELDER		

Description of Field Activities:

PREP FLOOR + PAVING, BLDG 113

GRADING ON SLOPE BEHIND BLDG. 113

BARGE UNLOADING FILL SOIL, TRANSPORTING TO SLOPE AREA.

COVERING WINDOWS ON BLDG. 103

DAVEY TREE WOOD CHIPPING.

EQUIPMENT: EXCAVATOR, BULLDOZER, 2 OFF-ROAD DUMP TRUCKS, LOADER, WATER TRUCK, ROLLER, ASPHALT LIFT, 2 KUBOTAS.

Signed: [signature] Date: 2/22/13

ERRG

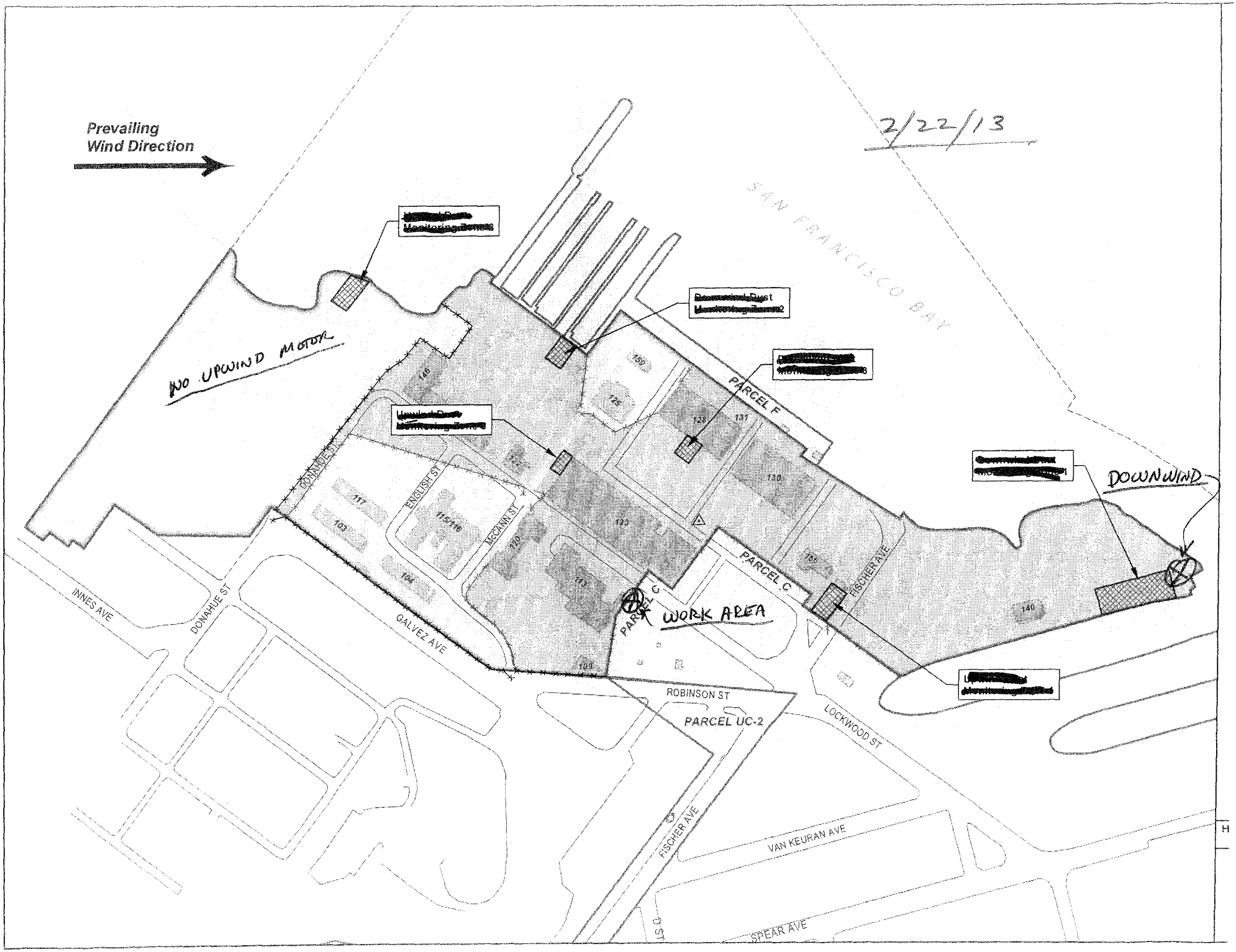
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND NO MOTOR					
WORK AREA DOWNWIND	2/22/13	0734	0.014	0.017	
OF BLDG 113, MOTOR # 1008		0933	0.038	0.024	
		1049	0.042	0.030	
		1130	0.042	0.032	
		1239	0.055	0.035	
		1359	0.041	0.038	
		1439	0.045	0.037	
DOWNWIND DRY DOCK #3	2/22/13	0725	0.038	0.037	
@ SHORELINE, MOTOR # 10973		0927	0.038	0.033	
		1045	0.047	0.033	
		1133	0.053	0.034	
		1236	0.043	0.034	
		1353	0.056	0.034	
		1445	0.034	0.033	



Prevailing
Wind Direction
2/22/13
SAN FRANCISCO BAY
NO UPWIND MOTOR
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
146
150
125
128
131
130
123
120
113
109
117
103
104
115/116
156
140

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT (BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: 972 G Loader	Model No.:	Serial No.: Cat 092GJLS00461

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	X		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	X		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	X		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)	X		
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	X		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	X		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)	X		
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)	X		
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i		X	
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a)	X		
11. Has bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (18.G.11)	X		
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (18.G.14)			X
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or flasher visible from all directions? (18.G.15)	X		
14. Is all mechanized equipment shut down before and during refueling? (18.G.10)	X		
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (18.G.28a)			X
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (18.G.27)	X		
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (18.G.29b)	X		
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178? (18.G.29b(1))	X		
19. Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (18.G.21)	X		
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 10-B: C? (18.G.23)	X		
21. Is there an effective, working reverse alarm? (18.B.01)	X		

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)	X		
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	X		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	X		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	X		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	X		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	X		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	X		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)	X		
30. Is roll over protection provided? (18.B.13)	X		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	X		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)	X		
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)	X		
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?	X		
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?	X		
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?	X		
37. MANUFACTURERS LOAD RATING CHART?	X		
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			X
39. INSPECTION OF RIGGING			X
40. COMMUNICATION BETWEEN WORKERS INVOLVED?	X		
41. USING TAG LINES?			X
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			X
43. SURFACE BENEATH EQUIPMENT STABLE?	X		

REMARKS:

* Front Left tire (6" cut)

* 4 Gallons low of Engine oil
Added as needed

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and that it meets all above requirements except as noted under the remarks section.

Competent Person Signature: Boris Perella **Date of Inspection:** 2/19/13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Roller Identification Number: BW 90 AD2

Project Number / Name: 2012-037 HPNS Rental ☒ ERRG ☐

Date: Inspected By:				BK 2/5/13 471.9			BK 2/6/13 473.5								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: BOMAG Identification Number: _____

Project Number / Name: HONS Rental ☒ ERRG ☐

Date: Inspected By:	2-20-13 FL 293.8			2-21-13 FL 295.1			2-22-13 FL 296.1								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A
Tires and rims	☑	☐	☑	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐
Tracks	☐ Drums	☐	☑	☐	☐	☐	☐ Drums	☐	☑	☐	☐	☐	☐	☐	☐
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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 310 Backhoe Identification Number: 221-05-0220

Project Number / Name: HPSYPB Rental ☐ ERRG ☑

Date: Inspected By: PL	2/20/13														
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Man lift Identification Number: 504 1011887

Project Number / Name: HPNS 2012 037 Rental ☒ ERRG ☐

Date: Inspected By:	TG 2-20-13			2-21-13											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: 780-11-7139

Project Number / Name: HPNS [illegible] B Rental ☐ ERRG ☑

Date: Inspected By:	2/13/13 [illegible] 802.3			2/14/14 [illegible] 802.17			2/15/13 [illegible]			2/18/13 [illegible] 802.6 [illegible]			2/19/13 802.1 SO		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐

any equipment defect or damage and corrective actions taken. _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 22/02/13

REPORT NO 069

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Placed and compacted a 4-inch layer of aggregate base course in previous excavation area at the west corner of Building 113. Paved the
	prepared trenches in the center of the foundation of Building 113 with a 2-inch layer of asphalt concrete.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
04	Moved the high-volume air monitoring stations to the monitoring zones for construction phase 2. Finished covering the windows of Building 103
	with temporary plastic sheeting. Offloaded clean imported soil from barge at Dry Dock 3 and started transporting to the soil cover area.
	Completed shaping the subgrade for the soil cover on the slope between Building 109 and McCann St. Set grade stakes on the slope and began
	placing clean imported soil on the slope adjacent to MccCann St. Continued chipping the green waste that was removed from the soil cover area.
	Collected a sample of the clean imported soil for geotechnical analysis.

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

02/22/13 — 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)

Building Foundation Inspection and Restoration

Date: 02/22/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			Paved trenches in center of Bldg 113 with asphalt concrete per spec section 32 10 00
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed 4" layer of AB in previous excavation area in west corner of Bldg 113.
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Paved trenches in center of Bldg 113 with asphalt concrete
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**	**X**			
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			Paved trenches in center of Bldg 113 with asphalt concrete
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 02/22/13

Photo 1: Building Foundation Inspection and Restoration – Compacted 4-inch layer of aggregate base placed in the previous excavation area at the west corner of Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 22, 2013

Photo 2: Soil Cover Installation – Offloading clean imported soil from barge at Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 22, 2013

Photo 3: Soil Cover Installation – Completed subgrade for the soil cover on the slope between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 22, 2013

Photo 4: Soil Cover Installation – Setting grade stakes to guide placement of the clean imported soil to a thickness of 2 feet

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 22, 2013

Photo 5: Soil Cover Installation – Placement of clean imported soil on the slope adjacent to McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 22, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	25/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	070		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Mostly Sunny/Cool
MAX TEMP (F)	60	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,04,07	Conduct tailgate safety meeting, review AHA for excavation/backfill, drilling	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Crew continue moving backfill material to slope behind 113, place and compact	ERRG	1	Project Manager	0
	material. Crew at dry dock loading fill material for placement.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew close off fence around the Phase II excavation alignment.	ERRG	2	QC Staff	20
	Crew begin excavation of the slope behind building 103, place excavated	ERRG	4	Equipment Operators	29
	material in the stockpile area.	ERRG	4	Laborers	17
		ERRG	3	Truck Drivers	18
07	Vironex on site for polylactate injection outside of building 123	Vironex	3	Poly Lactate Crew	24
		ERRG	1	Scientist	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	148
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	9100.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9248.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, Excavation,	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	4
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	4
01	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS
04	30 loads (~600cy) of fill material transported to slope behind building 113
04	17 loads (~340cy) of excavated material from slope behind building 103

James Nores 02/25/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	25/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	070 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold
PM WEATHER	Mostly Sunny/Cool
MAX TEMP (F)	60
MIN TEMP (F)	46

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
03	United Rentals	Bomag 3 ton double smooth drum roller	4
03	ERRG	JD 210 Skip Loader	0
03	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	5
04	Hertz	Bobcat skidsteer loader	1
04	JS Cole	Cat 972 Loader	8
04	JS Cole	Cat D-5 dozer	4

Schedule Activity No.	REMARKS

James Nores 02/25/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/25/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SLOPE GRADING, SOIL COVER, TRANSPORT SOIL, POLYCARBONATE INJECTION

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, TRUCK TRAFFIC, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Toney Green	ERRG	[signature]
Ray Bailey	ERRG	[signature]
Jim Acquiar	ERRG	[signature]
Ron Rodriguez	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Fernando Lara	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Bonnie P	"	[signature]
Spencer Johnson	ERRG	[signature]
J. Gerrick	ERRG	[signature]
Mike Rubel	ERRG	[signature]
RAY HAYES	VIRONA	[signature]
WADE Williams	Vironex	[signature]
Jeff Baker	Vikinex	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#17 Polycarbonate Injection
#3 Clearing + Grubbing
#6 Transport Fill Dirt
#12 Site Grading

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 80 Soil Cover Const.

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/25/13 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	2/25/13 0700
Construction Quality Control Manager:	[redacted] S. Slominski		
Employee(s):	Toney Green	[signature]	2-25-13 0700
	Kirby Bailey	[signature]	2-25-13 0700
	Jim Aguiar	[signature]	2-25-13 0700
	Paul Rodriguez	[signature]	2-25-13 0700
	Brian Kerr	[signature]	2-25-13 0700
	Fernando Loza	[signature]	2-25-13 0700
	Enrique Martinez	[signature]	2-25-13 0700
	Boris P	[signature]	2-25-13 0700
	Spencer Johnson	[signature]	2/25/13 0700
	Joe Carrick	[signature]	2/25/13 0700
	Mike Babyl	[signature]	2/25/13 0700
	Ray Hayes	[signature]	2/25/13 0700
	Wade Williams	[signature]	2.25.13 0700
	Jeff Baker	[signature]	2/25/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	2/25/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	KLEINFELDER – ~~[illegible]~~, JOHN BUTLER, JEFF SALA, P. CANDLOY, U. ALVAREZ		

Description of Field Activities:

MOVING FILL SOIL AWAY FROM DRY DOCK #3 UNLOADING AREA & TRANSPORTING TO SLOPE @ BLDG 113. GRADING SLOPES.

GRADING SLOPE AT BLDG 103, GALVEZ SIDE.

DRIVING WELLS FOR POLYLACTATE INJECTION OUTSIDE BLDG 123 (VIRONEX)

EQUIPMENT: 2 END LOADERS, EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, 2 WATER TRUCKS 2 BULLDOZERS, 2 KUBOTAS.

Signed: [signature] Date: 2/25/13

ERRG

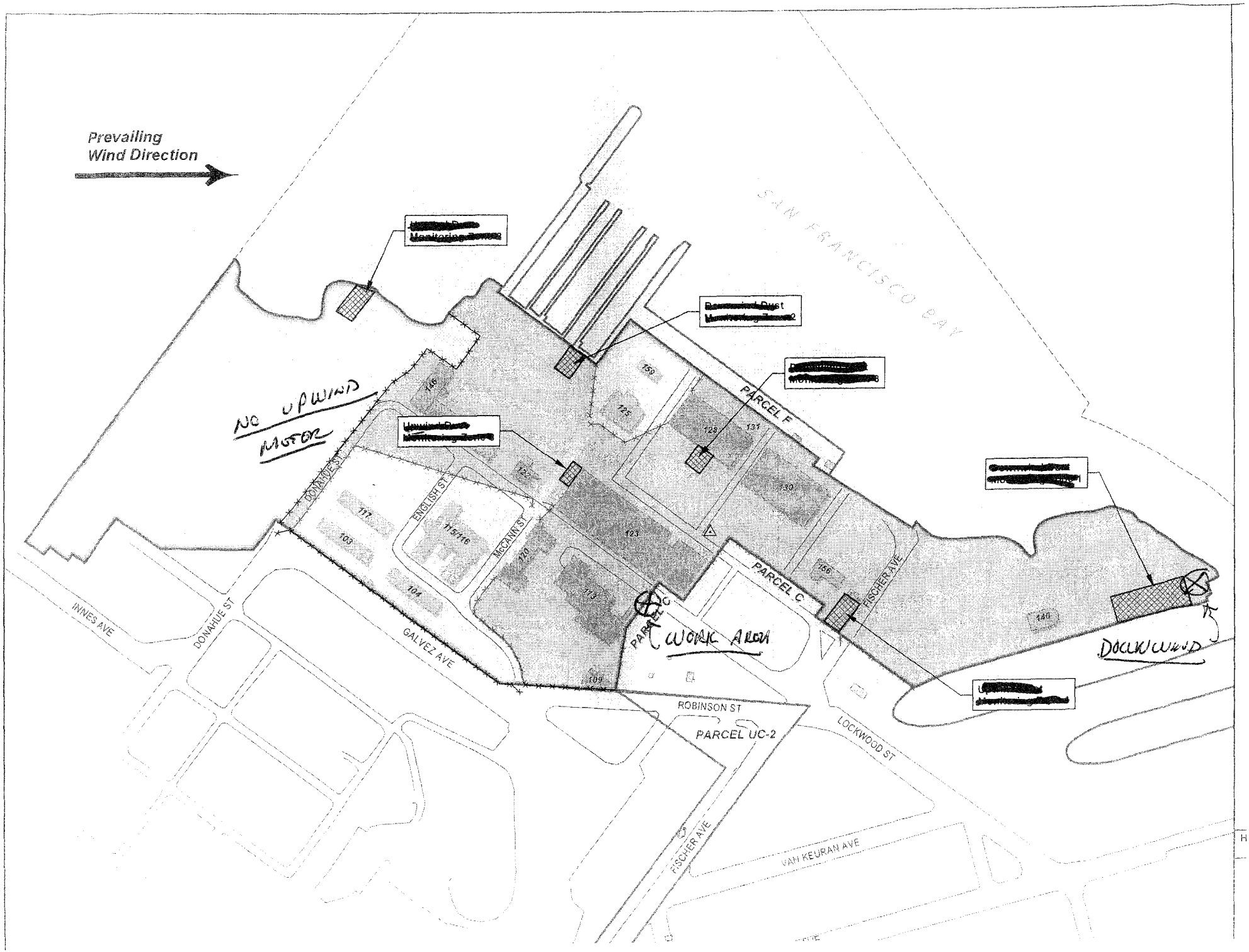
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND	2/25/13	MOTOR INOPERATIVE -			
WORK AREA FENCE NEAR BLDG. 113 - MOTOR # 1008	2/25/13	0733	0.042	0.053	
		0834	0.060	0.059	
		0948	0.062	0.064	
		1038	0.069	0.063	
		1139	0.060	0.063	
		1242	0.054	0.062	
		1347	0.051	0.061	
		1441	0.055	0.060	
		1502	0.049	0.059	
DOWNWIND - DRY DOCK #3 @ SHIPYARD - MOTOR # 10973	2/25/13	0724	0.065	0.079	
		0837	0.063	0.052	
		0946	0.049	0.050	
		1035	0.049	0.049	
		1143	0.045	0.049	
		1239	0.044	0.048	
		1344	0.034	0.046	
		1436	0.036	0.044	
		1506	0.042	0.044	



Prevailing
Wind Direction
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
NO UPWIND
MOTOR
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 25/02/13

REPORT NO 070

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued to transport clean imported soil from stockpile at Dry Dock 3 to the soil cover area. Set grade stakes on the slope between Bulding
	109 and McCann St. to guide installation of the 2-foot soil cover. Continued placing and compacting clean imported soil on the slope between
	Building 109 and McCann St. Installed temporary fencing around the work area for construction phase 2, and began excavation of the slope
	between Building 103 and Galvez Ave to prepare the subgrade for installation of the soil cover.
	Verified that construction activities complied with the Soil Cover Installation checklist.
07	Vironex injected polylactate material into the groundwater at 6 of the injection points located outside Building 123.
	Verified that the activities complied with the Polylactate Injection 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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

02/25/13 — 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)

Soil Cover Installation

Date: 02/25/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**				
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**				
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**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 (31 00 00 Earthwork, Section 3.12.1)?	**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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**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 (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**				
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**				
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**				
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**				
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**				
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**				
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**				
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**				
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**				
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**				
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**				
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**				
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**				
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**				
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**				
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**				
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**				
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification					
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 02/25/13

Polylactate Injection

Date: 02/25/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Does the Field Sampler have 1 year of experience in, and knowledge of, EPA methods for collecting environmental and hazardous waste samples; 1 year of experience in operation of field screening equipment; and 1 season of experience with the particular field screening techniques for use on this project (02 07 00-1 Environmental Sampler 1.6.2)?	**Prep**	**X**			
Has the polylactate injection plan been approved? (02 07 00-1 Polylactate injection plan 1.3.1a, b, c)	**Prep**	**X**			
Does the contractor have a copy of the current C-57 Water Well Contractor's License? (02 07 00-3 Contractor 1.3.5)?	**Prep**	**X**			
Is the drilling equipment capable of advancing the injection tool (02 07 00-4 Drilling Equipment 2.2)?	**Prep**	**X**			
Is the injection pump capable of injecting into the subsurface at pressures as high as 150 psi (02 07 00-4 Injection Pump 2.4)?	**Prep**	**X**			
Has the contracting officer been notified at least 48 hours before commencement of injection? (02 07 00-6 Polylactate Injection 3.5)	**Prep**	**X**			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	**Initial**				
Does the drilling company have a minimum of 3 years of well installation experience and at least 3 years of years of experience working on projects involving CERCLA or RCRA hazardous wastes? (02 05 22-2 Qualifications 1.5)	**Initial**				
Has the concrete (if applicable) been cored to a diameter large enough to facilitate direct push drilling without additional damage to surrounding paved surface? (02 07 00-5 Coring in paved area 3.4)	**Initial**				
Has the polylactate been heated to 105 degrees F before injection (02 07 00-4 Polylactate Heating 2.5)?	**Follow up**	**X**			
Is the flow totalizer suited for use with polylactate and have a 100-gallon measurement capacity with an accuracy of 0.1 gallons (02 07 00-4 Flow Totalizer 2.7)?	**Follow up**	**X**			
Has all downhole equipment been decontaminated between each injection (02 07 00-6 Equipment Decontamination 3.6)	**Follow up**	**X**			
Have all cuttings from drill operations been contained in D.O.T.-approved, covered, roll-off soil bins or drums? (02 07 00-6 Containerization and Disposal of drill Cuttings 3.7)	**Follow up**	**X**			
Have slurry, drill cuttings concrete, and other solid or liquid material removed from the borehole during drilling been disposed of in accordance with federal, state, and local laws and regulations? (02 07 00-6 Containerization and Disposal of Drill Cuttings 3.7)	**Follow up**	**X**			
Have the injection locations been GPS Surveyed with an accuracy of at least one foot? (02 07 00-7 GPS Surveys 3.8)	**Follow up**	**X**			
Have coated pellets been used as fill below the water level? (02 07 00-7 Construction oversight 3.9)	**Follow up**				
Has the borehole been filled above the water level with hydrated bentonite pellets to the surface? (02 07 00-7 Construction oversight 3.9)	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have all tools, appliances, surplus materials, temporary drainage, rubbish, and debris incidental to work been removed? (02 07 00-7 Site Cleanup 3.11)	**Follow up**				
Have all utilities, structures, walls, or any other pre-existing item which must be repaired or replaced due to contractor's damage been repaired or replaced? (02 07 00-7 Site Cleanup 3.11)	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified that approved polylactate product was delivered
Calibration					

Note: Spec's refer to the project Specifications, RAWP refers to Remedial Action Work Plan, APP refers to Accident Prevention Plan, SAP refers to Sampling and Analysis Plan.

QC Manager: Spencer Slominski	Date: 02/25/13

Photo 1: Soil Cover Installation – Excavation of the slope in the soil cover area between Building 103 and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 25, 2013

Photo 2: Soil Cover Installation – Transport of clean imported soil material to the soil cover area between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 25, 2013

Photo 3: Soil Cover Installation –Placement of clean imported soil on the slope between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 25, 2013

Photo 4: Soil Cover Installation – Placement of clean imported soil on the slope between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 25, 2013

Photo 5: Polylactate Injection – Pumping polylactate material into groundwater through injection point located outside Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 25, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	26/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	071		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool	PM WEATHER	Mostly Sunny/mild
MAX TEMP (F)	63	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,04,07	Conduct tailgate safety meeting, review AHA for excavation/backfill, drilling	ERRG	1	Superintendent	13
		ERRG	1	Construction Manager	4
04	Crew continue moving backfill material to slope behind 113, place and compact	Jerico	5	Barge Crew	45
	material. Crew at dry dock loading fill material for placement.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	14
04	Crew continue excavation of the slope behind building 103, place excavated	ERRG	2	QC Staff	25
	stockpile area.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	30
07	Vironex on site to continue polylactate injection outside of building 123	ERRG	3	Truck Drivers	16
		Vironex	3	Polylactate Crew	27
04	Jerico on site with barge to deliver fill material	ERRG	1	Scientist	9

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	251
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	9248.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9499.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, Excavation,	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	0
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	37 loads (~740cy) of fill material transported to slope behind building 113
04	22 loads (~440cy) of excavated material from slope behind building 103
04	Receive 3681 tons of import fill via barge.

James Nores 02/26/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	26/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	071 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Mostly Sunny/mild
MAX TEMP (F)	63
MIN TEMP (F)	46

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
04	JS Cole	Cat D-5 dozer	4
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
04	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	8

Schedule Activity No.	REMARKS

James Nores 02/26/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/26/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CLEARING SLOPES, SOIL COVER ON SLOPES, IMPORT SOIL BY BARGE, HAUL SOIL, CUT TREES

SAFETY TOPICS PRESENTED

SAFETY TOPICS STIFF, TRUCK TRAFFIC, EQUIPMENT, FALLING BRANCHES, WELL INSPECTION, DRILLING

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed. CHAIN SAW - CHAPS FACE SHIELD, INJECTION - FACE SHIELD

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Brian Kerr	ERRG	
Paul Rodriguez	ERRG	
Enrique Martinez	ERRG	
Jim Kenian	ERRG	
Jeff Baker	Vironex	
Wade Williams	Vironex	
Bonny Pandillo	Virone	
[illegible]	ERRG	
Ray Hanes	Vironex	
Fernando Loza	ERRG	
Mike Babst	ERRG	
Spencer Johnson	ERRG	
Ken Bailey	ERRG	
William Schmidt	ERRG	
Travis Stephens	ERRG	
Ray Gates	ERRG (SERRO)	
Phil Stal	ERRG	
John Wright	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

pg 2

2/26/13

NAME PRINTED	COMPANY	SIGNATURE
Mitchell Johns	GERG (Jerico)	[signature]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

#3 Clearing + Grubbing
#6 Import Material
#10 Soil Cover Construction
#12 Site Grading
#17 Polylactate Injection

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #:

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/26/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	2/26/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Slominski		
Employee(s):	Brian Kerr	[signature]	2/26/13 0700
	Raul Rodriguez	[signature]	2/26/13 0700
	Enrique Martinez	[signature]	2-26-13 - 0700
	Jim Aguiar	[signature]	2-26-13 0700
	Jeff Baker	[signature]	2/26/13 0700
	Wade Williams	[signature]	2/26/13 0700
	Boris Parallo	[signature]	2-26-13 0700
	J. Garcia	[signature]	2/26/13 0700
	RAY HAYES	[signature]	2-26-13 0700
	Fernando Loza	[signature]	2-26-13 0700
	Mike Babst	[signature]	2-26-13
	Spencer Johnson	[signature]	2/26/13 0700
	[illegible]	[signature]	2-26-13 0700
	William Schmidt	[signature]	2-26-13 1000

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	~~Navy~~
Day:	TUESDAY	Date:	2/26/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	US. NAVY – PETER STROGANOFF, DOUG DELANG KLEINFELDER – S. MACKENZIE, CARLEIGH GOLIGHTLY, DORANT WALKER		

Description of Field Activities:

SOIL COVER ON SLOPE BEHIND BLDG 113.

BARGE UNLOADING (JERICO). HAULING SOIL TO SLOPE @ BLDG 113

GRADING ON SLOPE BEHIND BLDG. 103

POLYCARBONATE INSERTION & DRILLING @ BLDG 123. (WIRONIX)

EQUIPMENT – 2 END LOADERS, SKIP LOADER, EXCAVATOR, 2-OFFROAD DUMP TRUCKS, WATER TRUCK, DRILLING RIG, FORKLIFT, 2 KUBOTAS

Signed: _____ Date: _____

ERRG

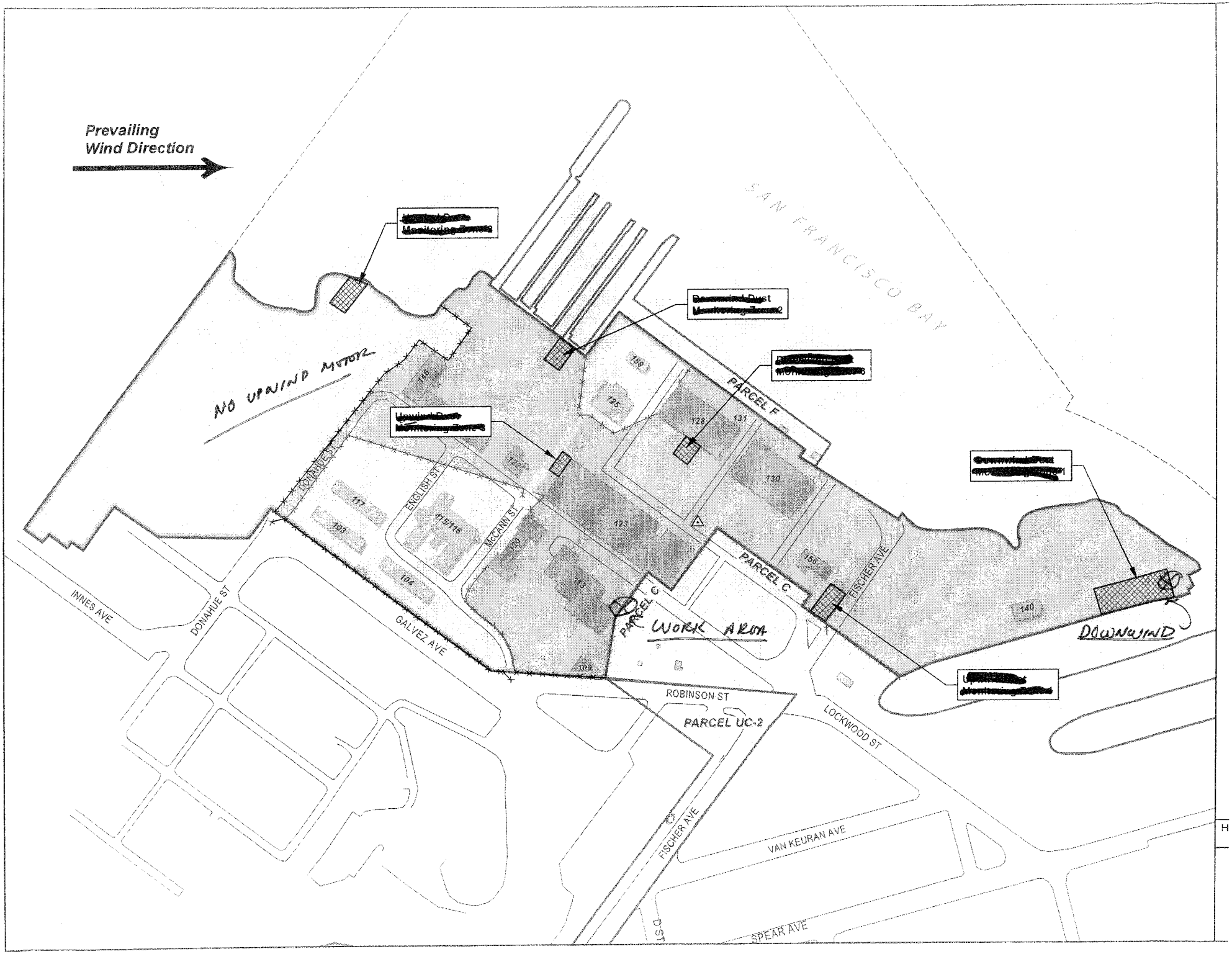
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND	2/26/13	METER NOT AVAILABLE			
WORK AREA NEXT BLDG 113	2/26/13	0728	0.048	0.054	
METER # 1008		0832	0.070	0.058	
		0945	0.061	0.058	
		1032	0.057	0.057	
		1123	0.034	0.056	
		1239	0.044	0.056	
		1348	0.055	0.053	
		1448	0.067	0.056	
		1541	0.060	0.056	
DOWNWIND DRY DOCK #3	2/26/13	0723	0.043	0.043	
@ SHORELINE, METER # 10973		0828	0.047	0.037	
		0935	0.041	0.037	
		1027	0.035	0.037	
		1120	0.034	0.036	
		1244	0.030	0.035	
		1343	0.037	0.034	
		1445	0.033	0.033	
		1545	0.041	0.033	



Prevailing
Wind Direction
SAN FRANCISCO BAY
NO UPWIND MOTOR
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	26/02/13
REPORT NO	071

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Offloaded clean imported soil from barge at Dry Dock 3 and transported to the soil cover area. Continued placing and compacting clean imported
	soil on the slope between Building 109 and McCann St. Continued excavation of the slope between Building 103 and Galvez Ave to prepare the
	subgrade for installation of soil cover.
	Verified that construction activities complied with the Soil Cover Installation checklist.
07	Vironex continued injection of polylactate material into the groundwater at the injection points located outside Building 123.
	Verified that the activities complied with the Polylactate Injection 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
04	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff), Navy CSO (Douglas Delong), ERRG QCM (Spencer Slominski),
	ERRG Superintendent (James Nores), ERRG SSHO (Richard Epp), ERRG foreman (King Bailey), and ERRG QC staff (Spencer Johnson,
	Mike Babst).
	Kleinfelder personnel were on site to conduct groundwater monitoring (performed under a separate contract).

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.

Spencer Slominski — 02/26/13

AUTHORIZED QC MANAGER AT SITE — 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

Soil Cover Installation

Date: 02/26/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22 and 2/26 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**				
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**				
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**				
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**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 (31 00 00 Earthwork, Section 3.12.1)?	**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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**				
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**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 (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**				
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**				
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**				
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**				
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**				
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**				
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**				
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**				
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**				
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**				
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**				
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**				
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**				
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**				
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**				
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**				
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**				
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification					
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 02/26/13

Polylactate Injection

Date: 02/26/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Does the Field Sampler have 1 year of experience in, and knowledge of, EPA methods for collecting environmental and hazardous waste samples; 1 year of experience in operation of field screening equipment; and 1 season of experience with the particular field screening techniques for use on this project (02 07 00-1 Environmental Sampler 1.6.2)?	**Prep**	**X**			
Has the polylactate injection plan been approved? (02 07 00-1 Polylactate injection plan 1.3.1a, b, c)	**Prep**	**X**			
Does the contractor have a copy of the current C-57 Water Well Contractor's License? (02 07 00-3 Contractor 1.3.5)?	**Prep**	**X**			
Is the drilling equipment capable of advancing the injection tool (02 07 00-4 Drilling Equipment 2.2)?	**Prep**	**X**			
Is the injection pump capable of injecting into the subsurface at pressures as high as 150 psi (02 07 00-4 Injection Pump 2.4)?	**Prep**	**X**			
Has the contracting officer been notified at least 48 hours before commencement of injection? (02 07 00-6 Polylactate Injection 3.5)	**Prep**	**X**			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	**Initial**				
Does the drilling company have a minimum of 3 years of well installation experience and at least 3 years of years of experience working on projects involving CERCLA or RCRA hazardous wastes? (02 05 22-2 Qualifications 1.5)	**Initial**				
Has the concrete (if applicable) been cored to a diameter large enough to facilitate direct push drilling without additional damage to surrounding paved surface? (02 07 00-5 Coring in paved area 3.4)	**Initial**				
Has the polylactate been heated to 105 degrees F before injection (02 07 00-4 Polylactate Heating 2.5)?	**Follow up**	**X**			
Is the flow totalizer suited for use with polylactate and have a 100-gallon measurement capacity with an accuracy of 0.1 gallons (02 07 00-4 Flow Totalizer 2.7)?	**Follow up**	**X**			
Has all downhole equipment been decontaminated between each injection (02 07 00-6 Equipment Decontamination 3.6)	**Follow up**	**X**			
Have all cuttings from drill operations been contained in D.O.T.-approved, covered, roll-off soil bins or drums? (02 07 00-6 Containerization and Disposal of drill Cuttings 3.7)	**Follow up**	**X**			
Have slurry, drill cuttings concrete, and other solid or liquid material removed from the borehole during drilling been disposed of in accordance with federal, state, and local laws and regulations? (02 07 00-6 Containerization and Disposal of Drill Cuttings 3.7)	**Follow up**	**X**			
Have the injection locations been GPS Surveyed with an accuracy of at least one foot? (02 07 00-7 GPS Surveys 3.8)	**Follow up**	**X**			
Have coated pellets been used as fill below the water level? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			
Has the borehole been filled above the water level with hydrated bentonite pellets to the surface? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Have all tools, appliances, surplus materials, temporary drainage, rubbish, and debris incidental to work been removed? (02 07 00-7 Site Cleanup 3.11)	**Follow up**				
Have all utilities, structures, walls, or any other pre-existing item which must be repaired or replaced due to contractor's damage been repaired or replaced? (02 07 00-7 Site Cleanup 3.11)	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified that approved polylactate product was delivered
Calibration					

Note: Spec's refer to the project Specifications, RAWP refers to Remedial Action Work Plan, APP refers to Accident Prevention Plan, SAP refers to Sampling and Analysis Plan.

QC Manager: Spencer Slominski	Date: 02/26/13

Photo 1: Soil Cover Installation – Excavation of the slope between Building 103 and Galvez Ave to prepare subgrade for installation of soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 26, 2013

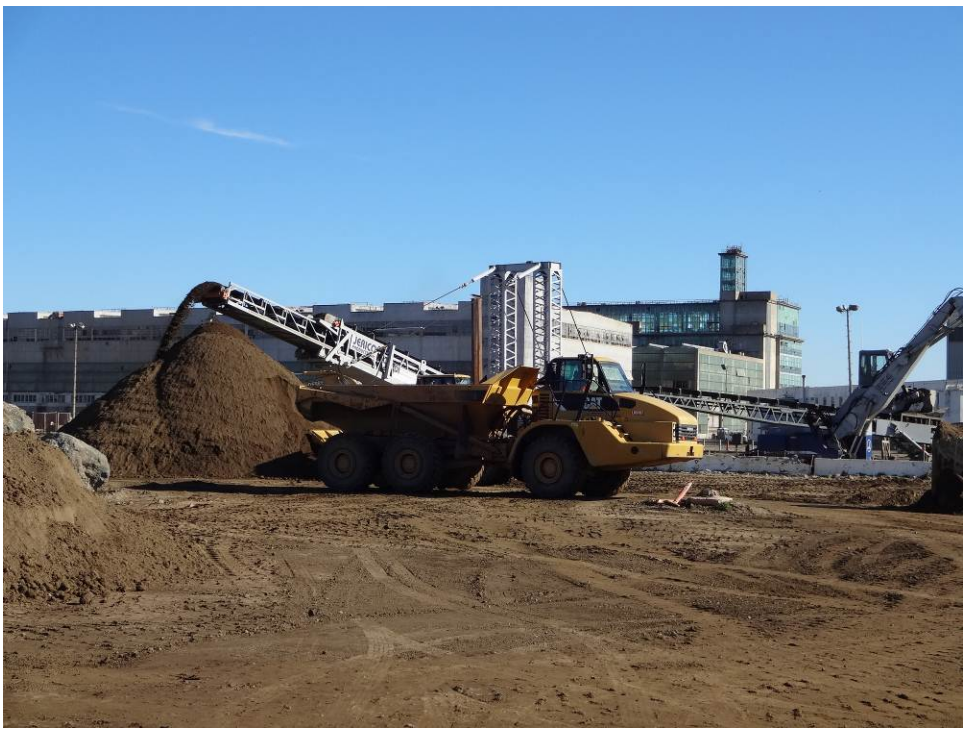


Photo 2: Soil Cover Installation – Offloading clean imported soil from barge at Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 26, 2013

Photo 3: Soil Cover Installation –Placement of clean imported soil on the slope between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 26, 2013

Photo 4: Polylactate Injection –Direct-push drill rig used to advance the injection tool into the subsurface

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 26, 2013

Photo 5: Polylactate Injection – Injection tool at end of the drill rod
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 26, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/02/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	072		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool	PM WEATHER	Mostly Sunny/mild
MAX TEMP (F)	63	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,04,07	Conduct tailgate safety meeting, review AHA for excavation/backfill, drilling	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Crew continue moving backfill material to slope behind 113, place and compact	ERRG	1	Project Manager	0
	material. Crew at dry dock moving/stockpiling material for next delivery.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew continue excavation of the slope behind building 103, place excavated	ERRG	2	QC Staff	20
	stockpile area.	ERRG	3	Equipment Operators	24
		ERRG	5	Laborers	26
07	Vironex on site to continue polylactate injection outside of building 123	ERRG	3	Truck Drivers	16
		Vironex	3	Polylactate Crew	27
		ERRG	1	Scientist	9

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	9499.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9651.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, Excavation, Poly Lactate injection/drilling	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	0
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	2 loads (~40cy) of fill material transported to slope behind building 113
04	30 loads (~600cy) of excavated material from slope behind building 103
	Tenant from Building 116 (Sharon) was witnessed by an ERRG equipment operator working on excavating slope behind B103 walking around in our work area at ~0914, he
	informed ERRG Superintendent, H&S officer and Construction Manager who politely asked her to leave the work area and that she can not come into our work zones. ERRG
	CQC Manager informed the ROICC and CSO. An Incident/Near Miss Report will be forthcoming.

James Nores 02/27/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	072 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Mostly Sunny/mild
MAX TEMP (F)	63
MIN TEMP (F)	46

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
04	JS Cole	Cat D-5 dozer	4
03	ERRG	JD 210 Skip Loader	0
03	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	8

Schedule Activity No.	REMARKS

James Nores 02/27/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/27/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CLEARING + GRUBBING, SITE GRADING, SOIL TRANSPORT + PLACE COVER, POLYUREATHANE INJECTION

SAFETY TOPICS PRESENTED

SAFETY TOPICS STFF, CHAIN SAW USE, EQUIPMENT, TRUCK TRAFFIC, HAUL ROAD CONDITION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., CHAIN SAW - CHAPS + FACE SHIELD, POLY INJECTION - FACE SHIELD

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	
Torey Green	ERRG	
Paul Rodriguez	ERRG	
Brian Kerr	ERRG	
Eurice Martinez	ERRG	
[illegible]	ERRG	
Jeff Baker	VIRONEX	
Ryan Nayer	VIRONEX	
Wade Williams	VIRONEX	
Spencer Johnson	ERRG	
J. Correa	ERRG	
Fernando [illegible]	ERRG	
Spencer [illegible]	ERRG	
Mike Bowles	ERRG	
Ty Allred	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

#3 CLEARING & GRUBBING
#12 SITE GRADING
10 SOIL COVER

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 17 POLYLACTATE INJECTION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		2/27/13 @0700
Site Safety and Health Officer:	[redacted] R. EAP		2/27/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	King Bailey		2-27-13 @0700
	Toney Green		2-27-13 0700
	Paul Rodriguez		2-27-13 0700
	Brian Kers		2-27-13 0700
	Enrique Martinez		2-27-13 0700
	Boris P		2-27-13 0700
	Jeff Baker		2/27/13 0700
	RAY NANIER		2-27-13 0700
	WADE Williams		2-27-13 0700
	Spencer Johnson		2/27/13 0700
	J. Gomez		2/27/13 0700
	Fernando Lou		2-27-13 0700
	Mike Barber		2-27-13 0700
	Jim Aguiar		2-27-13 0700

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DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	2/27/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR	Page:	1 of 1
Site Visitors:	KLEINFELDER – JEFF SAA, JOHN BUTLE		

Description of Field Activities:

MOVING SOIL AWAY FROM DRY DOCK #3 UNLOADING AREA. TRANSPORTING SOIL TO SLOPE BEHIND BLDG. 113 FOR COVER, GRADING COVER.

EXCAVATING SOIL FROM SLOPE BETWEEN BLDG 103 + CALVEZ AVENUE. UNAUTHORIZED ENTRY IN THIS AREA BY TENANT GATHERING GRASS SAMPLES FOR REPLANTING.

POLYLACTATE INJECTION OUTSIDE BLDG 123.

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, END LOADER, 2 BULLDOZERS, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 2/27/13

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AIR MONITORING LOG SHEET

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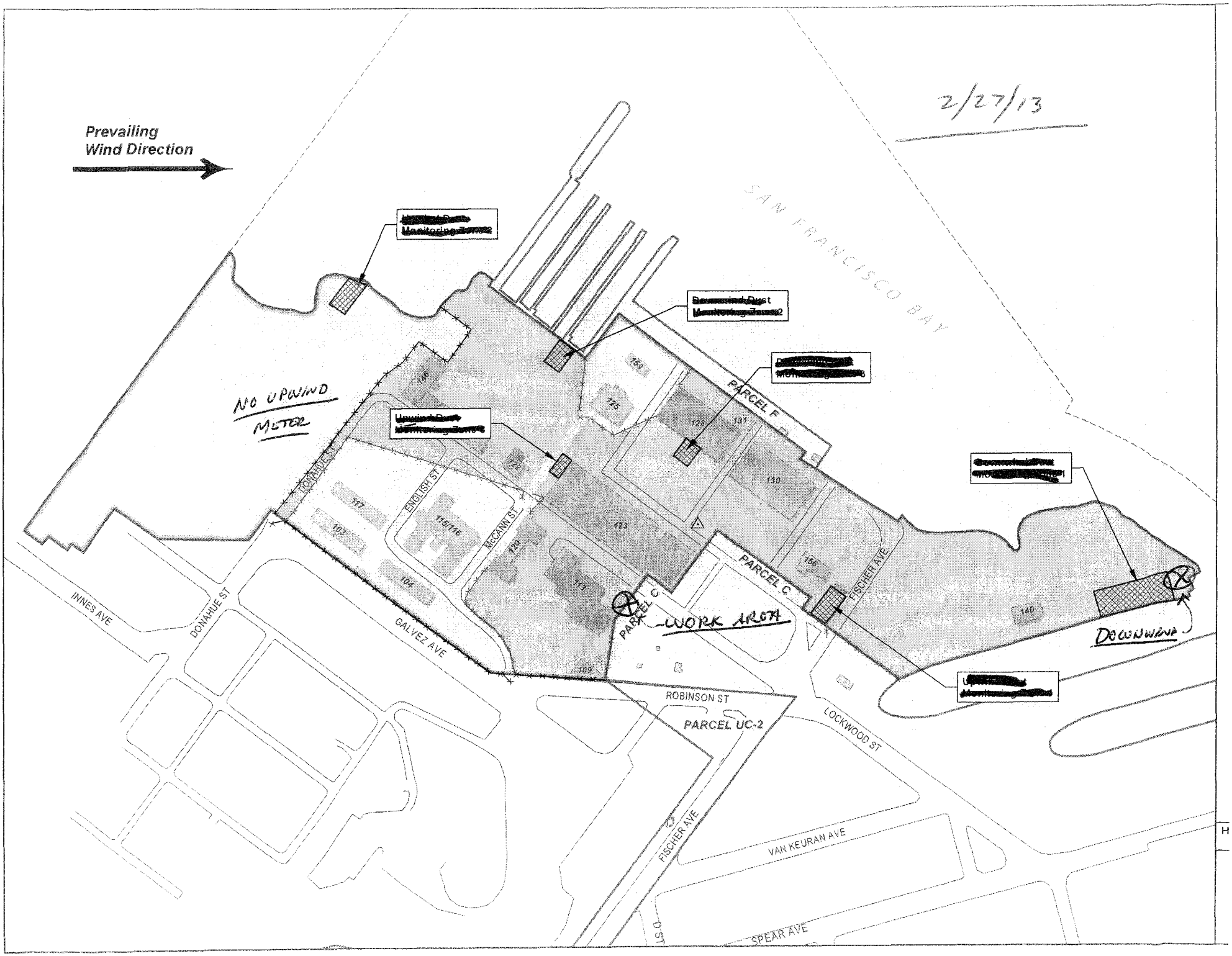
Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: 1 of 1
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND	2/27/13	MOTOR IN FOR REPAIR - RENTAL DUE TOMORROW			
WORK AREA - FORCE	2/27/13	0752	0.043	0.042	
NEXT BLDG 123 - #1008		0850	0.056	0.053	
		1005	0.069	0.063	
		1134	0.074	0.068	
		1302	0.078	0.070	
		1400	0.071	0.070	
		1455	0.079	0.071	
DOWNWIND - DRY DOCK #3	2/27/13	0755	0.038	0.037	
@ SHIPYARD - MOTOR # 10973		0845	0.032	0.029	
		0959	0.033	0.032	
		1130	0.034	0.034	
		1253	0.032	0.034	
		1356	0.038	0.034	
		1500	0.032	0.033	



2/27/13
Prevailing
Wind Direction
SAN FRANCISCO BAY
NO UPWIND
METER
PARCEL F
PARCEL C
PARCEL C
WORK AREA
DOWNWIND
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
146
158
125
128
131
130
122
117
115/116
103
104
120
123
113
109
156
140

Contractor Significant Incident Report (CSIR-1)

eport Date:	Contracting Activity/ROICC Office
2/27/2013	EXCAVATION

ccident Classification:

☐ Injury ☐ Illness ☐ Fatality ☐ Property Damage ☒ Procedural Issues ☐ Environmental

Involving:

☐ Hazardous Materials ☐ Electrical ☐ Equip/Motor Vehicle/ Material Handling ☐ Diving ☐ Falls

☐ Confined Space ☐ Crane/Rigging ☐ Trenching/Entrapment ☐ Fire ☐ Other

☐ Waterfront Operations ☒ Demolition/Renovation

. Personal Data:

A. Name (Last, First, M.)	B. Age	C. Sex	D. Social Security Number
SHARON		F	

E. Job Description/Title	F. Employed By	G. Supervisor s Name
TENANT		

. Witness Data (Attach Witness Summary Statements to Report):

A. Name (Last, First, M.)	B. Age	C. Sex
PORTILLO, BORIS		M

D. Job Description/Title	E. Employed By
EQUIPMENT OPERATOR	ERRG

I. General Information:

A. Date of ~~Accident~~ INCIDENT (Month/Day/Year)	B. Time of ~~Accident~~ INCIDENT	C. Exact Location of ~~Accident~~	D. Type of Construction Equipment (Make, Model, Serial Number, Vin #)
2/27/2013	0914	SLOPED HILLSIDE BETWEEN BLDG. 103 & GALVEZ AVE.	

E. Contract Number/Title	F. Construction Activity SIC	G. Hazardous Material Spill/Releas
N62473-09-D-2608		

H. Type of Contract

☐ Construction
☐ A/E
☐ Service
☐ RAC
☐ CLEAN
☐ JOC
☐ OTHER_____

I. Contractor's Name/Address/Phone Number

(1) Prime: ENGINEERING/REMEDIATION RESOURCES GROUP, INC.
115 SANSOME ST., SUITE 200
SAN FRANCISCO, CA 94104

(2) Sub: 415-395-9974

J. Safety Manager's Name	Phone #	K. Insurance Carrier
RICHARD J. EPP	925-980-4826	
(1) Prime: ERRG	(2) Sub: N/A	(1) Prime: (2) Sub:

1. Work Activity at Time of ~~Accident~~ INCIDENT

.. EXCAVATION

M. Personal Protective Equipment?

(1) Available & Used (2) Not Required
(3) Available & not used (4) Not Related to mishap
(5) Wrong PPE for job
(6) List Type(s) used:

5. Injury/Illness/Fatality Information: N/A

A. Severity of Illness/Injury	B. Estimated Days Lost	C. Estimated Days Hospitalized	D. Estimated Day Restricted Dut

E. List Body Part(s) Affected	F. Nature of Illness/Injury	G. Type and Source of Injury/Illness (1) Type: (2) Source:

6. A. ~~Accident~~ **Description** (Describe in your own words) (Use additional paper if necessary)
INCIDENT

THE ERRG EXCAVATOR WAS EXCAVATING SOIL FROM THE HILLSIDE BETWEEN BLDG. 103 AND GALVEZ AVENUE. THE OPERATOR, BORIS PORTILLO, SAW SHARON, A TENANT OF BLDG #16 ENTER THE AREA EAST OF THE EXCAVATION AND NOTIFIED THE ERRG SUPERINTENDENT, JAMES NORIS, BY TEXT MESSAGE. THE AREA IS COMPLETELY FENCED OFF AND ALL TENANTS HAVE BEEN NOTIFIED AND BRIEFED ON ERRG OPERATIONS. SHARON DID NOT COME IN CLOSE PROXIMITY TO THE AREA BEING EXCAVATED. THE ERRG CONSTRUCTION MANAGER, TYSON APPEL, MET WITH SHARON AND INFORMED HER SHE HAD TO LEAVE THE AREA, WHICH SHE ULTIMATELY DID. SHE WAS TOLD THE AREA IS CLOSED 24/7, WHETHER OR NOT WE ARE ACTIVELY WORKING INSIDE THE SECURED AREA.

B. Who provided first aid and/or cleanup of mishap site? N/A

C. Any blood borne pathogen exposure by other than EMT's? If so who? N/A

D. Was site secured and witness interviews taken immediately? N/A

E. List OSHA and EM 385-1-1 standards/requirements that were violated?

7. **Causal Factors** (Explain yes answers on a supplementary sheet)	YES	NO
Design - Was design of facility, workplace, or equipment a factor?		
Inspection/Maintenance - Were inspection & maintenance procedures a factor?		
Persons Physical Condition - In your opinion, was the physical condition of the person a factor?		
Operating Procedures - Were operating procedures a factor?		
Job Practices - Were any job safety/health practices not followed when the accident occurred?		
Human Factors - Did any human factors such as size or strength of person etc., contribute to the accident?		

Environmental Factors - Did heat, cold, dust, sun, glare, etc., contribute to the accident?

Chemical & Physical Agent Factors - Did exposure to chemical agents, such as dust, fumes, mists, vapors or physical agents such as noise, radiation, etc., contribute to the accident?

Office Factors - Did office setting such as lifting office furniture, carrying, stopping, etc., contribute to the accident?

Support Factors - Were inappropriate tools/resources provided to properly perform the activity task?

Personal Protective Equipment - Did the improper selection use, or maintenance of personal protective equipment contribute to the accident?

Drugs/Alcohol - In your opinion, were drugs or alcohol a factor?

Activity Hazard Analysis - Was the lack of an adequate (IAW EM 385-1-1 Sec 01.A.09) Activity Hazard Analysis a contributing factor?
- Was it site specific and address the type of work/operations performed when the mishap occurred?

Management - Did the lack of adequate supervision contribute to the accident?

- Was inadequate information provided at pre-con meeting?

. **Training:**		
A. Was/were person(s) trained to perform activity/task?		

B. Type of training?

C. Date of most recent formal training? / / D. List topics discussed

9. Fully Explain What Allowed or Caused The Accident, Include Direct and Indirect Causes:

A. Direct Cause

B. Indirect Cause

C. Action(s) taken to prevent re occurrences or provide on-going corrective actions.

D. Corrective Action Dates

(1) Beginning (Mo/Da/Yr) / / (2) Anticipated Completion Date (Mo/Da/Yr) / /

10. OSHA

A. Date OSHA was notified / /	C. Date of OSHA Citation / /
B. Date OSHA Investigated / /	D. $ Amount of Penalties:

11. Report Preparer

Print Name & Title of Supervisor Completing Report

RICHARD J. EPP, PE, CSP
SITE SAFETY + HEALTH OFFICER

Signature: Richard J. Epp Date (Mo/Da/Yr) 2/27/13

12. Management Review (Contracting Officer)

A. ☐ Accepted	B. ☐ Amendments Required	C. ☐ Comments (include program improvements required for your Command. NAVFACHQ Construction Safety Program and EM 385-1-1)

D. Print Name & Title of Official Completing Report

Signature: _____ Date: (Mo/Da/Yr) _____

13. Safety And Occupational Health Officer Review

A. ☐ Concur	B. ☐ Non Concur	C. ☐ Additional Actions/Comments

. Print Name & title of Safety Personnel Reviewing

Signature: _____ Date (Mo/Da/Yr) _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/02/13
REPORT NO	072

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued excavation of the slope between Building 103 and Galvez Ave to prepare the subgrade for installation of soil cover. Continued placing
	and compacting clean imported soil on the slope between Building 109 and McCann St. Performed nuclear density and moisture content testing
	on the compacted cover layer and the vegetative layer installed between Building 109 and McCan St; also performed sand cone compaction test
	on the compacted cover layer. All lifts of the compacted cover layer meet the specified compaction requirement. The vegetative layer (top 6-
	inches) exceeds the maximum specified compaction; the vegetative layer will be tilled prior to seeding the soil cover.
	Verified that construction activities complied with the Soil Cover Installation checklist.
07	Vironex continued injection of polylactate material into the groundwater at the injection points located outside Building 123.
	Verified that the activities complied with the Polylactate Injection checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)		REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)	
Schedule Activity No.	Description	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	A tenant of Building 116 was observed inside the active work zone for construction phase 2. The ERRG Superintendent, SSHO, and Construction
	Manager informed the tenant that she is not allowed inside the work zone; see attached Incident Report.
	Avila & Associates personnel were on site to locate boreholes for geotechnical investigation (activity performed under a separate contract).

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.

Spencer Slominski — 02/27/13

AUTHORIZED QC MANAGER AT SITE — 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

Soil Cover Installation

Date: 02/27/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22 and 2/26 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**		**X**		Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test performed on 2/27; sample collected for moisture content test
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**				Results of laboratory moisture content test are pending
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**				
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**				
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**				
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**				
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**				
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**				
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**				
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**				
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**				
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**				
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**				
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**				
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**				
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**				
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**				
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**				
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**				
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification					
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22 and 2/26 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 02/27/13

Polylactate Injection

Date: 02/27/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Does the Field Sampler have 1 year of experience in, and knowledge of, EPA methods for collecting environmental and hazardous waste samples; 1 year of experience in operation of field screening equipment; and 1 season of experience with the particular field screening techniques for use on this project (02 07 00-1 Environmental Sampler 1.6.2)?	**Prep**	**X**			
Has the polylactate injection plan been approved? (02 07 00-1 Polylactate injection plan 1.3.1a, b, c)	**Prep**	**X**			
Does the contractor have a copy of the current C-57 Water Well Contractor's License? (02 07 00-3 Contractor 1.3.5)?	**Prep**	**X**			
Is the drilling equipment capable of advancing the injection tool (02 07 00-4 Drilling Equipment 2.2)?	**Prep**	**X**			
Is the injection pump capable of injecting into the subsurface at pressures as high as 150 psi (02 07 00-4 Injection Pump 2.4)?	**Prep**	**X**			
Has the contracting officer been notified at least 48 hours before commencement of injection? (02 07 00-6 Polylactate Injection 3.5)	**Prep**	**X**			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	**Initial**				
Does the drilling company have a minimum of 3 years of well installation experience and at least 3 years of years of experience working on projects involving CERCLA or RCRA hazardous wastes? (02 05 22-2 Qualifications 1.5)	**Initial**				
Has the concrete (if applicable) been cored to a diameter large enough to facilitate direct push drilling without additional damage to surrounding paved surface? (02 07 00-5 Coring in paved area 3.4)	**Initial**				
Has the polylactate been heated to 105 degrees F before injection (02 07 00-4 Polylactate Heating 2.5)?	**Follow up**	**X**			
Is the flow totalizer suited for use with polylactate and have a 100-gallon measurement capacity with an accuracy of 0.1 gallons (02 07 00-4 Flow Totalizer 2.7)?	**Follow up**	**X**			
Has all downhole equipment been decontaminated between each injection (02 07 00-6 Equipment Decontamination 3.6)	**Follow up**	**X**			
Have all cuttings from drill operations been contained in D.O.T.-approved, covered, roll-off soil bins or drums? (02 07 00-6 Containerization and Disposal of drill Cuttings 3.7)	**Follow up**	**X**			
Have slurry, drill cuttings concrete, and other solid or liquid material removed from the borehole during drilling been disposed of in accordance with federal, state, and local laws and regulations? (02 07 00-6 Containerization and Disposal of Drill Cuttings 3.7)	**Follow up**	**X**			
Have the injection locations been GPS Surveyed with an accuracy of at least one foot? (02 07 00-7 GPS Surveys 3.8)	**Follow up**	**X**			
Have coated pellets been used as fill below the water level? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			
Has the borehole been filled above the water level with hydrated bentonite pellets to the surface? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Have all tools, appliances, surplus materials, temporary drainage, rubbish, and debris incidental to work been removed? (02 07 00-7 Site Cleanup 3.11)	**Follow up**				
Have all utilities, structures, walls, or any other pre-existing item which must be repaired or replaced due to contractor's damage been repaired or replaced? (02 07 00-7 Site Cleanup 3.11)	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified that approved polylactate product was delivered
Calibration					

Note: Spec's refer to the project Specifications, RAWP refers to Remedial Action Work Plan, APP refers to Accident Prevention Plan, SAP refers to Sampling and Analysis Plan.

QC Manager: Spencer Slominski	Date: 02/27/13

ERRG

Engineering/Remediation Resources Group, Inc.
185 Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No. CPN MC3
Date/Time 2-27-13	Job No. 2012 037	Project/Location HPNS	Source Material Am-241 / Cs-137	Density Std. 35969
Inspector F. LOZA	Project Engineer SPENCER S.	Other		Moisture Std 7087
Curve No. (Sample No. 2)	Max. Density (PCF) 105.8	Min. Density (PCF)	Optimum Water (%) 19.2	Equipment in Use DOZER
Specified % Compaction 90%		Specified % Water +/- 3%	Lab Test Method ASTM D-1557	Field Test Method ASTM D-2922 ASTM D-3017

		Gauge Readings							
Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
1		7"	117.7	17.2	100.5	17.09	95%		1ST LIFT
2		7"	119.1	16.7	102.4	16.35	96%		
3		7"	120.2	19.9	100.3	19.87	95%		
4		7"	112.8	15.5	97.3	15.94	92%		
5		7"	114.1	17.1	96.9	17.67	92%		
6		7"	115.3	16.2	99.0	16.37	94%		2nd LIFT
7		7"	126.7	20.7	106.0	19.55	100%		
8		7"	126.1	19.9	106.2	18.70	100%		
9		7"	120.8	17.4	103.5	16.78	98%		
10		7"	113.3	18.1	95.2	19.04	90%		
11		7"	109.9	15.8	94.1	16.83	89		TOP LIFT
		Average							

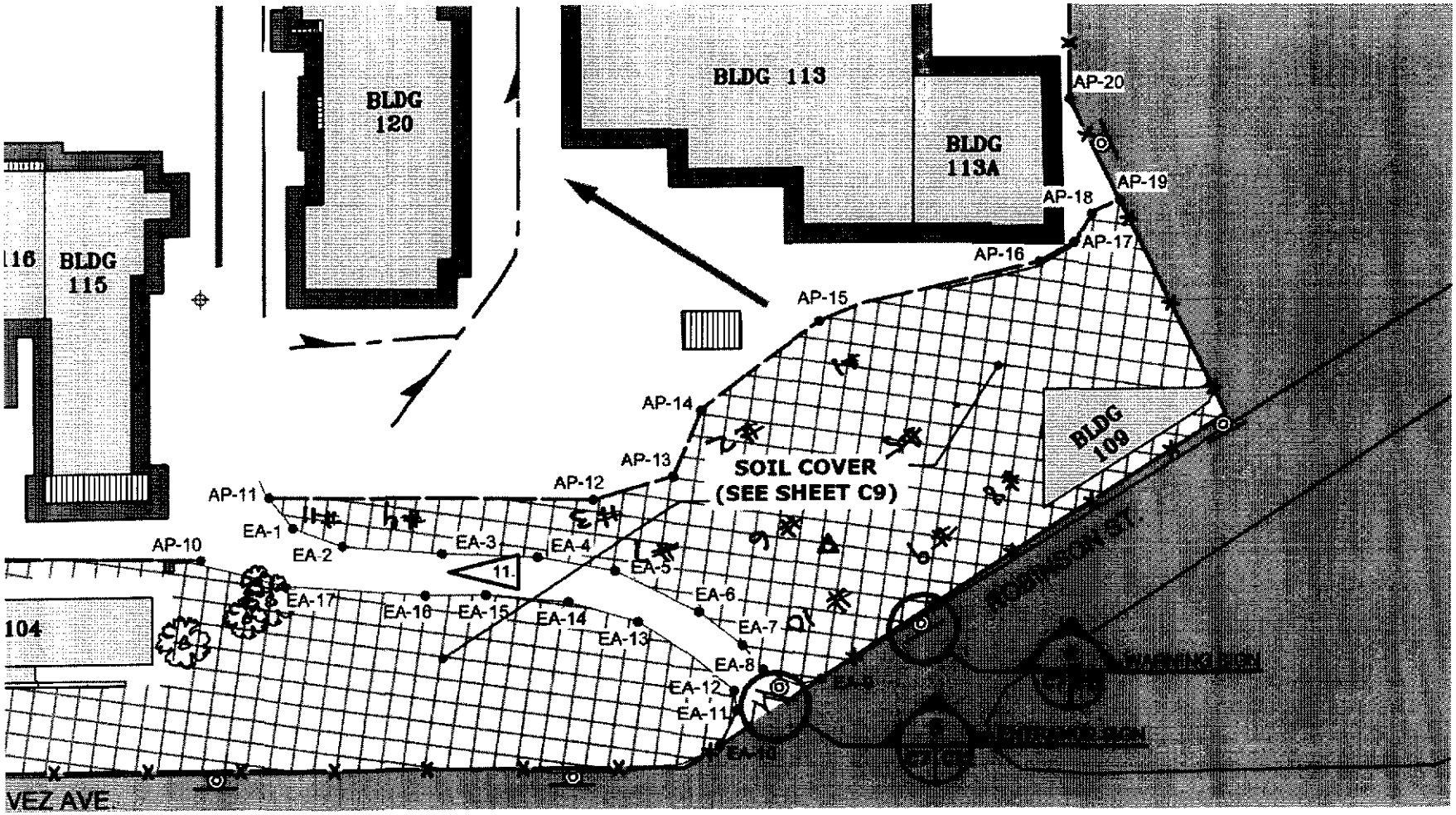
Remarks: TEST# 2 SAND CONE

TEST # 11 TOP 6" ONLY NEED 85% MAX.

TOP LIFT TO BE TILLED PRIOR TO SEEDING.

Inspector: F. LOZA

Reviewed:


BLDG 120
BLDG 113
BLDG 113A
BLDG 115
BLDG 109
104
AP-20
AP-19
AP-18
AP-17
AP-16
AP-15
AP-14
AP-13
AP-12
AP-11
AP-10
SOIL COVER
(SEE SHEET C9)
EA-1
EA-2
EA-3
EA-4
EA-5
EA-6
EA-7
EA-8
EA-11
EA-12
EA-13
EA-14
EA-15
EA-16
EA-17
11.
VEZ AVE.

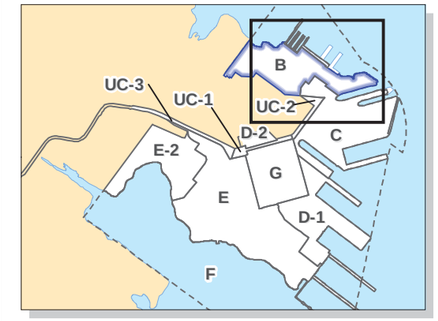
2/27/13

Moisture Content and Sand Cone Samples

Prepared by: S. Johnson
Project Name: HPNS Parcel B
Site Location: San Francisco, CA

Date: 2/27/13
Project No.: 2012-037
Page: 1 of 1

Sample ID	Compaction Test No.	Grid Location	Lift	Nuclear Gauge Moisture Content	Initial Weight ~~(g)~~	Final Weight ~~(g)~~
HPNS-022713-2	2	2	1	16.35	15.580 lb	4.575 lb



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 28/02/13	REPORT NO: 073
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Mostly Sunny/mild	MAX TEMP (F): 63	MIN TEMP (F): 46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,04,07	Conduct tailgate safety meeting, review AHA for excavation/backfill, drilling	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Crew continue compacting slope behind building 113, 120. Crew at dry dock	ERRG	1	Project Manager	0
	3 moving debris piles for next barge delivery.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew continue excavation of the slope behind building 103 and moving around	ERRG	2	QC Staff	20
	the corner to slope along Donahue.	ERRG	3	Equipment Operators	24
		ERRG	4	Laborers	26
07	Vironex on site to continue polylactate injection outside of building 123	ERRG	2	Truck Drivers	14
		Vironex	3	Polylactate Crew	24
		ERRG	1	Scientist	9

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: 147
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: 9651.5
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: 9798.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, Excavation, Polylactate injection/drilling	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	0
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	18 loads (~360cy) of excavated material from slope behind building 103
	During our morning site perimeter fence walk we noticed that the temp fence was breached at the corner of building 115 and that there were some divots in the unexcavated
	slope behind building 103. This was reported to ERRG H&S manager, QC and Superintendent. At ~11:20 an artist from building 116 breached the fence and walked through
	the controlled area to access building 104, this was reported to ERRG Superintendent, QC Manager and H&S Manager. An incident report was filled out for both and will be
	forthcoming. All perimeter fences were secured to help prevent further breaches.

James Nores — 02/28/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 28/02/13
		REPORT NO: 073 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cool	Mostly Sunny/mild	63	46

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
04	JS Cole	Cat D-5 dozer	4
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
04	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	8

Schedule Activity No.	REMARKS

James Nores — 02/28/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 2/28/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CLEARING VEGITATION, EXCAVATING SOIL, PLACING + COMPACTING SOIL COVER, POLYLACTATE INJECTION

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAFF, TENANTS, EQUIPMENT, TRUCK TRAFFIC,

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., INJECTION - FACE SHIELD

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Toney Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Jim Dowitt	ERRG	[signature]
Abel Rodriguez	ERRG	[signature]
Bing Bailey	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Fernando Lara	ERRG	[signature]
J. Cerrito	ERRG	[signature]
Boris Porrelle	ERRG	Boris Porrelle
Ray Hayes	Vironex	[signature]
Wade Williams	Vironex	[signature]
Robert Meyer	Vironex	[signature]
Mike Babel	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
Ty Appel	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#3 CLEARING + GRUBBING
#10 SOIL COVER CONST.
#12 SITE GRADING

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 17 POLYLACTATE INJECTION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/28/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	2/28/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	2/28/13 0700
Employee(s):	Toney Green	[signature]	2-28-13 700
	Brian Kerr	[signature]	2-28-13 0700
	Jim Aguiar	[signature]	2-28-13 0700
	Enrique Martinez	[signature]	2-28-13 0700
	Paul Rodriguez	Paul Rodriguez	2-28-13 0700
	Fernando Loza	[signature]	2-28-13 0700
	King Bailey	[signature]	2-28-13 0700
	Joe Gerrel	[signature]	2/28/13 0700
	Boni P	Boni P	2/28/13 0700
	Ray Hanti	[signature]	2 28 13 0700
	Wade Williams	[signature]	2 28 13 0700
	Robert Meyer	[signature]	2-28-13 0700
	Spencer Johnson	[signature]	2/28/13 0700
	Mike Babst	[signature]	2/28/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	2/28/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR	Page:	1 of 1
Site Visitors:	AVILIE - EUGENIO DIAZ, KLEINFELDER - BRENDAN CONELLY, S. WATER, P. CONDLEY, S. MACKENZIE.		

Description of Field Activities:

SOIL COVER PLACING & COMPACTION BEHIND BLDG 113 ON SLOPE.

SITE GRADING AT BLDG 103 AND ALONG DONAHUE ST.

INSTALLING PLASTIC OVER WINDOWS ON BLDG 117, UPHILL SIDE

REMOVE TREE ON GALVEZ @ BLDG 109

TWO SECURITY BREACHES. ONE OVERNIGHT AND ONE JUST BEFORE NOON, BOTH AT BLDG 116. SEE INCIDENT REPORTS.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, AERIAL LIFT, 2 BULLDOZERS, END LOADER, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 2/28/13

ERRG

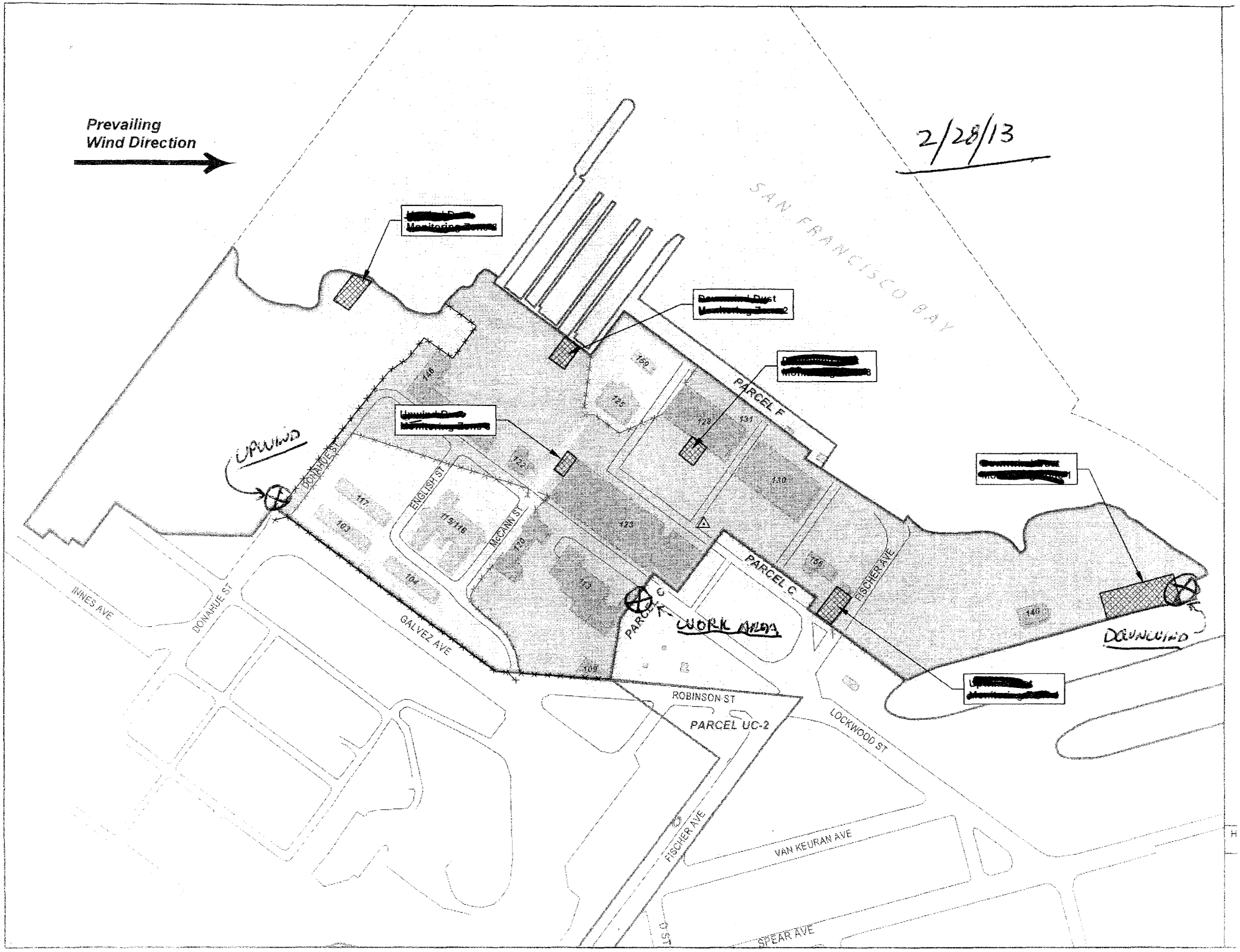
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: 1 of 1
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue + Galvez Motor # 5850	2/28/13	0726	0.048	0.055	
		0840	0.044	0.054	
		0932	0.036	0.058	
		1033	0.057	0.071	
		1253	0.013	0.051	
		1358	0.012	0.048	
		1457	0.007	0.043	
WORK AREA Force Work Bldg 113, Motor # 1008	2/28/13	0737	0.063	0.062	
		0837	0.063	0.066	
		0935	0.081	0.068	
		1037	0.083	0.072	
		1257	0.075	0.075	
		1401	0.075	0.074	
		1454	0.084	0.073	
DOWNWIND Dry Dock #3 @ Shoreline # 10973	2/28/13	0742	0.035	0.039	
		0834	0.029	0.032	
		0939	0.033	0.030	
		1041	0.038	0.032	
		1303	0.017	0.030	
		1406	0.014	0.027	
		1450	0.013	0.026	



Prevailing
Wind Direction
2/28/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
150
125
128
131
130
122
123
120
113
109
117
103
104
115/116
146
156
140

NAVFAC
Naval Facilities Engineering Command

WORKSHEET FOR CONTRACTOR SAFETY SELF-EVALUATION

ROICC OFFICE: NAVFAC SW DATE: 2/28/13
CONTRACTOR: ERRG, INC.
CONTRACT TITLE: REMEDIAL ACTION AT PARCEL B CONTRACT % COMPLETE: 33%
CONTRACTOR SUPERINTENDENT: JAMES NORES

CATEGORY:					Date Corrected:
PREPARATORY PHASE (Planning) Comments/Notes:	(Yes)	(No)	(N/A)	1) Activity Hazard Analysis performed and used on the site for each major phase of the work?	
	(Yes)	(No)	(N/A)	2) Are weekly safety meetings and indoctrination held on site and documented for all workers?	
	(Yes)	(No)	(N/A)	3) Is the submitted safety plan on site and in use?	
	(Yes)	(No)	(N/A)	4) Is the Activity Hazard Analysis reviewed during the preparatory inspection?	
	(Yes)	(No)	(N/A)	5) Hazardous materials program in place with MSDS sheets available and maintained for easy reference?	
	(Yes)	(No)	(N/A)	6) EM 385-1-1 available on the site?	
	(Yes)	(No)	(N/A)	7) Other? Extra Credit? DAILY SAFETY TAILGATE	
OFFICE TRAILER GENERAL Comments/Notes:	(Yes)	(No)	(N/A)	8) Are office and storage trailers anchored?	
	(Yes)	(No)	(N/A)	9) Are emergency phone numbers posted?	
	(Yes)	(No)	(N/A)	10) Is a phone available?	
	(Yes)	(No)	(N/A)	11) First aid log maintained (contractors must use OSHA Form 200)?	
	(Yes)	(No)	(N/A)	12) Toilet facilities available?	
	(Yes)	(No)	(N/A)	13) Site posted "HARD HAT AREA," "NOISE HAZARD," "CONSTRUCTION AREA," etc., as required?	
	(Yes)	(No)	(N/A)	14) Garbage cans and dumpsters available?	
	(Yes)	(No)	(N/A)	15) Jobsite cleaned daily?	
	(Yes)	(No)	(N/A)	16) Is traffic control around site adequate?	
	(Yes)	(No)	(N/A)	17) Other? Extra Credit?	
FIRE PREVENTION Comments/Notes:	(Yes)	(No)	(N/A)	18) Are fire extinguishers available, fully charged, and easily visible within 75 feet for low hazard areas?	
	(Yes)	(No)	(N/A)	19) Is fuel stored in proper containers?	
	(Yes)	(No)	(N/A)	20) Are hot work permits being obtained?	
	(Yes)	(No)	(N/A)	21) Are fire watches provided?	
	(Yes)	(No)	(N/A)	22) Are gas cylinders stored upright and secured with chain or rope?	
	(Yes)	(No)	(N/A)	23) Other? Extra Credit? MONTHLY INSPECTION OF EXTINGUISHERS	
	(Yes)	(No)	(N/A)	24) Other? Extra Credit?	
SCAFFOLD SAFETY Comments/Notes:	(Yes)	(No)	(N/A)	25) Are daily scaffold inspections performed by designated competent person?	
	(Yes)	(No)	(N/A)	26) Planks overlapped not less than 6" or more than 12" over end supports with toe boards in place?	
	(Yes)	(No)	(N/A)	27) Tubing pinned properly and all cross bracing in place?	
	(Yes)	(No)	(N/A)	28) If scaffold height is 4X smallest base dimension, is system secured to structure?	
	(Yes)	(No)	(N/A)	29) All guardrails are in place?	
	(Yes)	(No)	(N/A)	30) Full work platform at each working level with no cracks/splits?	
	(Yes)	(No)	(N/A)	31) Safe access provided to each working level?	
	(Yes)	(No)	(N/A)	32) Scaffold and components not overloaded?	
	(Yes)	(No)	(N/A)	33) Is scaffold system plumb and level?	
	(Yes)	(No)	(N/A)	34) Suspended scaffold systems using independent personal fall arrest system?	
	(Yes)	(No)	(N/A)	35) Other? Extra Credit?	
FALL PROTECTION Comments/Notes:	(Yes)	(No)	(N/A)	36) Is a full body harness used where applicable?	
	(Yes)	(No)	(N/A)	37) Tied off at all times to structural element capable of supporting 5,000 lbs/person 100%?	
	(Yes)	(No)	(N/A)	38) Is protection provided for all working in an areas where they could fall 6' or more?	
	(Yes)	(No)	(N/A)	39) Are employees trained for fall protection systems in use?	
	(Yes)	(No)	(N/A)	40) Has the contractor designated a competent person for fall protection?	
	(Yes)	(No)	(N/A)	41) Have standard guardrails been provided where needed?	
	(Yes)	(No)	(N/A)	42) Have horizontal life lines been designed and installed under supervision of a qualified person?	
	(Yes)	(No)	(N/A)	43) Other? Extra Credit?	

CATEGORY					Date Corrected:
LADDER SAFETY	(Yes)	(No)	(N/A)	44) Do ladders extend 3' above landing platform and tied to structure?	
Comments/Notes:	(Yes)	(No)	(N/A)	45) Are ladders used with hand tools only?	
	(Yes)	(No)	(N/A)	46) Are ladder base distances from structure 1/4 height?	
	(Yes)	(No)	(N/A)	47) Are floor openings either covered or surrounded by a guardrail?	
	(Yes)	(No)	(N/A)	48) Electricians not using portable or conductive ladders?	
	(Yes)	(No)	(N/A)	49) Stairways provided on all structures over 20' during construction and supplied with guardrail?	
	(Yes)	(No)	(N/A)	50) Portable step ladders over 20' not used on the site?	
	(Yes)	(No)	(N/A)	51) Are ladders properly used?	
	(Yes)	(No)	(N/A)	52) Other? Extra Credit?	
EXCAVATIONS	(Yes)	(No)	(N/A)	53) Over 4' deep must have a ladder within 25' and two means of egress?	
Comments/Notes:	(Yes)	(No)	(N/A)	54) Has proper slope or trench box/shoring been provided?	
	(Yes)	(No)	(N/A)	55) Is water controlled/removed?	
	(Yes)	(No)	(N/A)	56) Is excavated material at least 2' back from trench edge?	
	(Yes)	(No)	(N/A)	57) Barricaded, etc., to prevent workers and public from falling into trench/hole?	
	(Yes)	(No)	(N/A)	58) In locations of known or suspected contamination, is excavation atmosphere monitored?	
	(Yes)	(No)	(N/A)	59) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	60) Other? Extra Credit?	
ELECTRICAL	(Yes)	(No)	(N/A)	61) Are temporary power panel and receptacles protected from weather?	
Comments/Notes:	(Yes)	(No)	(N/A)	62) GFI's in use for site tools - applies to existing outlets in renovation projects as well?	
	(Yes)	(No)	(N/A)	63) Temporary lights rigged and secured to supports properly with covers?	
	(Yes)	(No)	(N/A)	64) If overhead power lines in area, are operations maintaining 10' distance or isolation?	
	(Yes)	(No)	(N/A)	65) Is lockout/tagout program in effect?	
	(Yes)	(No)	(N/A)	66) Sketch of proposed temporary power distribution been submitted/accepted before installing?	
	(Yes)	(No)	(N/A)	67) Other? Extra Credit? SIGNAGE FOR OVERHEAD LINES IN PLACE	
	(Yes)	(No)	(N/A)	68) Other? Extra Credit?	
CRANES	(Yes)	(No)	(N/A)	69) Has periodic inspection been performed prior to use on site IAW EM 385-1-1, App. H?	
Comments/Notes:	(Yes)	(No)	(N/A)	70) Are App. H daily start up inspections performed by operator and submitted with DRI?	
	(Yes)	(No)	(N/A)	71) Is crane operator qualified IAW EM 385-1-1, App. G, and is crane certification posted in cab?	
	(Yes)	(No)	(N/A)	72) Are workers protected from the crane swing radius and prevented from passing under the load?	
	(Yes)	(No)	(N/A)	73) Are rigging cables and slings in good repair free of kinks and cracks?	
	(Yes)	(No)	(N/A)	74) Is the crane level and on firm ground and outriggers in use with appropriate cribbing?	
	(Yes)	(No)	(N/A)	75) Is crane side loading prohibited?	
	(Yes)	(No)	(N/A)	76) Near electric power sources, are rules followed for clearance/isolation in operating zone?	
	(Yes)	(No)	(N/A)	77) Is crane equipped with anti two-block device if required?	
	(Yes)	(No)	(N/A)	78) Other? Extra Credit?	
CONFINED SPACES	(Yes)	(No)	(N/A)	79) Has entry plan been submitted and accepted?	
Comments/Notes:	(Yes)	(No)	(N/A)	80) Is atmosphere being monitored?	
	(Yes)	(No)	(N/A)	81) Is space being ventilated?	
	(Yes)	(No)	(N/A)	82) Are entrants, attendants and entry supervisor properly trained?	
	(Yes)	(No)	(N/A)	83) Is rescue/retrieval system in place?	
	(Yes)	(No)	(N/A)	84) Are daily entry permits posted at point of entry and signed by entry supervisor?	
	(Yes)	(No)	(N/A)	85) Is point of entry posted "DANGER CONFINED SPACE"?	
	(Yes)	(No)	(N/A)	86) Has blanking or locking out of systems taken place?	
	(Yes)	(No)	(N/A)	87) Other? Extra Credit?	
ROOFING	(Yes)	(No)	(N/A)	88) Are kettles at least 25 feet away from buildings?	
Comments/Notes:	(Yes)	(No)	(N/A)	89) Has an employee fall protection system been implemented and in proper use?	
	(Yes)	(No)	(N/A)	90) Are skylights and roof penetrations covered or barricaded appropriately?	
	(Yes)	(No)	(N/A)	91) Has the roof been evaluated for its ability to support the intended construction loads?	
	(Yes)	(No)	(N/A)	92) Has the roof been surveyed for deterioration?	
	(Yes)	(No)	(N/A)	93) Are two fire extinguishers at the kettle?	
	(Yes)	(No)	(N/A)	94) Fuel cylinder a minimum of 10' from open flame?	
	(Yes)	(No)	(N/A)	95) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	96) Other? Extra Credit?	

Date Corrected:

CATEGORY:

EQUIPMENT
Comments/Notes:

(Yes)	(No)	(N/A)	97) Are forklift operators qualified through training at the site (certificate included in Safety Plan)?	
(Yes)	(No)	(N/A)	98) Mobile equipment equipped with rollover cages and backup alarms with moving parts adequately guarded?	
(Yes)	(No)	(N/A)	99) Are equipment operations maintaining safe clearance from electrical power lines?	
(Yes)	(No)	(N/A)	100) Modifications meet safety rating in accordance with manufacturer (i.e., lifting personnel with forklift)?	
(Yes)	(No)	(N/A)	101) Are safety lashings provided for high pressure hose connections, i.e., air compressors?	
(Yes)	(No)	(N/A)	102) Are workers clear of blind spots associated with mobile construction equipment?	
(Yes)	(No)	(N/A)	103) Do aerial lifts have basket/platform with guardrail?	
(Yes)	(No)	(N/A)	104) Workers not extending over guardrail of aerial lifts?	
(Yes)	(No)	(N/A)	105) Are articulating boom platforms (JLG type) used with Full Body Harness attached to boom or basket?	
(Yes)	(No)	(N/A)	106) Other? Extra Credit?	
(Yes)	(No)	(N/A)	107) Other? Extra Credit?	

DEMOLITION
Comments/Notes:

(Yes)	(No)	(N/A)	108) Has demolition plan been submitted and accepted?	
(Yes)	(No)	(N/A)	109) Waste not being dropped > 6' unless in an enclosed chute and area secured from traffic?	
(Yes)	(No)	(N/A)	113) For building demolition, has notification been made to State having jurisdiction?	
(Yes)	(No)	(N/A)	114) Are nails removed from scrap lumber/materials?	
(Yes)	(No)	(N/A)	115) Other? Extra Credit?	
(Yes)	(No)	(N/A)	116) Other? Extra Credit?	

PPE
Comments/Notes:

(Yes)	(No)	(N/A)	117) Workers wearing leather shoes (no tennis shoes), long pants and sleeve shirt?	
(Yes)	(No)	(N/A)	118) Hard hats being worn?	
(Yes)	(No)	(N/A)	119) Safety glasses where appropriate?	
(Yes)	(No)	(N/A)	120) Hearing protection where appropriate? (if you need to yell to converse)	
(Yes)	(No)	(N/A)	121) Respirators where appropriate?	
(Yes)	(No)	(N/A)	122) Impalement protection provided where personnel could work above vertical impalement?	
(Yes)	(No)	(N/A)	123) Is lighting adequate?	
(Yes)	(No)	(N/A)	124) Other? Extra Credit?	

ABATEMENT
Comments/Notes:

(Yes)	(No)	(N/A)	125) Has abatement plan been submitted and accepted?	
(Yes)	(No)	(N/A)	126) Is independent air monitoring being performed as required inside and outside barriers?	
(Yes)	(No)	(N/A)	127) Is containment in place without integrity compromise?	
(Yes)	(No)	(N/A)	128) Are employees utilizing appropriate PPE?	
(Yes)	(No)	(N/A)	129) If negative air is used, are fans used continuously and monitored for pressure differential?	
(Yes)	(No)	(N/A)	130) Has baseline been performed and necessary final clearance readings taken?	
(Yes)	(No)	(N/A)	131) Are inspections by independent PQP performed prior to barrier removal?	
(Yes)	(No)	(N/A)	132) Is waste material properly containerized and stored?	
(Yes)	(No)	(N/A)	133) Are air monitoring results provided to ROICC?	
(Yes)	(No)	(N/A)	134) Are waste shipment records provided to ROICC?	
(Yes)	(No)	(N/A)	135) Other? Extra Credit?	

WATERFRONT ACTIVITIES
Comments/Notes:

(Yes)	(No)	(N/A)	136) Are employees wearing appropriate flotation devices (PFDs)?	
(Yes)	(No)	(N/A)	137) Is a space rescue skiff available?	
(Yes)	(No)	(N/A)	138) Are emergency life rings available?	
(Yes)	(No)	(N/A)	139) If diving operations are taking place, has a dive plan been submitted and accepted?	
(Yes)	(No)	(N/A)	140) Does dive team consist of proper number and qualifications for employees?	
(Yes)	(No)	(N/A)	141) Other? Extra Credit? PFD SIGNAGE IN PLACE ON SHORELINE	

SCORING: Total applicable for each category = X (where X includes responses for category of "Yes" and "No" but does not include N/A)
Total with "Yes" responses for each category = Y

SCORE FOR EACH CATEGORY: SCORE RATE EQUATION = Y / X

1 PREPARATORY PHASE:	1	6 LADDER SAFETY:	—	11 ROOFING:	—
2 OFFICE TRAILER GENERAL	1	7 EXCAVATIONS:	—	12 EQUIPMENT:	1
3 FIRE PREVENTION:	1	8 ELECTRICAL:	1	13 DEMOLITION:	1
4 SCAFFOLD SAFETY:	—	9 CRANES:	—	14 PPE:	1
5 FALL PROTECTION:	1	10 CONFINED SPACES	—	15 ABATEMENT:	1
				16 WATERFRONT ACTIVITIES:	1

OVERALL RATING = LOWEST RATING FOR ANY CATEGORY: 1

Contractor Significant Incident Report (CSIR-1)

Report Date:	Contracting Activity/ROICC Office
2/28/13	NAVFAC SW

Accident Classification:

☐ Injury ☐ Illness ☐ Fatality ☐ Property Damage ☒ Procedural Issues ☐ Environmental

Involving:

☐ Hazardous Materials ☐ Electrical ☐ Equip/Motor Vehicle/ Material Handling ☐ Diving ☐ Falls

☐ Confined Space ☐ Crane/Rigging ☐ Trenching/Entrapment ☐ Fire ☐ Other

☐ Waterfront Operations ☐ Demolition/Renovation

2. Personal Data:

A. Name (Last, First, M.)	B. Age	C. Sex	D. Social Security Number
UNKNOWN			

E. Job Description/Title	F. Employed By	G. Supervisor s Name

3. Witness Data (Attach Witness Summary Statements to Report):

A. Name (Last, First, M.)	B. Age	C. Sex
EPP, RICHARD J.	65+	M

D. Job Description/Title	E. Employed By
SITE SAFETY + HEALTH OFFICER	ERRG

4. General Information:

A. Date of ~~Accident~~ INCIDENT (Month/Day/Year)	B. Time of ~~Accident~~ INCIDENT	C. Exact Location of Accident	D. Type of Construction Equipment (Make, Model, Serial Number, Vin #)
AFTER 1530 2/27/13 BEFORE 0700 2/28/13	←	FENCE OPEN 2 PLACES AT SOUTH END OF BLDG. 116	N/A

E. Contract Number/Title	F. Construction Activity SIC	G. Hazardous Material Spill/Release
N62473-09-D-2608		

H. Type of Contract

☐ Construction
☐ A/E
☐ Service
☐ RAC
☐ CLEAN
☐ JOC
☐ OTHER_____

I. Contractor's Name/Address/Phone Number

(1) Prime: ENGINEERING/REMEDIATION RESOURCES GROUP, INC.
115 SANSOME ST., SUITE 200
SAN FRANCISCO, CA 94104
415-395-9974

(2) Sub:

J. Safety Manager's Name	Phone #	K. Insurance Carrier
RICHARD J. EPP	925-980-4826	
(1) Prime: ERRG	(2) Sub: N/A	(1) Prime: (2) Sub:

L. Work Activity at Time of Accident

NONE

M. Personal Protective Equipment?

(1) Available & Used (2) Not Required
(3) Available & not used (4) Not Related to mishap
(5) Wrong PPE for job
(6) List Type(s) used:

5. Injury/Illness/Fatality Information: N/A

A. Severity of Illness/Injury	B. Estimated Days Lost	C. Estimated Days Hospitalized	D. Estimated Day Restricted Dut

E. List Body Part(s) Affected	F. Nature of Illness/Injury	G. Type and Source of Injury/Illness (1) Type: (2) Source:

6. A. ~~Accident~~ Description (Describe in your own words) (Use additional paper if necessary)
INCIDENT

AFTER YESTERDAY'S INCIDENT WHEN SHARON WAS ASKED TO LEAVE THE WORK AREA AND NOT ENTER INTO THE FENCED IN, WORK AREA, THE SSHO CHECKED THE FENCE AND CLOSED ONE SECTION AT BLDG 116 THAT WAS PUSHED OPEN.

THIS MORNING A SECURITY CHECK WAS MADE AND THE FENCE WAS OPEN IN THE SAME LOCATION AND A NEARBY LOCATION, BOTH WERE CLOSED AND T-POSTS DRIVEN TO BETTER SECURE THEM. THE INSIDE WHERE SHARON WAS OBSERVED YESTERDAY ALSO HAS NUMEROUS GRASS DIVOTS REMOVED THAT WERE NOT THERE YESTERDAY.

B. Who provided first aid and/or cleanup of mishap site?

C. Any blood borne pathogen exposure by other than EMT's? If so who?

D. Was site secured and witness interviews taken immediately?

E. List OSHA and EM 385-1-1 standards/requirements that were violated?

7. **Causal Factors** (Explain yes answers on a supplementary sheet)	YES	NO
Design - Was design of facility, workplace, or equipment a factor?		
Inspection/Maintenance - Were inspection & maintenance procedures a factor?		
Persons Physical Condition - In your opinion, was the physical condition of the person a factor?		
Operating Procedures - Were operating procedures a factor?		
Job Practices - Were any job safety/health practices not followed when the accident occurred?		
Human Factors - Did any human factors such as size or strength of person etc., contribute to the accident?		

Environmental Factors - Did heat, cold, dust, sun, glare, etc., contribute to the accident?

Chemical & Physical Agent Factors - Did exposure to chemical agents, such as dust, fumes, mists, vapors or physical agents such as noise, radiation, etc., contribute to the accident?

Office Factors - Did office setting such as lifting office furniture, carrying, stopping, etc., contribute to the accident?

Support Factors - Were inappropriate tools/resources provided to properly perform the activity task?

Personal Protective Equipment - Did the improper selection use, or maintenance of personal protective equipment contribute to the accident?

Drugs/Alcohol - In your opinion, were drugs or alcohol a factor?

Activity Hazard Analysis - Was the lack of an adequate (IAW EM 385-1-1 Sec 01.A.09) Activity Hazard Analysis a contributing factor?
- Was it site specific and address the type of work/operations performed when the mishap occurred?

Management - Did the lack of adequate supervision contribute to the accident?

- Was inadequate information provided at pre-con meeting?

8. Training:

A. Was/were person(s) trained to perform activity/task?

B. Type of training?

C. Date of most recent formal training? / /

D. List topics discussed

9. Fully Explain What Allowed or Caused The Accident, Include Direct and Indirect Causes:

A. Direct Cause

B. Indirect Cause

C. Action(s) taken to prevent re occurrences or provide on-going corrective actions.

D. Corrective Action Dates

(1) Beginning (Mo/Da/Yr) / / (2) Anticipated Completion Date (Mo/Da/Yr) / /

10. OSHA

A. Date OSHA was notified / /	C. Date of OSHA Citation / /
B. Date OSHA Investigated / /	D. $ Amount of Penalties:

11. Report Preparer

Print Name & Title of Supervisor Completing Report

RICHARD J. EPP, PE, CSP
SSHO

Signature: Richard J. Epp Date (Mo/Da/Yr) 2/20/13

12. Management Review (Contracting Officer)

A. ☐ Accepted	B. ☐ Amendments Required	C. ☐ Comments (include program improvements required for your Command. NAVFACHQ Construction Safety Program and EM 385-1-1)

D. Print Name & Title of Official Completing Report

Signature: _____ Date: (Mo/Da/Yr) _____

13. Safety And Occupational Health Officer Review

A. ☐ Concur	B. ☐ Non Concur	C. ☐ Additional Actions/Comments

D. Print Name & title of Safety Personnel Reviewing

Signature: _____ Date (Mo/Da/Yr) _____

Contractor Significant Incident Report (CSIR-1)

Report Date:	Contracting Activity/ROICC Office
2/28/13	NAVFAC SW

Accident Classification:

☐ Injury ☐ Illness ☐ Fatality ☐ Property Damage ☒ Procedural Issues ☐ Environmental

Involving:

☐ Hazardous Materials ☐ Electrical ☐ Equip/Motor Vehicle/ Material Handling ☐ Diving ☐ Falls

☐ Confined Space ☐ Crane/Rigging ☐ Trenching/Entrapment ☐ Fire ☒ Other

☐ Waterfront Operations ☐ Demolition/Renovation

2. Personal Data:

A. Name (Last, First, M.)	B. Age	C. Sex	D. Social Security Number
TALL MALE IN WHITE T-SHIRT			

E. Job Description/Title	F. Employed By	G. Supervisor s Name

3. Witness Data (Attach Witness Summary Statements to Report):

A. Name (Last, First, M.)	B. Age	C. Sex
GREEN, TONEY		M

D. Job Description/Title	E. Employed By
MECHANIC	ERRG

4. General Information:

A. Date of ~~Accident~~ INCIDENT (Month/Day/Year)	B. Time of ~~Accident~~ INCIDENT	C. Exact Location of ~~Accident~~ INCIDENT	D. Type of Construction Equipment (Make, Model, Serial Number, Vin #)
2/28/2013	1130	BETWEEN BLDG 116 & BLDG 104	N/A

E. Contract Number/Title	F. Construction Activity SIC	G. Hazardous Material Spill/Release

H. Type of Contract

☐ Construction
☐ A/E
☐ Service
☐ RAC
☐ CLEAN
☐ JOC
☐ OTHER_____

I. Contractor's Name/Address/Phone Number

(1) Prime: ENGINEERING/REMEDIATION RESOURCES GROUP, INC.
115 SANSOME ST., SUITE 200
SAN FRANCISCO, CA 94104
415-395-9974

(2) Sub:

J. Safety Manager's Name	Phone #	K. Insurance Carrier
RICHARD S. GOP	925-910-4826	
(1) Prime: ERG	(2) Sub: N/A	(1) Prime: (2) Sub:

L. Work Activity at Time of ~~Accident~~ INCIDENT

EXCAVATION, COVERING WINDOWS W/ PLASTIC

M. Personal Protective Equipment?

(1) Available & Used (2) Not Required
(3) Available & not used (4) Not Related to mishap
(5) Wrong PPE for job
(6) List Type(s) used:

5. Injury/Illness/Fatality Information: N/A

A. Severity of Illness/Injury	B. Estimated Days Lost	C. Estimated Days Hospitalized	D. Estimated Day Restricted Dut

E. List Body Part(s) Affected	F. Nature of Illness/Injury	G. Type and Source of Injury/Illness (1) Type: (2) Source:

6. A. ~~Accident~~ Description (Describe in your own words) (Use additional paper if necessary)
INCIDENT

TONY GREEN WAS INSTALLING PLASTIC COVERING OVER BLDG. 117 WINDOWS, WHEN HE OBSERVED A MALE IN A WHITE SHIRT CROSS FROM THE VICINITY OF BLDG. 116 TO BLDG. 104.

FURTHER INVESTIGATION REVEALED THAT THE NEWLY INSTALLED T-POST AT THE CORNER OF BLDG 116 WAS BENT AND LAYING ON THE GROUND NEAR THE FENCE AND THE FENCE WAS PUSHED BACK CLOSED AGAINST THE BUILDING.

B. Who provided first aid and/or cleanup of mishap site?

C. Any blood borne pathogen exposure by other than EMT's? If so who?

D. Was site secured and witness interviews taken immediately?

E. List OSHA and EM 385-1-1 standards/requirements that were violated?

7. Causal Factors (Explain yes answers on a supplementary sheet)	YES	NO
Design - Was design of facility, workplace, or equipment a factor?		
Inspection/Maintenance - Were inspection & maintenance procedures a factor?		
Persons Physical Condition - In your opinion, was the physical condition of the person a factor?		
Operating Procedures - Were operating procedures a factor?		
Job Practices - Were any job safety/health practices not followed when the accident occurred?		
Human Factors - Did any human factors such as size or strength of person etc., contribute to the accident?		

Environmental Factors - Did heat, cold, dust, sun, glare, etc., contribute to the accident?

Chemical & Physical Agent Factors - Did exposure to chemical agents, such as dust, fumes, mists, vapors or physical agents such as noise, radiation, etc., contribute to the accident?

Office Factors - Did office setting such as lifting office furniture, carrying, stopping, etc., contribute to the accident?

Support Factors - Were inappropriate tools/resources provided to properly perform the activity task?

Personal Protective Equipment - Did the improper selection use, or maintenance of personal protective equipment contribute to the accident?

Drugs/Alcohol - In your opinion, were drugs or alcohol a factor?

Activity Hazard Analysis - Was the lack of an adequate (IAW EM 385-1-1 Sec 01.A.09) Activity Hazard Analysis a contributing factor?
- Was it site specific and address the type of work/operations performed when the mishap occurred?

Management - Did the lack of adequate supervision contribute to the accident?

- Was inadequate information provided at pre-con meeting?

8. Training:		
A. Was/were person(s) trained to perform activity/task?		

B. Type of training?

C. Date of most recent formal training? / / D. List topics discussed

9. Fully Explain What Allowed or Caused The Accident, Include Direct and Indirect Causes:

A. Direct Cause

B. Indirect Cause

C. Action(s) taken to prevent re occurrences or provide on-going corrective actions.

D. Corrective Action Dates

(1) Beginning (Mo/Da/Yr) / / (2) Anticipated Completion Date (Mo/Da/Yr) / /

10. OSHA

A. Date OSHA was notified / /	C. Date of OSHA Citation / /
B. Date OSHA Investigated / /	D. $ Amount of Penalties:

11. Report Preparer

Print Name & Title of Supervisor Completing Report

RICHARD J. GYP, PE, CSP
SSHO

Signature: Richard J. Gyp Date (Mo/Da/Yr) 2/28/13

12. Management Review (Contracting Officer)

A. ☐ Accepted	B. ☐ Amendments Required	C. ☐ Comments (include program improvements required for your Command. NAVFACHQ Construction Safety Program and EM 385-1-1)

D. Print Name & Title of Official Completing Report

Signature: _____ Date: (Mo/Da/Yr) _____

13. Safety And Occupational Health Officer Review

A. ☐ Concur	B. ☐ Non Concur	C. ☐ Additional Actions/Comments

D. Print Name & title of Safety Personnel Reviewing

Signature: _____ Date (Mo/Da/Yr) _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 28/02/13

REPORT NO 073

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued excavation of the slope between Building 103 and Galvez Ave to prepare the subgrade for installation of soil cover. Started grading
	the slope along the southeast side of Donahue St to prepare the subgrade for installation of soil cover. Continued compacting the soil cover
	installed on the slope between 109 and McCann St.
	Verified that construction activities complied with the Soil Cover Installation checklist.
07	Vironex continued injection of polylactate material into the groundwater at the injection points located outside Building 123.
	Verified that the activities complied with the Polylactate Injection 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
04	While inspecting the site fence in the morning, it was observed that the fence adjacent to Building 116 had been moved by someone making an
	unauthorized entry into the work zone; see attached Incident Report. While working near Building 117, ERRG personnel observed an
	unauthorized person walk through the work zone between Building 116 and Building 104 and found that the fence near Building 116 had been
	opened; see attached Incident Report.
	Avila & Associates personnel and Kleinfelder personnel were on site performing investigation activities under separate contract.

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.

Spencer Slominski — 02/28/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 02/28/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22 and 2/26 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**		**X**		Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test performed on 2/27; sample collected for moisture content test
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**				Results of laboratory moisture content test are pending
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**				
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**				
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**				
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**				
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**				
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**				
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**				
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**				
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**				
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**				
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**				
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**				
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**				
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**				
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**				
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**				
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**				
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**				
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**				
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification					
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22 and 2/26 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 02/28/13

Polylactate Injection

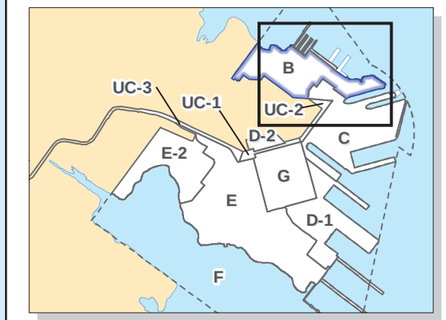
Date: 02/28/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Does the Field Sampler have 1 year of experience in, and knowledge of, EPA methods for collecting environmental and hazardous waste samples; 1 year of experience in operation of field screening equipment; and 1 season of experience with the particular field screening techniques for use on this project (02 07 00-1 Environmental Sampler 1.6.2)?	**Prep**	**X**			
Has the polylactate injection plan been approved? (02 07 00-1 Polylactate injection plan 1.3.1a, b, c)	**Prep**	**X**			
Does the contractor have a copy of the current C-57 Water Well Contractor's License? (02 07 00-3 Contractor 1.3.5)?	**Prep**	**X**			
Is the drilling equipment capable of advancing the injection tool (02 07 00-4 Drilling Equipment 2.2)?	**Prep**	**X**			
Is the injection pump capable of injecting into the subsurface at pressures as high as 150 psi (02 07 00-4 Injection Pump 2.4)?	**Prep**	**X**			
Has the contracting officer been notified at least 48 hours before commencement of injection? (02 07 00-6 Polylactate Injection 3.5)	**Prep**	**X**			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	**Initial**				
Does the drilling company have a minimum of 3 years of well installation experience and at least 3 years of years of experience working on projects involving CERCLA or RCRA hazardous wastes? (02 05 22-2 Qualifications 1.5)	**Initial**				
Has the concrete (if applicable) been cored to a diameter large enough to facilitate direct push drilling without additional damage to surrounding paved surface? (02 07 00-5 Coring in paved area 3.4)	**Initial**				
Has the polylactate been heated to 105 degrees F before injection (02 07 00-4 Polylactate Heating 2.5)?	**Follow up**	**X**			
Is the flow totalizer suited for use with polylactate and have a 100-gallon measurement capacity with an accuracy of 0.1 gallons (02 07 00-4 Flow Totalizer 2.7)?	**Follow up**	**X**			
Has all downhole equipment been decontaminated between each injection (02 07 00-6 Equipment Decontamination 3.6)	**Follow up**	**X**			
Have all cuttings from drill operations been contained in D.O.T.-approved, covered, roll-off soil bins or drums? (02 07 00-6 Containerization and Disposal of drill Cuttings 3.7)	**Follow up**	**X**			
Have slurry, drill cuttings concrete, and other solid or liquid material removed from the borehole during drilling been disposed of in accordance with federal, state, and local laws and regulations? (02 07 00-6 Containerization and Disposal of Drill Cuttings 3.7)	**Follow up**	**X**			
Have the injection locations been GPS Surveyed with an accuracy of at least one foot? (02 07 00-7 GPS Surveys 3.8)	**Follow up**	**X**			
Have coated pellets been used as fill below the water level? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			
Has the borehole been filled above the water level with hydrated bentonite pellets to the surface? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Have all tools, appliances, surplus materials, temporary drainage, rubbish, and debris incidental to work been removed? (02 07 00-7 Site Cleanup 3.11)	**Follow up**				
Have all utilities, structures, walls, or any other pre-existing item which must be repaired or replaced due to contractor's damage been repaired or replaced? (02 07 00-7 Site Cleanup 3.11)	**Follow up**				
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified that approved polylactate product was delivered
Calibration					

Note: Spec's refer to the project Specifications, RAWP refers to Remedial Action Work Plan, APP refers to Accident Prevention Plan, SAP refers to Sampling and Analysis Plan.

QC Manager: Spencer Slominski	Date: 02/28/13



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	01/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	074		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Fog/Cool	PM WEATHER	Mostly Sunny/mild
MAX TEMP (F)	64	MIN TEMP (F)	50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,04,07	Conduct tailgate safety meeting, review AHA for excavation/backfill, drilling	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	6
04	Crew finish placing plastic on the windows of building 117, also secured	ERRG	1	Project Manager	4
	perimeter fencing around the Phase II alignment, placed "Do Not Enter" and	ERRG	1	QC Manager	10
	"Construction Zone" signs all the way around the perimeter fencing.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
04	Crew continue excavation of the slope along Donahue and began work between	ERRG	3	Equipment Operators	17
	building 103 and 117 on the slope.	ERRG	6	Laborers	34
		ERRG	2	Truck Drivers	10
07	Vironex on site to continue polylactate injection inside of building 123.	Vironex	3	Polylactate Crew	24
		ERRG	1	Scientist	9

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	9798.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	9950.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, Excavation, Polylactate injection/drilling	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	0
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
	Site walk today with Navy (Shirley Ng), CSO (Mel Asuncion), DTSC (Ryan Maye), Water Board (Ross Steenson), Tetra Tech Design Engineer (Tim Mower), Circle Point-
	Community outreach/Public Relations for Navy (Matt Robinson). Walked Parcel B sites 7&18 and our current work areas. ERRG Project Manager, Construction Manager and
	CQC Manager escorted them around the site.

James Nores 03/01/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	01/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	074 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Fog/Cool
PM WEATHER	Mostly Sunny/mild
MAX TEMP (F)	64
MIN TEMP (F)	50

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
04	JS Cole	Cat D-5 dozer	4
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

03/01/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE ~~[illegible]~~ 3/1/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, SOIL COVER CONSTRUCTION, CLEARING TREES, TEMP. FENCING, POLYLACTATE INJECTION

SAFETY TOPICS PRESENTED

SAFETY TOPICS STYF, LIFTING, EQUIPMENT, TRUCK TRAFFIC, CHAIN SAW

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., CHAINSAW – CHAPS, FACE SHIELD, POLY INJECTION – FACE SHIELD

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Tony Green	ERRG	
Fernando Loza	ERRG	
Paul Rodriguez	ERRG	
Jim Ashjian	ERRG	
Tom Spain	ERRG	
Brian Kerr	ERRG	
Enrique Martinez	ERRG	
T. Correll	ERRG	
B. Lunsford	ERRG	
M. Rue Bubsal	ERRG	
Ryan Hayes	ERRG	
Matt Cooper	Viromex	
Nick Bailey	ERRG	
Wade Williams	Viromex	
Spencer Slamnick	ERRG	
Spencer Johnson	ERRG	
John Sourial	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG

VISITORS LOG

2012-037

NAME PRINTED	DATE	COMPANY	SIGNATURE
Brandon Connelly	2-28-13	Klein Felder	[illegible]
Stacie Wissler	2-28-13	Kleinfelder	[illegible]
P. Condley	2-28-13	Kleinfelder	[illegible]
S Mackenzie	2-28-13	Kleinfelder	Shannon Mackenzie
Shirley Ng	3-1-13	Roice SF Bay	[illegible]
Matt Assuncion	3/1/13	NAVY CSO	[illegible]
Ryan Mye	3/1/13	DTSC	Ryan Mye
Ross Steenson	3/1/13	Water Board	[illegible]
Keith Fan	3/1/13	U.S. NAVY	[illegible]
Tim Mowe	3.1.13	Tetra Tech	[illegible]
MATT ROBINSON	3/1/13	CIRCLE POINT	

#3 Cleaning + Grubbing
#10 Soil Cover
#12 Site Grubbing
Poly. Injection

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 17

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	3/1/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	3/1/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Slominski	[signature]	3/1/13 0700
Employee(s):	Jimmy Green	[signature]	3-1-13 700
	Paul Rodriguez	[signature]	3-1-13 700
	Fernando Leon	[signature]	3-1-13 0700
	Jim Aguiar	[signature]	3-1-13 0700
	Brian Kerr	[signature]	3-1-13 0700
	Boris P	[signature]	3-1-13 0700
	Enrique Martinez	[signature]	3-1-13 0700
	J. Correch	[signature]	3/1/13 0700
	B. Lanasco	[signature]	3-1-13 0700
	Mike Babst	[signature]	3-1-13 0700
	Ray Hayes	[signature]	3/1/13 0700
	Matt Coames	[signature]	3/1/13 0700
	Wade Williams	[signature]	3/1/13 0700
	Ray [illegible]		
	Spencer Johnson	[signature]	3/1/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY 3/1/13	Date:	3/1/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG, CLEARING @ 1130, CLEAR	Page:	____ of ____
Site Visitors:	(SEE ATTACHED VISITOR LOG.)		

Description of Field Activities:

EXCAVATION & GRADING ALONG DONAHUE & BLDG 103.

TEMP. FENCE ALONG DRIVEWAY BETWEEN 103 & 104.

INSTALLED MORE "CONSTRUCTION AREA" SIGNS ON TEMP FENCING AROUND ARTIST AREA AND GALVEZ AVE.

CHECK AND ADD BMP'S AS NECESSARY ON STOCKPILES.

EQUIPMENT: EXCAVATOR, BULLDOZER, SKIPLOADER, FORKLIFT, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 3/1/13

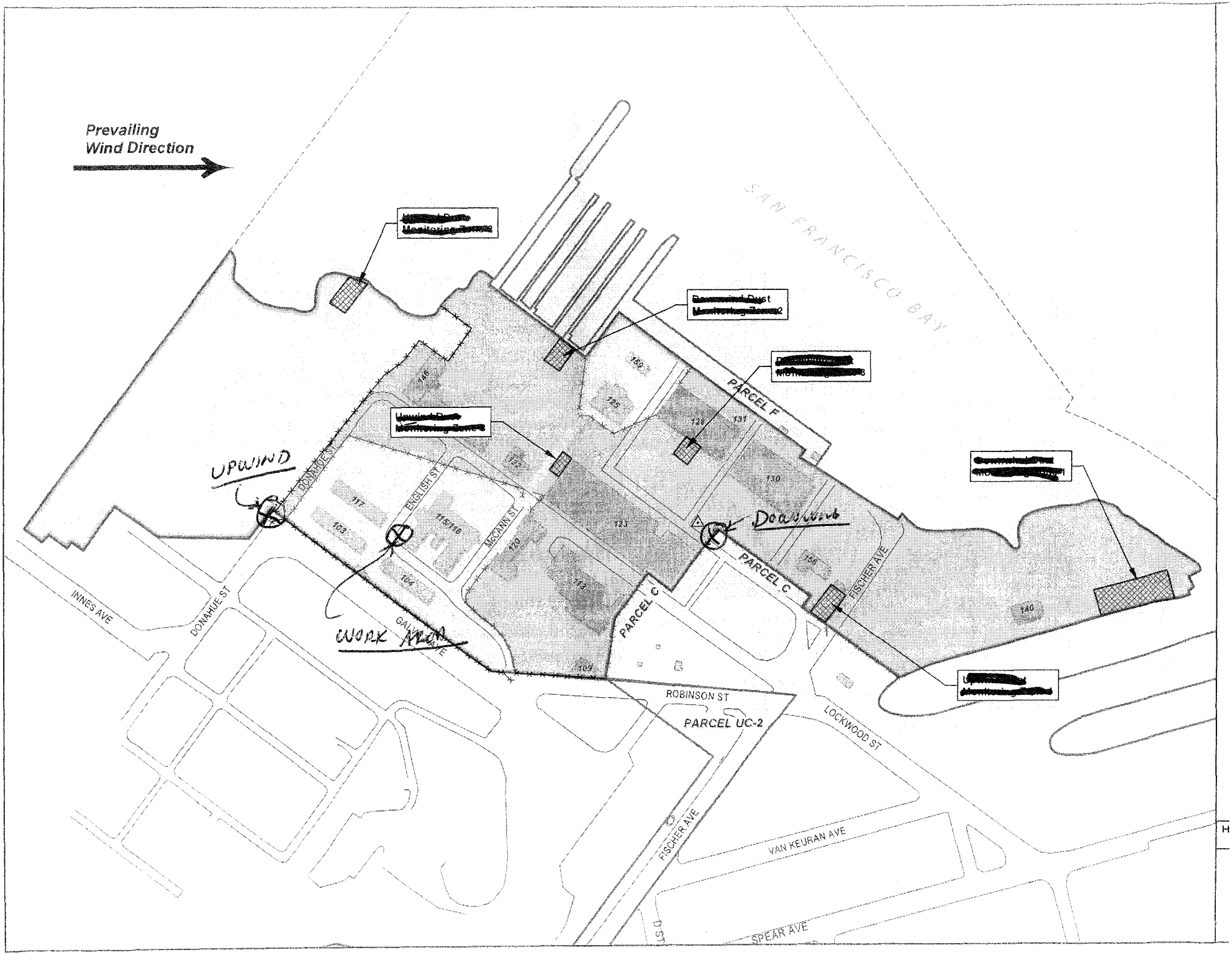
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	3/1/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue + Gaevez	3/1/13	0730	—	—	FOG
Meter # 5058		1105	0.027	0.031	FOG LIFTED
		1147	0.000	0.012	
		1338	0.000	0.006	
		1505	0.000	0.000	
WORK AREA Fence Between	3/1/13	0730	—	—	FOG
Bldg 117 + 116 # 1008		1059	0.019	0.026	FOG LIFTED
		1145	0.000	0.005	
		1335	0.049	0.005	
		1509	0.014	0.009	
DOWNWIND Fence Between	3/1/13	0730	—	—	FOG
Parcel B/C @ Bldg 123 # 10973		1054	0.000	0.000	FOG LIFTED
		1143	0.000	0.000	
		1333	0.020	0.000	
		1513	0.000	0.000	


Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
DOWNWIND
WORK AREA
DONAHUE ST
ENGLISH ST
McCANN ST
GALVAN ST
INNES AVE
DONAHUE ST
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
130
122
117
103
115/116
104
120
123
113
109
156
140

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) HPUSY SF	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: John DEERE DOZER	Model No.: 650 K	Serial No.: YC3B96

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	✓		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	✓		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	✓		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)	✓		
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	✓		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	✓		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)			✓
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)			✓
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i			✓
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a)	✓		
11. Has bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (18.G.11)	✓		
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (18.G.14)	✓		
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or flasher visible from all directions? (18.G.15)			✓
14. Is all mechanized equipment shut down before and during refueling? (18.G.10)	✓		
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (18.G.28a)			✓
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (18.G.27)			✓
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (18.G.29b)			✓
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178? (18.G.29b(1))	✓		
19. Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (18.G.21)	✓		
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 10-B: C? (18.G.23)	✓		
21. Is there an effective, working reverse alarm? (18.B.01)			

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)	✓		
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	✓		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	✓		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	✓		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	✓		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	✓		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	✓		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)			✓
30. Is roll over protection provided? (18.B.13)	✓		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	✓		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)	✓		
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)			✓
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?	✓		
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?	✓		
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?	✓		
37. MANUFACTURERS LOAD RATING CHART?			✓
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			✓
39. INSPECTION OF RIGGING			✓
40. COMMUNICATION BETWEEN WORKERS INVOLVED?	✓		
41. USING TAG LINES?			✓
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			✓
43. SURFACE BENEATH EQUIPMENT STABLE?	✓		

REMARKS:

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and that it meets all above requirements except as noted under the remarks section.

Competent Person Signature: [signature] Date of Inspection: 3/1/13

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) HPNS	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: 735 CAT HAUL TRUCK	Model No.: 735	Serial No.:

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	✓		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	✓		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	✓		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)	✓		
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	✓		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	✓		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)	✓		
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)	✓		
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i	✓		
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a)	✓		
11. Has bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (18.G.11)	✓		
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (18.G.14)			✓
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or flasher visible from all directions? (18.G.15)	✓		
14. Is all mechanized equipment shut down before and during refueling? (18.G.10)	✓		
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (18.G.28a)	✓		
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (18.G.27)	✓		
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (18.G.29b)	✓		
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178? (18.G.29b(1))	✓		
19. Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (18.G.21)	✓		
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 10-B: C? (18.G.23)	✓		
21. Is there an effective, working reverse alarm? (18.B.01)	✓		

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)			✓
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	✓		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	✓		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	✓		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	✓		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	✓		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	✓		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)	✓		
30. Is roll over protection provided? (18.B.13)	✓		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	✓		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)	✓		
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)			✓
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?	✓		
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?	✓		
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?	✓		
37. MANUFACTURERS LOAD RATING CHART?	✓		
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			✓
39. INSPECTION OF RIGGING			✓
40. COMMUNICATION BETWEEN WORKERS INVOLVED?			✓
41. USING TAG LINES?			✓
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			✓
43. SURFACE BENEATH EQUIPMENT STABLE?			

REMARKS:

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and that it meets all above requirements except as noted under the remarks section.

Competent Person Signature: [signature] Date of Inspection: 2/19/13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Dozer D4-G Identification Number: 1846

Project Number / Name: HPNSY 2012-037 Rental ☑ ERRG ☐

Date: / Inspected By:	2-25-13 2647.2 Kg			2-28-13 [illegible] 2662.9											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT D-5 Identification Number: LF8V98

Project Number / Name: HDNSY SF Rental ☑ ERRG ☐

Date: Inspected By:	2-25-13 1542.1 JA			2-26-13 1548.9 JA			2-27-13								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. MACHINE DOWN – FUEL PROBLEM

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: John Deere Dozer 650K Identification Number: YC3B96

Project Number / Name: HPNSY SF Rental ☑ ERRG ☐

Date:	2-26-13			3-3-13											
Inspected By:	218.8 JP			220.7 JP											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Indicate any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 644J Loader Identification Number: DW644JX597425 *

Project Number / Name: 2012 037 ITP 54 P8 Rental ☐ ERRG ☑

Date: Inspected By:	2/20/13 PR			2/22/13 JW 3891.1			2-25-13 HAR 3900.4			3-1-13 PR 3905.7					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. fire damage

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 972 Loader Identification Number: _____

Project Number / Name: 2012-037 HPSS Rental ☒ ERRG ☐

Date: Inspected By:	2-22 BP 4749														
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT LOADER 972-6 Identification Number: _____

Project Number / Name: H/P Rental ☒ ERRG ☐

	Kiki			Kiki			Kiki			Kiki					
Date:	2-25-3			2-26-13			2-27-13			2-28-13					
Inspected By:	4756.4			HOR 4763.8			HOR 4773.7			HOR 4780.1					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200 John Deere Excavator Identification Number: _____

Project Number / Name: 2012-037 Hpss Rental ☒ ERRG ☐

Date: Inspected By:	2/25 BP 4617.6			2/26 4624.0			2/27 BP 4630.1			2/28 BP 4636.2			3/1 BP 4642.4		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Right control still Leak oil.
Fixed near 2/26 @ 0900

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 CAT HAUL TRUCK Identification Number: M15884

Project Number / Name: HPNS Rental ☑ ERRG ☐

Date:	2-25-13			2-26-13			2-27-13			2-28-13					
Inspected By:	FL 3335.1			3341.9			3347.9			3351.7					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. BROKEN RIGHT SIDE TOP MIRROR TRANSMISSION SHIFTS HARD! REAR LEFT TIRE DAMAGED.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 CAT HAUL TRUCK Identification Number: M15788

Project Number / Name: HPNS Rental ☒ ERRG ☐

Date: Inspected By:	2797.3 FL 2/19/13			2804.0 JB 2-21-13			2805.1 2-22-13								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. TAIL GATE DAMAGED, FUEL GAUGE DOESN'T WORK

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 CAT HAUL TRUCK Identification Number: M15 780

Project Number / Name: HPNS Rental ☒ ERRG ☐

Date: Inspected By:	2/25/13 BL 28084			BL 2/24/13 2815.0			BL 2/27/13 2821.8								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Fuel gauge

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SKIPI LOADER Identification Number: _____

Project Number / Name: H,P Rental ☐ ERRG ☒

	KIKI			KIKI			KIKI								
Date:	2-19-13			2-20-13			2-21-13			2-22-13					
Inspected By:	HR 13251.5			HR 1326.0			HOR 1330.0			HOR-1333.0					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐
Tracks	EH	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐
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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: ESKIPI **Identification Number:** _____

Project Number / Name: H-P **Rental** ☐ **ERRG** ☑

Inspected By / Date:	3-1-13															
Daily Hours:	1339,8															
	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: Bobcat S130 Identification Number: 259-0324

Project Number / Name: HPNS & PB Rental ☐ ERRG ☑

Date: Inspected By:	2/14/13 2064.9			2/15/13 2067			2-19-13 HR 266:3			2-20-13 HOR 270:4			2-21-13 HOR 272:2		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Kubota Identification Number: TW 11077

Project Number / Name: 2012-037 Rental ☐ ERRG ☒

Date: Inspected By:	2/19/13 BK 539.4			2/20/13 BK 540.4			2/21/13 541.5 BK			2-22-13 542.4 TL					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Kubota Identification Number: 11077

Project Number / Name: HANS Rental ☐ ERRG ☒

Date: Inspected By:	2/27/13 SJ			2/28/13 BL 545.3			3/1/13 BL 546.4								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Drivers tail. light out

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: 780-11-7139

Project Number / Name: HPNS PARCEL B Rental ☐ ERRG ☑

Date: Inspected By:	2/27/13 821.4			2/28/13 823.4			3-1-13 FL 8263								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 04 Freightliner 2K water truck Identification Number: 5197

Project Number / Name: 2012-037 HPNS Parcel B Rental ☐ ERRG ☒

Date:	2/6/13														
Inspected By:	J. N. 2511hrs														
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 water truck Identification Number: 8V94768

Project Number / Name: HPS4 Parcel B Rental ☐ ERRG ☑

Date: Inspected By:	2/25/13 PR 2511.8			2/26/PR 2513.2			2/27/13 PR 2513.2			2/28/13 PR 2513.2			3/1/13 2510.2		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. water pump leaks alot

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 2K WATER TRUCK Identification Number: _____

Project Number / Name: HPNS Rental ☐ ERRG ☒

Date: / Inspected By:	2/20/13 EC 122474			2/21/13 PR 8669											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H2O Truck Identification Number: 7V03957

Project Number / Name: HPS Parcell B Rental ☐ ERRG ☑

Date:	2/25/13			2/26/13			2/27/13			2/28/13			3/1/13		
Inspected By:	R. Rodriguez 870.1			873.5 PR			879.7			883.6 PR			884.1		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Damaged back fender's steps have damage crack on front bumper front sprayer gets jammed up

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 01/03/13

REPORT NO 074

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued excavating and grading the slope along the southeast side of Donahue St to prepare the subgrade for installation of soil cover. Started
	grading the slope between Building 103 and Building 117 to prepare the subgrade for installation of soil cover. Finished installing temporary
	plastic sheeting over the windows of Building 117. Re-aligned the Phase 2 perimeter fencing to allow tenant access on west side of Building 104,
	and installed exclusion zone signage on the perimeter fence.
	Verified that construction activities complied with the Soil Cover Installation checklist.
07	Vironex continued injection of polylactate material into the groundwater at the injection points located inside Building 123.
	Verified that the injection activities complied with the Polylactate Injection 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
	Site vist attended by personnel from the Navy (Shirley Ng, Mel Asuncion, Keith Foreman), DTSC (Ryan Maye), SFRWQCB (Ross Steenson),
	TetraTech (Tim Mower), and Circle Point (Matt Robinson); escorted by ERRG Project Manager, Construction Manager, and QC Manager.

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.

Spencer Slominski — 03/01/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 03/01/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22 and 2/26 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**		**X**		Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test performed on 2/27; sample collected for moisture content test
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Results of laboratory moisture content test are pending
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22 and 2/26 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/01/13

Polylactate Injection

Date: 03/01/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Does the Field Sampler have 1 year of experience in, and knowledge of, EPA methods for collecting environmental and hazardous waste samples; 1 year of experience in operation of field screening equipment; and 1 season of experience with the particular field screening techniques for use on this project (02 07 00-1 Environmental Sampler 1.6.2)?	**Prep**	**X**			
Has the polylactate injection plan been approved? (02 07 00-1 Polylactate injection plan 1.3.1a, b, c)	**Prep**	**X**			
Does the contractor have a copy of the current C-57 Water Well Contractor's License? (02 07 00-3 Contractor 1.3.5)?	**Prep**	**X**			
Is the drilling equipment capable of advancing the injection tool (02 07 00-4 Drilling Equipment 2.2)?	**Prep**	**X**			
Is the injection pump capable of injecting into the subsurface at pressures as high as 150 psi (02 07 00-4 Injection Pump 2.4)?	**Prep**	**X**			
Has the contracting officer been notified at least 48 hours before commencement of injection? (02 07 00-6 Polylactate Injection 3.5)	**Prep**	**X**			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	**Initial**				
Does the drilling company have a minimum of 3 years of well installation experience and at least 3 years of years of experience working on projects involving CERCLA or RCRA hazardous wastes? (02 05 22-2 Qualifications 1.5)	**Initial**				
Has the concrete (if applicable) been cored to a diameter large enough to facilitate direct push drilling without additional damage to surrounding paved surface? (02 07 00-5 Coring in paved area 3.4)	**Initial**				
Has the polylactate been heated to 105 degrees F before injection (02 07 00-4 Polylactate Heating 2.5)?	**Follow up**	**X**			
Is the flow totalizer suited for use with polylactate and have a 100-gallon measurement capacity with an accuracy of 0.1 gallons (02 07 00-4 Flow Totalizer 2.7)?	**Follow up**	**X**			
Has all downhole equipment been decontaminated between each injection (02 07 00-6 Equipment Decontamination 3.6)	**Follow up**	**X**			
Have all cuttings from drill operations been contained in D.O.T.-approved, covered, roll-off soil bins or drums? (02 07 00-6 Containerization and Disposal of drill Cuttings 3.7)	**Follow up**	**X**			
Have slurry, drill cuttings concrete, and other solid or liquid material removed from the borehole during drilling been disposed of in accordance with federal, state, and local laws and regulations? (02 07 00-6 Containerization and Disposal of Drill Cuttings 3.7)	**Follow up**	**X**			
Have the injection locations been GPS Surveyed with an accuracy of at least one foot? (02 07 00-7 GPS Surveys 3.8)	**Follow up**	**X**			
Have coated pellets been used as fill below the water level? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			
Has the borehole been filled above the water level with hydrated bentonite pellets to the surface? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Have all tools, appliances, surplus materials, temporary drainage, rubbish, and debris incidental to work been removed? (02 07 00-7 Site Cleanup 3.11)	**Follow up**	**X**			
Have all utilities, structures, walls, or any other pre-existing item which must be repaired or replaced due to contractor's damage been repaired or replaced? (02 07 00-7 Site Cleanup 3.11)	**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 that approved polylactate product was delivered
Calibration					

Note: Spec's refer to the project Specifications, RAWP refers to Remedial Action Work Plan, APP refers to Accident Prevention Plan, SAP refers to Sampling and Analysis Plan.

QC Manager: Spencer Slominski	Date: 03/01/13

Photo 1: Soil Cover Installation – Subgrade for the soil cover completed between Building 103 and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 1, 2013

Photo 2: Soil Cover Installation – Grading the slope along Donahue St to prepare the subgrade for installation of the soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 1, 2013

Photo 3: Soil Cover Installation –Subgrade for the soil cover on the slope along Donahue St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 1, 2013

Photo 4: Soil Cover Installation – Alignment of the perimeter fence between Building 103 and Building 104 for Construction Phase 2

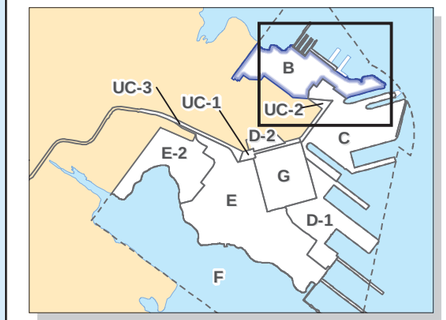
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 1, 2013

Photo 5: Polylactate Injection –Direct-push drill rig set up at typical polylactate injection point inside Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 1, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	04/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	075		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Mostly Sunny/mild
MAX TEMP (F)	57	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,04,07	Conduct tailgate safety meeting, review AHA for excavation/backfill, drilling	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
01	Crew continue moving keel blocks into building 156, stack 3 high inside	ERRG	1	Project Manager	0
	building.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew continue excavation of the slope between building 103 and 117, load	ERRG	2	QC Staff	20
	excavated material and transport and stockpile in lay down area.	ERRG	3	Equipment Operators	24
		ERRG	3	Laborers	15
		ERRG	3	Truck Drivers	17
07	Vironex on site to continue polylactate injection inside of building 123	Vironex	3	Polylactate Crew	24
		ERRG	1	Scientist	9

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	137
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	9950.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10087.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, tree removal, Excavation, Poly Lactate injection/drilling, keel block moving. Also gave safety briefing to City/Lennar Drill
	and consultant crew for their work inside Parcel B.

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		JD 650 Bulldozer

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	8
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	0
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
	Drilling crew on site from Pitcher Drilling with ENGEO, and AEW- City/Lennar work inside Parcel B. Our H&S Officer went over our safety expectations while working within the
	exclusion zones we have established- these contractors do not work for us but are expected to follow all ERRG safety policies while working in Parcel B.
	Klienfelder and CE2 on site today as well- signed visitor log and were escorted by ERRG QC staff.
	Down Cat D-4 dozer demobilized today
04	44 Loads (~880cy) excavated material to the stockpile area

James Nores 03/04/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	04/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	075 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Mostly Sunny/mild
MAX TEMP (F)	57
MIN TEMP (F)	46

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	4
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores 03/04/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/4/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CLEARING + GRUBBING, SOIL COVER, SITE GRADING, POLYMACTATE INJECTION

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, CHAIN SAW, EQUIPMENT, TRUCK TRAFFIC, TOXINTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Torey Green	ERRG	
J. Corrick	ERRG	
Jim Aguilar	ERRG	
Brian Kerr	ERRG	
Jon Rodgers	ERRG	
Fernando Lara	ERRG	
Enrique Martinez	ERRG	
Ben Mathis	Kleinfelder	
Matt Combs	Ultratex	
Wade Williams	Ultratex	
Spencer Johnson	ERRG	
Mike Bubsy	ERRG	
Patrick Slomski	SPRC	
LeRoy (Chan)	ENGEO	
Jeff Filpin	ENGEO	
Ali Salehian	ENGEO	
Ryder Musselman	AEW	
Randall Young	AEW	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
James Nusich	Pitcher Drilling	
Fine Taufatofua	Pitcher Drilling	

SSHO: [redacted]e R. Epp SUPERINTENDENT: James Nores

SIGNATURE: _____ SIGNATURE: _____

3 CLEARING + GRUBBING
10 SOIL COVER
12 SITE GRADING

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 17 POLY INVERTION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/4/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		3/4/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/4/13 0700
Employee(s):	Tony Green		3-4-13 0700
	J. Corrick		3/4/13 0700
	Jim Aguirre		3/4/13 0700
	Brian Kerr		3/4/13 0700
	Paul Rodriguez		3/4/13 0700
	Fernando Loza		3/4/13 0700
	Fernando Martinez		3-4-13 - 0700
	[illegible]		3 4 13 0700
	MATT COOMBS		3-4-13 0700
	WARE WILLIAMS		3-4-13 0700
	Boris		3/4/13 0700
	Spencer Johnson		3/4/13 0700
	Mike Bubst		3/4/13 0700

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DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	3/4/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:		Page:	1 of 1
Site Visitors:	KLEINFELDER – GABRIEL FUSON, BRUCE RUCKER		

Description of Field Activities:

CLEARING SOIL FROM BETWEEN BLDGS. 103 + 117.

LOADING KEEL BLOCKS INTO BLDG. 156

DRILLING COMPANY IN PARCEL B (ENVIRO)

POLYCARBONATE INSTALLATION IN BLDG. 123

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, BULLDOZER, LOADER, SKIP LOADER, FORKLIFT, 2 KUBOTAS, WATER TRUCK.

Signed: [signature] Date:

ERRG

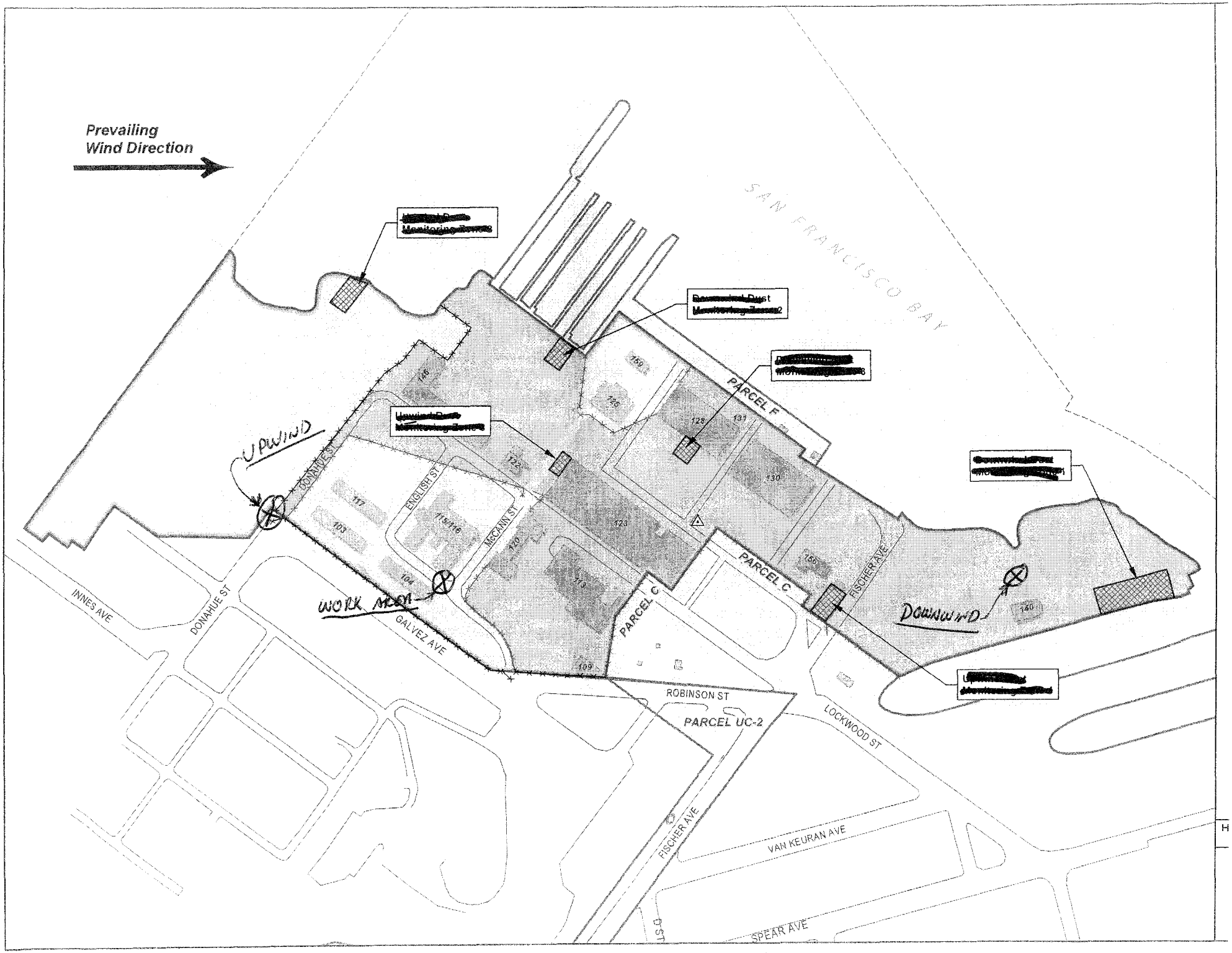
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DONAHUE + GALVEZ	3/4/13	0742	0.036	0.035	
METER # 5850		0832	0.037	0.033	
		0928	0.027	0.034	
		1040	0.020	0.031	
		1128	0.010	0.020	
		1308	0.011	0.023	
		1520	—	—	DEAD
WORK AREA TEMP. FENCE @ EAST END	3/4/13	0748	0.001	0.010	
OF BLDG 104/116 # 1008		0836	0.000	0.000	
		0930	0.000	0.000	
		1042	0.004	0.000	
		1131	0.005	0.000	
		1310	0.009	0.004	
		1516	0.014	0.006	
DOWNWIND PUMP HOUSE	3/4/13	0753	0.000	0.000	
METER # 10973		0839	0.000	0.000	
		0933	0.000	0.000	
		1045	0.000	0.000	
		1134	0.000	0.000	
		1314	0.000	0.000	
		1524	0.000	0.000	



Prevailing
Wind Direction
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
DOWNWIND
WORK AREA
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
SPEAR AVE
D ST
159
146
126
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 04/03/13

REPORT NO 075

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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 #
07	Polylactate Injection	

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
01	Continued moving keel blocks from the pile outside Building 123 into Building 156 for storage.
04	Continued excavating and grading the slope between Building 103 and Building 117 to prepare the subgrade for installation of soil cover.
	Reviewed the results of the sand cone compaction test and laboratory moisture content test performed on the soil cover on 2/27/13.
	Verified that construction activities complied with the Soil Cover Installation checklist.
07	Vironex completed injection of polylactate material into the groundwater at the injection points located inside Building 123.
	Verified that the injection activities complied with the Polylactate Injection 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
	Personnel from ENGEO, Pitcher Drilling, and AEW were on site to perform geotechnical investigation work (conducted under a separate contract).

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.

Spencer Slominski — 03/04/13

AUTHORIZED QC MANAGER AT SITE — 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)

INITIAL PHASE CHECKLIST

SPEC SECTION	DATE
01 35 45.00 10; 02 07 00	04/03/2013

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #7 Polylactate Injection	07	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED _____ HOURS IN ADVANCE: YES ☐ NO ☒

NAME	POSITION	COMPANY/GOVERNMENT
James Nores	Superintendent	ERRG
Spencer Slominski	QC Manager	ERRG
Richard Epp	SSHO	ERRG
Joe Corrick	Scientist	ERRG
Ray Hayes	Injection rig operator	Vironex
Matt Coomes	Injection rig operator	Vironex
Wade Williams	Injection rig operator	Vironex

PROCEDURE COMPLIANCE

IDENTIFIY FULL COMPLIANCE WITH PROCEDURES IDENTIFIED AT PREPARATORY. COORDINATE PLANS, SPECIFICATIONS, AND SUBMITTALS.

COMMENTS: Procedures are in compliance. All pre-construction and product data submittals have been submitted to the ROICC and have been approved.

The work is being performed in accordance with the Revised Polylactate Injection Plan and as described in the specifications. Daily inspections of the work are being documented on the Polylactate Injection checklist.

PRELIMINARY WORK

ENSURE PRELIMINARY WORK IS COMPLETE AND CORRECT. IF NOT, WHAT ACTION IS TAKEN?

Preliminary work is complete. Concrete coring was completed for the injection points located inside Building 123.

WORKMANSHIP

ESTABLISH LEVEL OF WORKMANSHIP.

WHERE IS WORK LOCATED? The polylactate injection area on the interior and exterior of Building 123 at Parcel B, HPNS, 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: SSHO reviewed the AHAs associated with this DFOW, including Installation of Temporary Injection Wells; High Pressure Pumping of Polylactate; and Utility Location and Preliminary Site Surveys.

OTHER

OTHER ITEMS OR REMARKS

Spencer Slominski — QC MANAGER

03/04/13 — DATE

Soil Cover Installation

Date: 03/04/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22 and 2/26 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Completed excavation of slope on SW side of Bldg 103; continued excavation of slope along Donahue St
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test performed on 2/27; sample collected for moisture content test
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			See attached sand cone test report (Sand Cone Test #1)
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22 and 2/26 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/04/13

Polylactate Injection

Date: 03/04/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Does the Field Sampler have 1 year of experience in, and knowledge of, EPA methods for collecting environmental and hazardous waste samples; 1 year of experience in operation of field screening equipment; and 1 season of experience with the particular field screening techniques for use on this project (02 07 00-1 Environmental Sampler 1.6.2)?	**Prep**	**X**			
Has the polylactate injection plan been approved? (02 07 00-1 Polylactate injection plan 1.3.1a, b, c)	**Prep**	**X**			
Does the contractor have a copy of the current C-57 Water Well Contractor's License? (02 07 00-3 Contractor 1.3.5)?	**Prep**	**X**			
Is the drilling equipment capable of advancing the injection tool (02 07 00-4 Drilling Equipment 2.2)?	**Prep**	**X**			
Is the injection pump capable of injecting into the subsurface at pressures as high as 150 psi (02 07 00-4 Injection Pump 2.4)?	**Prep**	**X**			
Has the contracting officer been notified at least 48 hours before commencement of injection? (02 07 00-6 Polylactate Injection 3.5)	**Prep**	**X**			
Are Material Safety Data Sheets (MSDS) provided for any hazardous materials mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6)?	**Initial**	**X**			
Does the drilling company have a minimum of 3 years of well installation experience and at least 3 years of years of experience working on projects involving CERCLA or RCRA hazardous wastes? (02 05 22-2 Qualifications 1.5)	**Initial**	**X**			
Has the concrete (if applicable) been cored to a diameter large enough to facilitate direct push drilling without additional damage to surrounding paved surface? (02 07 00-5 Coring in paved area 3.4)	**Initial**	**X**			
Has the polylactate been heated to 105 degrees F before injection (02 07 00-4 Polylactate Heating 2.5)?	**Follow up**	**X**			
Is the flow totalizer suited for use with polylactate and have a 100-gallon measurement capacity with an accuracy of 0.1 gallons (02 07 00-4 Flow Totalizer 2.7)?	**Follow up**	**X**			
Has all downhole equipment been decontaminated between each injection (02 07 00-6 Equipment Decontamination 3.6)	**Follow up**	**X**			
Have all cuttings from drill operations been contained in D.O.T.-approved, covered, roll-off soil bins or drums? (02 07 00-6 Containerization and Disposal of drill Cuttings 3.7)	**Follow up**	**X**			
Have slurry, drill cuttings concrete, and other solid or liquid material removed from the borehole during drilling been disposed of in accordance with federal, state, and local laws and regulations? (02 07 00-6 Containerization and Disposal of Drill Cuttings 3.7)	**Follow up**	**X**			
Have the injection locations been GPS Surveyed with an accuracy of at least one foot? (02 07 00-7 GPS Surveys 3.8)	**Follow up**	**X**			
Have coated pellets been used as fill below the water level? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			
Has the borehole been filled above the water level with hydrated bentonite pellets to the surface? (02 07 00-7 Construction oversight 3.9)	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Have all tools, appliances, surplus materials, temporary drainage, rubbish, and debris incidental to work been removed? (02 07 00-7 Site Cleanup 3.11)	**Follow up**	**X**			
Have all utilities, structures, walls, or any other pre-existing item which must be repaired or replaced due to contractor's damage been repaired or replaced? (02 07 00-7 Site Cleanup 3.11)	**Follow up**	**X**			
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Injection Logs completed for all injection points
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Verified that approved polylactate product was delivered
Calibration					

Note: Spec's refer to the project Specifications, RAWP refers to Remedial Action Work Plan, APP refers to Accident Prevention Plan, SAP refers to Sampling and Analysis Plan.

QC Manager: Spencer Slominski	Date: 03/04/13

ERRG
Engineering/Remediation Resources Group, Inc.
4585 Pacheco Blvd., Suite 200
Martinez, CA 94553
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.: SC-01
Page 1 of 1

SOILS TESTING SAND CONE DENSITY FIELD TEST REPORT

Date/Time	Job No.	Project/Location		Apparatus No.
2/27/13	2012-037	HPNS Parcel B		10514
Inspector	Project Engineer	Other		
FL	S. Slominski			
Curve No.	ρ_m = Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
2	105.8		19.2	Dozer
Specified % Compaction	Specified % Water		Lab Test Method	Deviations, Errata
90%	+/- 3%		ASTM D-1556 - 90 ASTM D-2216	

ρ_1 = Bulk Density of Density Sand 97.8 (lb/cf)
Date of Last Density Sand Calib. (2/27/13)

M_1 = Mass of Sand to fill Cone & Plate 3.98 (lb)
(As tested on a clean, level, plane surface with matching apparatus and base plate)

		Sand Cone Apparatus			Excavated Soil		See Below			
Test No.	Grid/ Loc.	Initial Mass of Apparatus (lb)	Final Mass of Apparatus (lb)	$M_2 = \Delta$ Mass of Apparatus (lb)	$V = (M_2 - M_1)/\rho_1$ (ft^3)	M_3 = *Wet* Mass of Soil Excavated (lb)	w = Moisture Content of Soil (%)	$M_4 = M_3/(w+100)$	ρ_4 = Dry Density = (M_4/V)	% Rel. Comp = $100\rho_4/\rho_m$
2	2	15.580	4.575	11.005	0.07183	8.490	16.0	0.0732	1.0189	96.3

				Moisture Content Determination by ASTM D-2216					
Test No.	Retest	Location	Elevation	M_5 = Wet Mass of Soil	M_6 = Dried Mass of Soil	M_7 = Dried Mass of Soil	M_8 = Dried Mass of Soil	$W = M_5 - M_8$	w (%) = $100(W/M_8)$
2		Compaction test location #2		2384 g	2056 g			328 g	16.0

Remarks: Sand Cone Sample ID: HPNS-022713-2

Inspector: F. Loza

Reviewed:

CONSTRUCTION MATERIALS TESTING, INC.

Job Name: Hunters Point

Job No: 99788

Sample Description: dark gray brown silty sand

Sample No: hpns-022713-2

Source: Import, Decker Island

Date: 3-1-13

Client Name: ERRG # 2012-037

Sampled: client Tested: jpm

MOISTURE CONTENT

#	Location	Wet Wt.	Dry Wt.	Wt. of	% Moisture
1	none given	2384	2056	328	16.0

Remarks:

5143 Port Chicago Highway, Suite A • Concord, CA 94520
(925) 825-2840 • FAX (925) 682-7953

Photo 1: Mobilization and Site Preparation – Keel blocks moved into Building 156 for storage

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 4, 2013

Photo 2: Soil Cover Installation – Excavation of the slope between Building 103 and Building 117

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 4, 2013

Photo 3: Polylactate Injection –Injection of polylactate material at injection point located inside Building 123

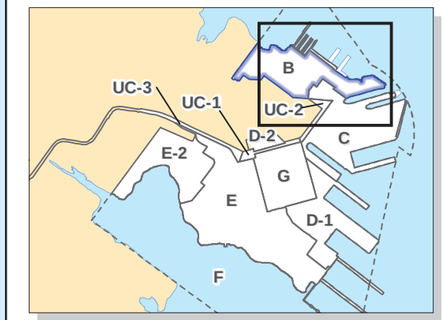
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 4, 2013

Photo 4: Polylactate Injection –Plugged and abandoned borehole after completion of polylactate injection

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 4, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 05/03/13	REPORT NO: 076
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Cloudy/Cool	MAX TEMP (F): 55	MIN TEMP (F): 46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03,04	Conduct tailgate safety meeting, review AHA for excavation and barge crew	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew continue excavation of the slope between building 103 and 117, load	ERRG	1	Project Manager	0
	excavated material and transport and stockpile in lay down area.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Jerico barge crew on site to off load import fill material- ERRG crew at Dry	ERRG	2	QC Staff	20
	Dock 3 to shuttle material away from unloading point and stockpile.	ERRG	4	Equipment Operators	29
		ERRG	2	Laborers	3
		ERRG	3	Truck Drivers	16
		Jerico	4	Barge Crew	32

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: 128
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: 10,087.5
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: 10,215.5
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.
03	Tailgate safety briefing, AHA review for Building Interiors, barge unloading, Excavation, Also gave safety briefing to City/Lennar Drill and consultant crew for their work in Parcel B,	
	they had a different crew than yesterday.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
04	026	3739 cy of fill material by barge 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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	0
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
	Drilling crew on site from Pitcher Drilling with ENGEO, and AEW- City/Lennar work inside Parcel B. Our H&S Officer went over our safety expectations while working within the
	exclusion zones we have established- these contractors do not work for us but are expected to follow all ERRG safety policies while working in Parcel B.
	Klienfelder and CE2 on site today again doing quarterly ground water monitoring well sampling- signed visitor log.
	Weekly QC Meeting with Navy ROICC (Peter Stroganoff,Andy Uehisa), CSO/BRAC (Glen Nelson), ERRG QC, H&S and Supervisory Staff.
04	23 Loads (~460cy) excavated material to the stockpile area

James Nores 03/05/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	05/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	076 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Cloudy/Cool
MAX TEMP (F)	55
MIN TEMP (F)	46

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores 03/05/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/5/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK IMPORT SOIL, EXCAVATE & HAUL SPOIL, DRILLERS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, TENANTS, TRUCK TRAFFIC, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Tonny Green	ERRG	
Brian Kerr	ERRG	
Fernando Lezu	ERRG	
Jim Aguirre	ERRG	
Enrique Martinez	ERRG	
Paul Rodriguez		
JORGE TORRES	ERRG	
Armando Torres	ERRG	
Eugenio Diaz	HUICTA	
Larry CHAN	ZAGZO	
Fine Tanfatofua	Pitcher Drilling	
James Musich	Pitcher Drilling	
MIKE BUDZI	ERRG	
Spencer Slomnsk	ERRG	
Spencer Johnson	ERRG	
RAYMOND L. GATES	JERICO	
PHIL BLAND	JERICO	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
JOHN WRIGHT	JENICO	
MITCH JOHNS	JENICO	

SSHO: [redacted] R. ESP SUPERINTENDENT: James Nores

SIGNATURE: _____ SIGNATURE: _____

#3 CLEARING & GRUBBING
#6 IMPORT SOIL BY BARGE
#8 MATERIAL LIFT

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/5/13 0700
Site Safety and Health Officer:	[redacted] R. EAP		3/5/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/5/13 0700
Employee(s):	Toney Green		3-5-13 700
	Brian Kerr		3-5-13 0700
	Fernando Loza		3-5-13 0700
	Jim Aguiar		3-5-13 0700
	ENRIQUE MARTINEZ		3-5-13 0700
	Raul Rodriguez		3-3-13 0700
	Mike Bubst		3-5-13 0700
	Spencer Johnson		2/5/13 0700
	RAYMOND L. GATES		2/5/13 0800
	PHIL BLAND		2/5/13 0700
	JOHN WRIGHT		2/5/13 0700
	MITCH JOHNS		2/5/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	3/5/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR to OVERCAST, WINDY	Page:	1 of 1
Site Visitors:	US NAVY – PETER STROGANOFF, ANDY VENISA, GLEN NELSON KLEINFELDER – OMAR KHAN, JOHN COPLAND		

Description of Field Activities:

EXCAVATION & HAULING SPOIL FROM BETWEEN BLDGS 103 & 117.

IMPORT FILL SOIL BY BARGE, STOCKPILING.

CHECKING SPOIL PILES FOR BMPS.

GREGG DRILLING ON SITE IN PARCEL B, WORKING FOR LINDER.

EQUIPMENT: EXCAVATOR, BULLDOZER, 2 END LOADERS, WATER TRUCK,
2 OFF-ROAD DUMP TRUCKS, 2 KUBOTAS

Signed: [signature] Date: 3/5/13

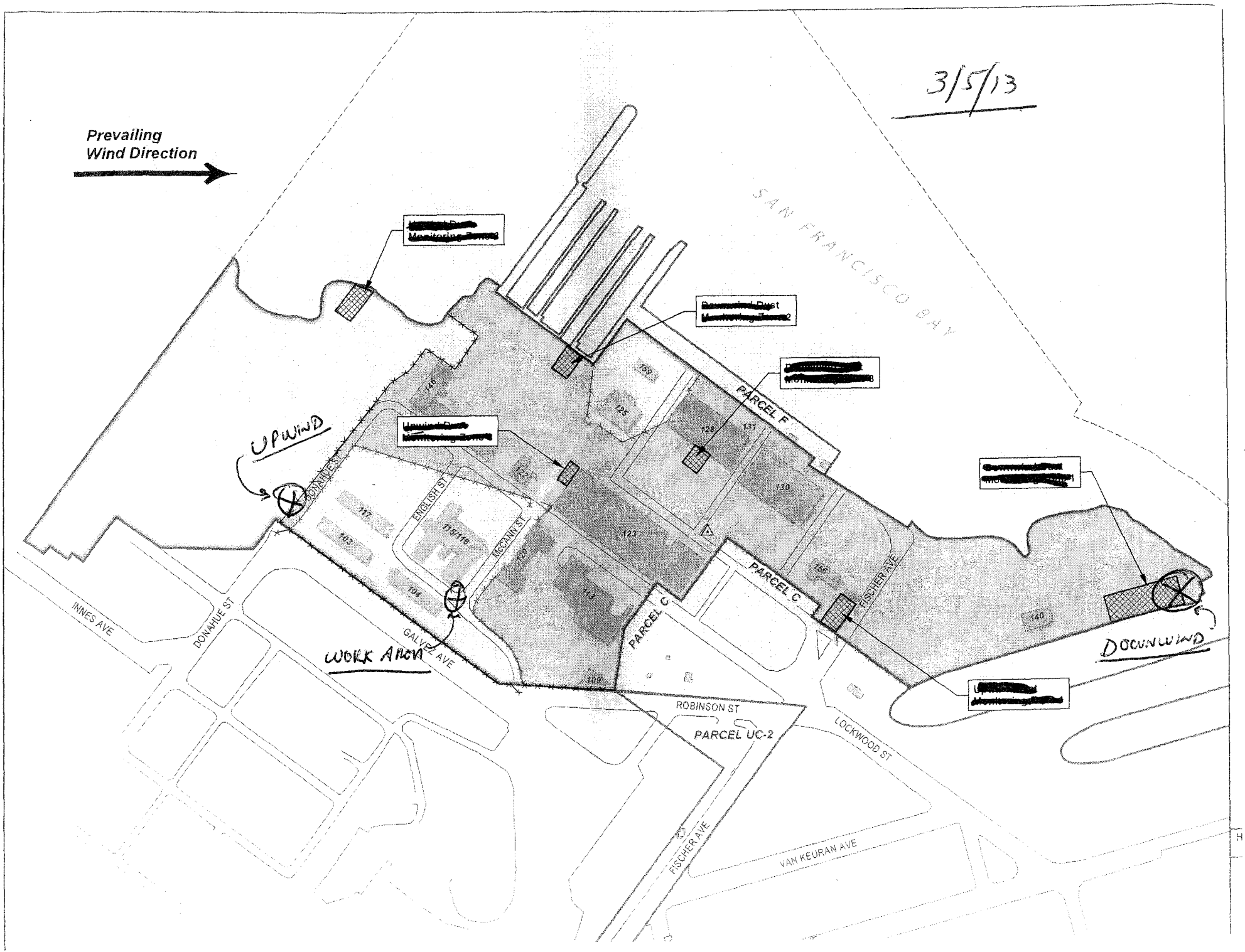
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):	3/1/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Downwind @ Gazebo	3/5/13	0733	0.007	0.022	
Motor # 5850		0928	0.015	0.014	
		1032	0.009	0.012	
		1122	0.015	0.010	
		1238	0.020	0.014	
		1350	0.000	0.011	
		1452	0.007	0.010	
WORK AREA Fence betw.	3/5/13	0731	0.013	0.015	
Bldg 116 + 104 # 1008		0926	0.022	0.017	
		1028	0.027	0.019	
		1124	0.021	0.020	
		1243	0.024	0.020	
		1346	0.014	0.019	
		1450	0.014	0.018	
DOWNWIND Drydock #3	3/5/13	0723	0.000	0.002	
@ Shoreline #10973		0924	0.000	0.000	
		1035	0.000	0.000	
		1127	0.000	0.000	
		1247	0.030	0.000	
		1342	0.000	0.000	
		1447	0.000	0.000	


3/5/13
Prevailing
Wind Direction
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 05/03/13

REPORT NO 076

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Offloaded clean imported soil from barge at Dry Dock 3 (see Contractor Production Report for quantity of soil delivered); placed the imported
	soil in a stockpile near Dry Dock 3. Continued excavating and grading the slope between Building 103 and Building 117 to prepare the subgrade
	for installation of the soil cover.
	Verified that construction activities complied with the Soil 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
04	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Andrew Uehisa), Navy BRAC CSO (Glen Nelson), ERRG QCM
	(Spencer Slominski), ERRG Superintendent (James Nores), ERRG SSHO (Richard Epp), and ERRG QC staff (Spencer Johnson, Mike Babst).
	Personnel from Kleinfelder and CE2 were on site to perform groundwater monitoring activities (conducted under a separate contract).

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

03/05/13 — 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)

Soil Cover Installation

Date: 03/05/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, and 3/5 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Continued excavation of slope between Bldg 103 and Bldg 117
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, and 3/5 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/05/13

Photo 1: Soil Cover Installation – Offloading clean imported soil from barge at Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 5, 2013

Photo 2: Soil Cover Installation – Stockpile of clean imported soil delivered by barge

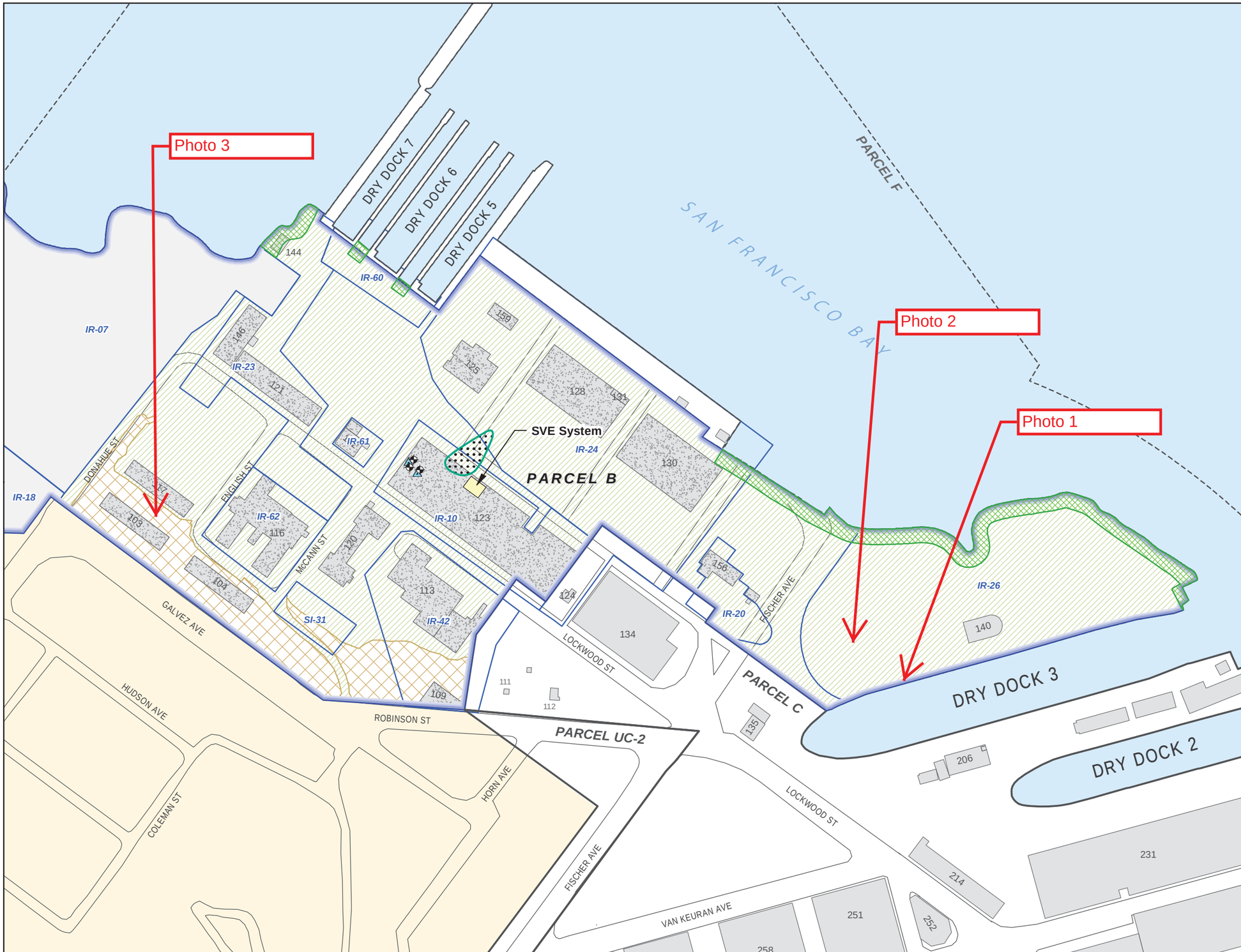
HPNS Parcel B Remedial Action, San Francisco, California

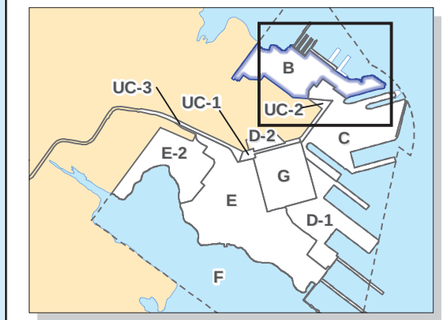
Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 5, 2013

Photo 3: Soil Cover Installation – Excavation of the slope between Building 103 and Building 117 to prepare the subgrade for installation of the soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 5, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	077		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Cloudy/Cool
MAX TEMP (F)	55	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew continue excavation of the slope between Building 103 and 104 from	ERRG	1	Project Manager	0
	the power pole to the stairs- place excavated materials in the lay down area	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew hauling green waste from the retaining wall slope at Building 104.	ERRG	2	QC Staff	20
		ERRG	3	Equipment Operators	21
04	Crew continue placing plastic on the windows- west side of building 116, and	ERRG	4	Laborers	27
	the north side of building 104.	ERRG	2	Truck Drivers	16
04	Begin placing backfill on the uphill slope of building 103.				

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	10,215.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10,327.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, barge unloading, Excavation, Also gave safety briefing to City/Lennar Drill and consultant crew for their work in Parcel B,	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	5
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
	Drilling crew on site from Pitcher Drilling with ENGEO, and AEW- City/Lennar work inside Parcel B. Our H&S Officer went over our safety expectations while working within the
	exclusion zones we have established- these contractors do not work for us but are expected to follow all ERRG safety policies while working in Parcel B.
04	15 Loads (~300cy) of fill material to the slope behind building 103
04	16 Loads (~320cy) excavated material to the stockpile area

James Nores 03/06/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/03/13
		REPORT NO: 077 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cool	Cloudy/Cool	55	46

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	8
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

03/06/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/6/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATE SOIL, PLACE + TRANSPORT SOIL COVER, COVER WINDOWS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STYF, AERIAL LIFT, WELL DRILLING, MUD, EQUIPMENT, TRUCKS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
Paul Rodrigues	ERRG	[signature]
Fernando Lozo	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Slomingh	ERRG	[signature]
James Musch	Pitcher Drilling	[signature]
FINE TAUFATOFUA	Pitcher Drilling	[signature]
Ali Sakhian	ENGEO	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

3 CLEARING + GRUBBING
10 SOIL COVER

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

12 SITE GRADING

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: # 8 AERIAL LIFT

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/6/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		3/6/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/6/13 0700
Employee(s):	Toney Green		3-6-13 0700
	King Bailey		3-6-13 0700
	Paul Rodriguez		3-6-13 0700
	Fernando Leza		3-6-13 0700
	Jim Aguirre		3-6-13 0700
	Boris Pontillo		3/6/13 0700
	Brian Kerr		3/6/13 0700
	Spencer Johnson		3/6/13 0700
	ENRIQUE MARTINEZ		3-6-13 0700
	Mike Butzot		3-6-13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	3/6/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

EXCAVATION AND HAULING SOIL FROM AREA BETWEEN BLDGS 103 + 104 AND GALVEZ ST.

HAULING DOWNED BRUSH + TREES FROM DOWNSLOPE SIDE OF BLDG 104.

INSTALLING WINDOW COVERING ON WEST SIDE OF BLDG 116 + NORTH SIDE OF BLDG. 104.

HAULING AND PLACING SOIL COVER AT EXCAVATED AREA ON GALVEZ END OF DONAHUE ST, NEAR BLDG. 103.

LANWAR DRILLERS WORKING NORTH OF BLDG 130, NOT IN OUR ACTIVE AREAS.

EQUIPMENT: EXCAVATOR, END LOADER, 2 OFF-ROAD DUMP TRUCKS, SKIP LOADER, BULLDOZER, 2 KUBOTAS

Signed: [signature] Date: 3/6/13

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 3/1/13

Client: US Navy
Project No.: 2012-037
Page: ____ of ____
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	3/6/13				
	METERS NOT DEPLOYED. SITE IS SATURATED AND NOAA				
	FORECAST IS 70% RAIN.				
				[signature]	
				SPHO	

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/03/13

REPORT NO 077

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued excavation of the slope between Building 103 and Building 104. Removed green waste from the northeast side of Building 104. Completed
	grading of the slope between Building 103 and Building 117, and the slope on the southeast side of Donahue St. Set grade stakes on the
	completed subgrade adjacent to Building 103 to guide installation of the 2-foot thick soil cover. Began placing first lift of clean imported soil on the
	slope adjacent to Building 103. Verified that construction activities complied with the Soil 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
	Personnel from ENGEO and Pitcher Drilling were on site to perform geotechnical investigation activities (conducted under a separate contract).

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

03/06/13 — 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)

Soil Cover Installation

Date: 03/05/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, and 3/5 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Continued excavation of slope between Bldg 103 and Bldg 117
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Set grade stakes to guide placement of soil cover
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected sample of imported soil on 2/22 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, and 3/5 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/05/13

Photo 1: Soil Cover Installation – Excavation of the slope between Buildings 103 and 104 and Galvez Ave to prepare the subgrade for installation of the soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 6, 2013

Photo 2: Soil Cover Installation – Setting grade stakes on the slope adjacent to Building 103 to guide placement of the 2-foot thick soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 6, 2013

Photo 3: Soil Cover Installation – Hauling clean imported soil from the stockpile at Dry Dock 3 to the slope on the southwest side of Building 103

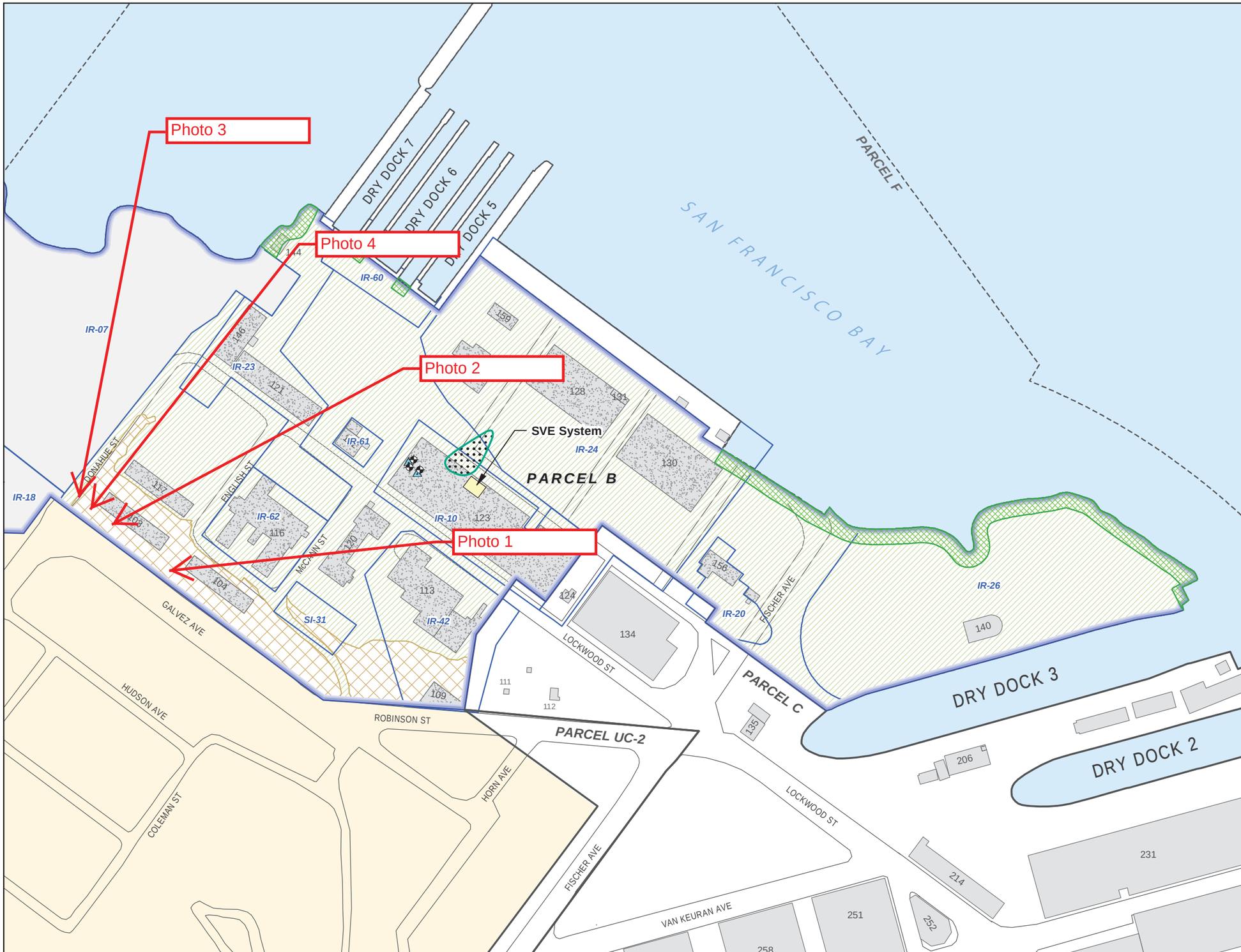
HPNS Parcel B Remedial Action, San Francisco, California

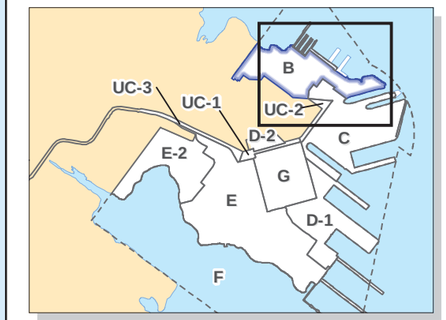
Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 6, 2013

Photo 4: Soil Cover Installation – Placement of clean imported soil on the slope between Building 103 and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 6, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/03/13	REPORT NO: 078
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Partly Cloudy/Cool	MAX TEMP (F): 55	MIN TEMP (F): 46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew begin excavating on the slope above the retaining wall at building 104	ERRG	1	Project Manager	0
	haul removed material to the stockpile area.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew hauling green waste from area south of the road on McCann place in bins.	ERRG	2	QC Staff	20
		ERRG	3	Equipment Operators	24
01	Crew continue placing plastic on the windows on the north side of building 104.	ERRG	3	Laborers	18
		ERRG	3	Truck Drivers	22
04	Crew continue placing and compacting backfill on slope behind building 103,				
	Crew begin placing backfill material on the slope between 103 and 117,				

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: 10,327.5
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: 10,439.5
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.
04	Tailgate safety briefing, AHA review for Building Interiors, barge unloading, Excavation, Also gave safety briefing to City/Lennar Drill and consultant crew for their work in Parcel B,

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
01	United Rentals	Jennie manlft	5
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
	Drilling crew on site from Pitcher Drilling with ENGEO, and AEW- City/Lennar work inside Parcel B. Our H&S Officer went over our safety expectations while working within the
	exclusion zones we have established- these contractors do not work for us but are expected to follow all ERRG safety policies while working in Parcel B.
04	47 Loads (~940cy) of fill material to the slope behind building 103, and the slope between 103 and 117.
04	3 Loads (~60cy) excavated material to the stockpile area

James Nores — CONTRACTOR/SUPERINTENDENT

03/07/13 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	078 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Partly Cloudy/Cool
MAX TEMP (F)	55
MIN TEMP (F)	46

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	8
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores 03/07/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/7/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK INSTALLING WINDOW PLASTIC; CLEANING + HAULING SPOIL; HAULING, PLACING + COMPACTING SOIL COVER

SAFETY TOPICS PRESENTED

SAFETY TOPICS STHE, MUD, T'STORMS FORCAST, EQUIPMENT, TRUCKS, DRIVERS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	
Tony Green	ERRG	
Mike Babst	ERRG	
Paul Rodriguez	ERRG	
Jim Aguilar	ERRG	
Fernando Loza	ERRG	
Eugene Martinez	ERRG	
Brian Kemp	ERRG	
[illegible]	ERRG	
Spencer Slominski	ERRG	
Spencer Johnson	ERRG	
[illegible]	ERRG	
Brian Wetzstein	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

#3 CLEARING + GRUBBING
8 AERIAL LIFT

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

10 SOIL COVER CONST.

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/7/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		3/7/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/7/13 0700
Employee(s):	Kimy Bailey		3-7-13 @ 0700
	Tony Green		3-7-13 0700
	Mike Batist		3-7-13 0700
	Paul Rodriguez		3-7-13 0700
	Jim Aguirre		3-7-13 0700
	Enrique Martinez		3-7-13 0700
	Fernando Loza		3-7-13 0700
	Brian Kerr		3-7-13 0700
	Ronni Ron		3/7/13 0700
	Spencer Johnson		3/7/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	3/7/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY	Page:	1 of 1
Site Visitors:	LANNAR DRILLERS		

Description of Field Activities:

EXCAVATION ON NORTH SIDE OF BLDG. 104.

FILL ON BOTH NORTH AND SOUTH SIDES OF BLDG. 103.

INSTALLED WINDOW CAPS ON BLDG 104 (NORTH SIDE)

COMMUNITY OUTREACH PROGRAM VISITORS ON SITE IN STOCKPILE AREA, ASKED TO LEAVE AND THEY COMPLIED.

EQUIPMENT: EXCAVATOR, 2 BULLDOZERS, 2 OFF-ROAD DUMP TRUCKS, SKID LOADER AND LOADER, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: ~~3/6/13~~ 3/7/13

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	3/7/13				
	METERS NOT DEPLOYED, FORECAST 70% RAIN.				
				[signature]	
				5540	

Contractor Significant Incident Report (CSIR-1)

Report Date:	Contracting Activity/ROICC Office
3/8/13	NAVFAC SW

Accident Classification:

- [ ] Injury
- [ ] Illness
- [ ] Fatality
- [ ] Property Damage
- [x] Procedural Issues
- [ ] Environmental

Involving:

- [ ] Hazardous Materials
- [ ] Electrical
- [ ] Equip/Motor Vehicle/ Material Handling
- [ ] Diving
- [ ] Falls
- [ ] Confined Space
- [ ] Crane/Rigging
- [ ] Trenching/Entrapment
- [ ] Fire
- [x] Other
- [ ] Waterfront Operations
- [ ] Demolition/Renovation

2. Personal Data:

A. Name (Last, First, M.)	B. Age	C. Sex	D. Social Security Number
UNKNOWN	N/A	2F/1M	N/A

E. Job Description/Title	F. Employed By	G. Supervisor s Name
	COMMUNITY OUTREACH PROGRAM	

3. Witness Data (Attach Witness Summary Statements to Report):

A. Name (Last, First, M.)	B. Age	C. Sex
~~TYSON~~ APPEL, TYSON		M

D. Job Description/Title	E. Employed By
CONST. MGR	ERRG

4. General Information:

A. Date of ~~Accident~~ INCIDENT (Month/Day/Year)	B. Time of ~~Accident~~ INCIDENT	C. Exact Location of Accident	D. Type of Construction Equipment (Make, Model, Serial Number, Vin #)
3/7/13	1130	BLDG 121 STORAGE AREA	N/A

E. Contract Number/Title	F. Construction Activity SIC	G. Hazardous Material Spill/Release
N62473-09-D-2608	N/A	N/A

H. Type of Contract

- [ ] Construction
- [ ] A/E
- [ ] Service
- [ ] RAC
- [ ] CLEAN
- [ ] JOC
- [ ] OTHER_____

I. Contractor's Name/Address/Phone Number

(1) Prime: ENGINEERING/REMEDIATION RESOURCES GROUP, INC.
115 SANSOME ST., SUITE 200
SAN FRANCISCO, CA 94104

(2) Sub: 415-395-9974

J. Safety Manager's Name	Phone #	K. Insurance Carrier
RICHARD EPP	925-980-4826	
(1) Prime:	(2) Sub:	(1) Prime: (2) Sub:

Work Activity at Time of Accident

DUMPING DOBKIS ON STOCKPILE

M. Personal Protective Equipment?

(1) Available & Used (2) Not Required
(3) Available & not used (4) Not Related to mishap
(5) Wrong PPE for job
(6) List Type(s) used:

5. Injury/Illness/Fatality Information: N/A

A. Severity of Illness/Injury	B. Estimated Days Lost	C. Estimated Days Hospitalized	D. Estimated Day Restricted Dut

E. List Body Part(s) Affected	F. Nature of Illness/Injury	G. Type and Source of Injury/Illness (1) Type: (2) Source:

6. A. ~~Accident~~ INCIDENT Description (Describe in your own words) (Use additional paper if necessary)

TYSON APPEL SAW AN UNKNOWN CAR IN THE STORAGE AREA. HE ASKED WHAT THEY WERE DOING AND WHO THEY WERE. THEY SAID COMMUNITY OUTREACH. HE INFORMED THEM THEY WERE IN AN ACTIVE CONSTRUCTION AREA AND THEY HAD TO LEAVE. THEY LEFT.

B. Who provided first aid and/or cleanup of mishap site?

C. Any blood borne pathogen exposure by other than EMT's? If so who?

D. Was site secured and witness interviews taken immediately?

E. List OSHA and EM 385-1-1 standards/requirements that were violated?

7. **Causal Factors** (Explain yes answers on a supplementary sheet)	YES	NO
Design - Was design of facility, workplace, or equipment a factor?		
Inspection/Maintenance - Were inspection & maintenance procedures a factor?		
Persons Physical Condition - In your opinion, was the physical condition of the person a factor?		
Operating Procedures - Were operating procedures a factor?		
Job Practices - Were any job safety/health practices not followed when the accident occurred?		
Human Factors - Did any human factors such as size or strength of person etc., contribute to the accident?		

Environmental Factors - Did heat, cold, dust, sun, glare, etc., contribute to the accident?

Chemical & Physical Agent Factors - Did exposure to chemical agents, such as dust, fumes, mists, vapors or physical agents such as noise, radiation, etc., contribute to the accident?

Office Factors - Did office setting such as lifting office furniture, carrying, stopping, etc., contribute to the accident?

Support Factors - Were inappropriate tools/resources provided to properly perform the activity task?

Personal Protective Equipment - Did the improper selection use, or maintenance of personal protective equipment contribute to the accident?

Drugs/Alcohol - In your opinion, were drugs or alcohol a factor?

Activity Hazard Analysis - Was the lack of an adequate (IAW EM 385-1-1 Sec 01.A.09) Activity Hazard Analysis a contributing factor?
- Was it site specific and address the type of work/operations performed when the mishap occurred?

Management - Did the lack of adequate supervision contribute to the accident?

- Was inadequate information provided at pre-con meeting?

8. Training:		
A. Was/were person(s) trained to perform activity/task?		

B. Type of training?

C. Date of most recent formal training? / / D. List topics discussed

9. Fully Explain What Allowed or Caused The Accident, Include Direct and Indirect Causes:

A. Direct Cause

CAR OCCUPANTS IGNORED "CONSTRUCTION AREA, NO ADMITTANCE" SIGNAGE.

B. Indirect Cause

C. Action(s) taken to prevent re occurrences or provide on-going corrective actions.

D. Corrective Action Date:

(1) Beginning (Mo/Da/Yr) / (2) Anticipated Completion Date (Mo/Da/Yr) / /

10. OSHA

A. Date OSHA was notified / /	C. Date of OSHA Citation / /
B. Date OSHA Investigated / /	D. $ Amount of Penalties:

11. Report Preparer

Print Name & Title of Supervisor Completing Report

Richard J. Epp. PE, CIP

Signature: Richard J. Epp Date (Mo/Da/Yr) 3/8/13

12. Management Review (Contracting Officer)

A. ☐ Accepted	B. ☐ Amendments Required	C. ☐ Comments (include program improvements required for your Command. NAVFACHQ Construction Safety Program and EM 385-1-1)

D. Print Name & Title of Official Completing Report

Signature: _____ Date: (Mo/Da/Yr) _____

13. Safety And Occupational Health Officer Review

A. ☐ Concur	B. ☐ Non Concur	C. ☐ Additional Actions/Comments

. Print Name & title of Safety Personnel Reviewing

Signature: _____ Date (Mo/Da/Yr) _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/03/13

REPORT NO 078

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Began excavation of the slope on the northeast side of Building 104. Removed green waste from the slope between McCann St and Galvez Ave.
	Continued covering the windows of Building 104 with temporary plastic sheeting. Set grade stakes on the completed subgrade between Building
	103 and Building 117 and the completed subgrade adjacent to Donahue St to guide installation of the 2-foot thick soil cover.
	Continued placing clean imported soil on the slope between Buliding 103 and Galvez Ave; began placing clean imported soil on the slope between
	Building 103 and Building 117. Collected samples of the clean imported soil for geotechnical testing.
	Verified that construction activities complied with the Soil 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
	Personnel from ENGEO and Pitcher Drilling were on site to perform geotechnical investigation activities (conducted under a separate contract).
	Personnel from the Community Outreach program were discovered inside the active work zone. The ERRG Construction Manager asked them
	to leave the site (see attached Incident Report).

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.

Spencer Slominski — 03/07/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 03/07/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, and 3/5 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Set grade stakes on slope between Bldg 103 and Galvez Ave, and slope between Bldg 103 and Bldg 117 to verify cover thickness during installation
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/6 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/6 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, and 3/5 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/07/13

Photo 1: Soil Cover Installation – Grade stakes set on the slope between Building 103 and Building 117 to guide placement of the 2-foot thick soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 7, 2013

Photo 2: Soil Cover Installation – Grade stakes set on the slope adjacent to Donahue St to guide placement of the 2-foot thick soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 7, 2013

Photo 3: Soil Cover Installation – Placement of clean imported soil on the slope between Building 103 and Building 117

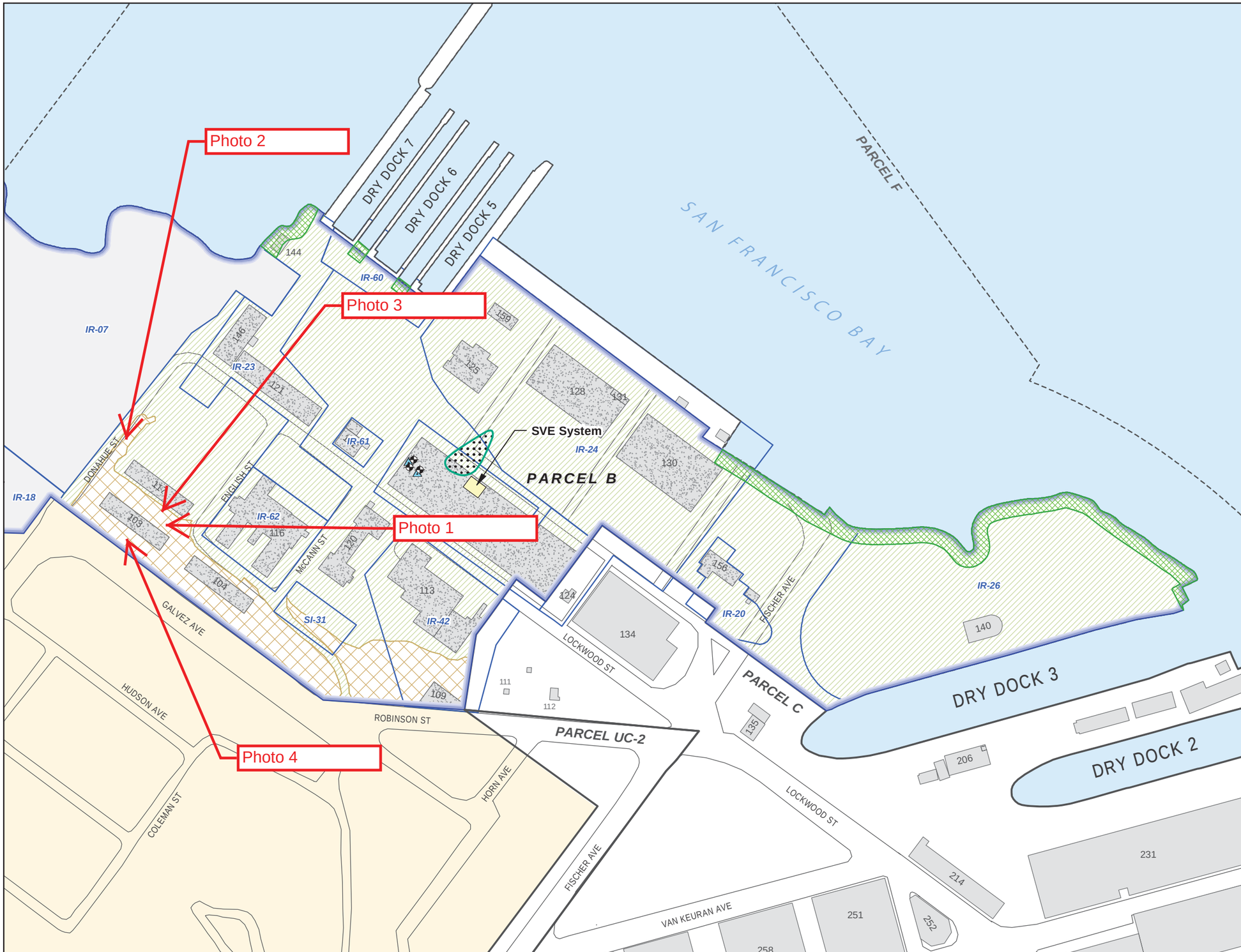
HPNS Parcel B Remedial Action, San Francisco, California

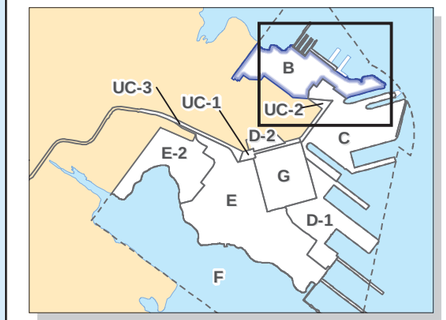
Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 7, 2013

Photo 4: Soil Cover Installation – Placement of clean imported soil on the slope between Building 103 and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 7, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	08/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	079		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool	PM WEATHER	Partly Cloudy/Cool
MAX TEMP (F)	58	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill, tree rmvl	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Crew continue excavating on the slope above the retaining wall at building 104	ERRG	1	Project Manager	4
	haul removed material to the stockpile area.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew begin cutting/removing the trees and greenwaste from behind building	ERRG	2	QC Staff	20
	116.	ERRG	4	Equipment Operators	26
		ERRG	4	Laborers	23
04	Crew continue placing compacting backfill on slope behind building 103, Crew	ERRG	3	Truck Drivers	15
	continue placing backfill material on the slope between 103 and 117				

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: 10,439.5
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: 10,559.5
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.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill Tree removal, Also gave safety briefing to City/Lennar Drill and consultant crew for their work in Parcel	
	B.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
01	United Rentals	Jennie manlft	5
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
	Drilling crew on site from Pitcher Drilling with ENGEO, and AEW- City/Lennar work inside Parcel B. Our H&S Officer went over our safety expectations while working within the
	exclusion zones we have established- these contractors do not work for us but are expected to follow all ERRG safety policies while working in Parcel B.
04	27 Loads (~540cy) of fill material to the slope behind building 103, and the slope between 103 and 117.
04	23 Loads (~460cy) excavated material from the slope below building 104 to the stockpile area

James Nores 03/08/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 08/03/13
		REPORT NO: 079 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Partly Cloudy/Cool	58	46

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	8
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

03/08/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/8/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Clearing soil; Hauling, compacting + placing soil cover, covering windows.

SAFETY TOPICS PRESENTED

SAFETY TOPICS SIZE, TENANTS, MUD, EQUIPMENT, TRUCK TRAFFIC, TENANT TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Toney Green	ERRG	[signature]
Dan Rodriguez	ERRG	[signature]
Lucas Naros	ERRG	[signature]
Fernando Leza	ERRG	[signature]
[illegible]	[illegible]	[signature]
Enrique Martinez	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babak	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
John Sourial	ERRG	[signature]
Ty Appel	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#3 CLEARING + GRUBBING
#8 ASPHALT LIFT

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#10 SOIL COVER CONST.

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/8/13
Site Safety and Health Officer:	[redacted] R. EPP		3/8/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/8/13 0700
Employee(s):	Tony Bailey		3-8-13 @0700
	Brian Cerro		3/8/13 0700
	Toney Green		3-8-13 0700
	Paul Rodriguez		3-8-13 0700
	Fernando Loza		3-8-13 0700
	Boris [illegible]		3/8/13 0700
	Enrique Martinez		3-8-13 0700
	Jim Aguirre		3-8-13 0700
	Spencer Johnson		3/8/13 0700
	Mike Babb		3/8/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	3/8/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WINDY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

EXCAVATE AND HAUL SPOIL TO STOCKPILE FROM BLDG. 104 NORTH SIDE.

HAUL, PLACE + COMPACT FILL SOIL BETWEEN BLDG 113 + 117.

INSTALL PLASTIC COVER OVER WINDOWS, NORTH SIDE BLDG 104.

CHECK ALL SPOIL PILES FOR BMPs

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, BULLDOZER, WATER TRUCK, 2 END LOADERS, 2 KUBOTAS

Signed: [signature] Date: 3/8/13

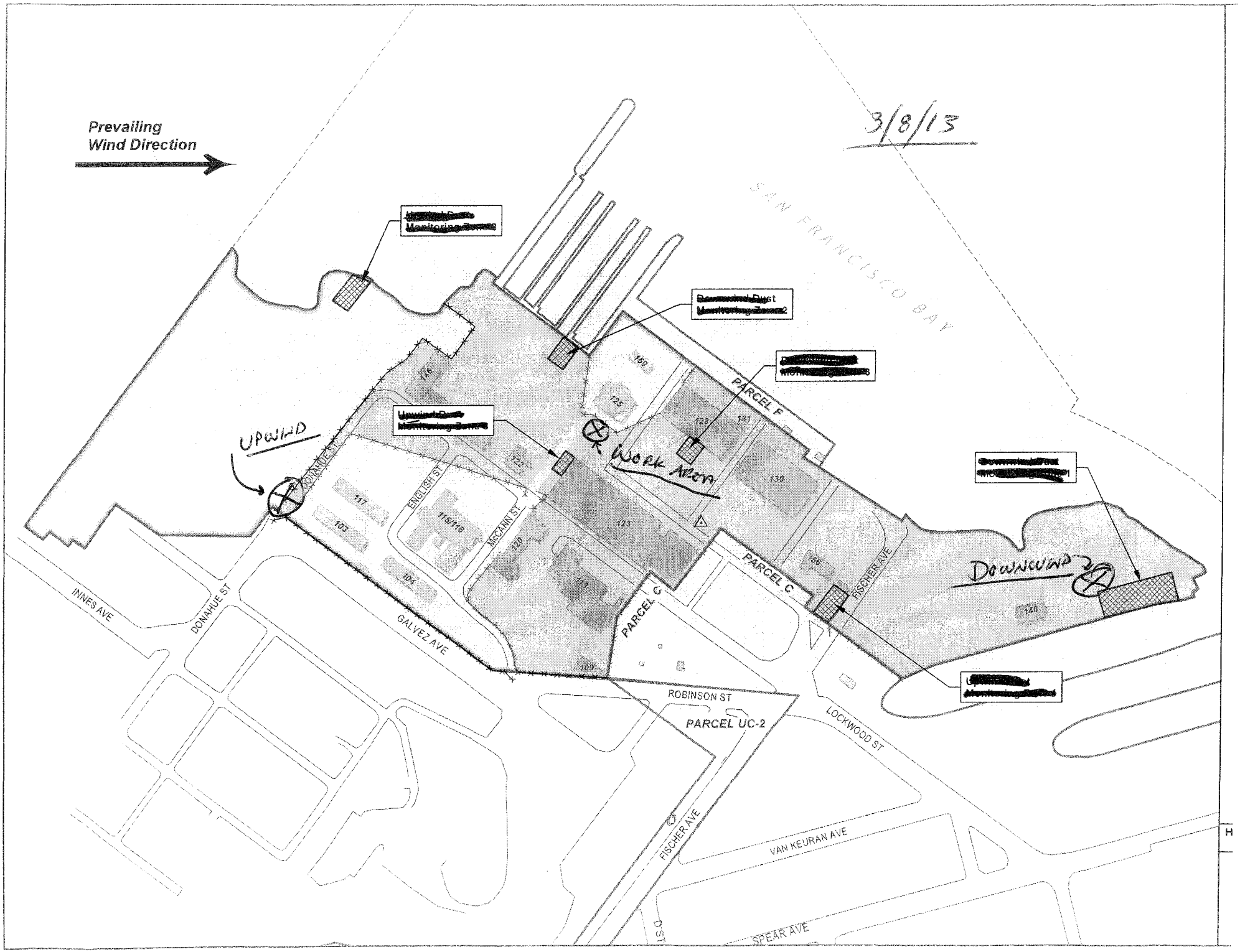
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue & Galvez	3/8/13	0722	0.049	0.050	
Meter # 5850		0821	0.029	0.036	
		0951	0.023	0.024	
		1155	0.015	0.021	
		1300	0.023	0.020	
WORK AREA South of Bldg.	3/8/13	0718	0.020	0.022	
125 - # 1008		0823	0.026	0.026	
		0953	0.028	0.022	
		1157	0.030	0.026	
		1302	0.011	0.029	
DOWNWIND Dry Dock #3	3/8/13	0714	0.000	0.000	
		0825	0.000	0.000	
		0955	0.000	0.000	
		1159	0.000	0.000	
		1303	0.000	0.000	



Prevailing
Wind Direction
3/8/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
122
130
117
115/116
103
123
120
104
113
156
140
109

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT Haul truck Identification Number: M15788

Project Number / Name: HPNS Rental ☒ ERRG ☐

Date: Inspected By:	3/4/13 BK 2828.6			3/5/13 BK 2832.2			3/6/13 2838.8 BK			3/7/13 2845.9 BK			3/8/13 2852.5 BK		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Fuel gauge
Fire ext. checked - monthly inspection

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 CAT HAUL TRUCK Identification Number: M15 884

Project Number / Name: HPNS Rental ☒ ERRG ☐

Date:	3-4-13			3-5-13			3-6-13			3-7-13			3-8-13		
Inspected By:	FL 3357.7			FL 3365.6			FL 3369.5			FL 3375.0			FL 3380.0		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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				✓			✓			✓			✓		

Note any equipment defect or damage and corrective actions taken. RIGHT TOP MIRROR BROKEN!
REAR LEFT TIRE DAMAGED!

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 644J LOADER Identification Number: _____

Project Number / Name: H. P 2012 037 Rental ☐ ERRG ☑

Date:	3-4-13			3-5-13											
Inspected By:	KIKI HOR 3906.4			KIKI 3911.2											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Significant equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 972 Loader Identification Number: JN4C63

Project Number / Name: 2012 037 HPNS Rental ☒ ERRG ☐

Date:	3-5-13			3-7-13			3-8-13								
Inspected By:	JG. 4782.0			4090.7			Kiki 4797.3								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: BACKHOE Identification Number: TW10026

Project Number / Name: H.P 2012 037 Rental ☐ ERRG ☑

Date:	3-4-13			3-7-13											
Inspected By:	KiKi HOR 4983.3			KiKi HOR 4985.3											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: ESKIPÉ JD 210 Skiploader Identification Number: _____

Project Number / Name: H P 2012 037 Rental ☐ ERRG ☒

Date: / Inspected By:	3-4-13 KiKi HOR/ 134200			3-6-13 FL KiKi [redacted] 1343.1			3-7-13 KiKi HOR 1346.9			3-8-13 KiKi HOR 1347.8					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: JOHN DEERE 650 DOZER Identification Number: YC3396

Project Number / Name: HPUSY SE. Rental ☑ ERRG ☐

Date: Inspected By:	3/4/13 227.1 JA			3-5-13 JA 234.5			3-6-13 JA 241.9			3-7-13 JA			3-8-13 JA 252.3		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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] equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 8K reach forklift JLG Identification Number: 798150-549

Project Number / Name: 2012-037 Rental ☐ ERRG ☑

Date: Inspected By:	JN 8/4/13 1534.01 hrs														
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐

Describe any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 Truck Identification Number: 7V03957

Project Number / Name: HDS4/PB Rental ☐ ERRG ☑

Date: / Inspected By:	3-4-13 PR 3845.4			3-5-13 PR 3850.4			3/6/13 PR 3856.0			3/7/13 PR 3856.2			3/8/13 PR 3858.6		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Steps minor damage / Damage to Left front fender front bumper damage Driver side backfender damage Fire extinguisher inspected on May 4.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 TRUCK Identification Number: 8V94768

Project Number / Name: HDSY/PB Rental ☐ ERRG ☑

Date: Inspected By:	3-4-13 2530.5			3-5-13 PR 2536.5			3-6-13 PR 2530.5			3/7/13 PR 2530.5			3/8/13 PR 2530.5		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Fire Extingisher Inspected March 4

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Man Lift Identification Number: 504 1011887

Project Number / Name: 2012 037 HPNS Rental ☑ ERRG ☐

Date: Inspected By:	3-6-13 TG 2240			3-7-13 TG 2245			3-8-13 TG 2248								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200 John Deere Identification Number:

Project Number / Name: 2012-037 HPSS Rental ☐ ERRG ☒

Date: Inspected By:	3/4 BP 4646.0			3-5-13 KIKI HOR 4652.8			3/6 BP 4660			3/7/13 BP 4666.1			3/8/13 BP 4667		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Kubota Identification Number: TW 11 077

Project Number / Name: 2012-037 Rental ☐ ERRG ☒

Date: Inspected By:	3/4/12 BJC 548.3			3/5/13 549.6 SJ			3-6-13 Hor 5501			3/7/13 552.0 SJ					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Fire ext. inspected

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: 780-11-739

Project Number / Name: HPWS DAKOTA B Rental ☐ ERRG ☑

Date: Inspected By:	3/4/13 [illegible] 829.9			3/5/13 [illegible] 831.6			3/6/13 [illegible] 834.3			3/7/13 [illegible] 835.6			3/8/13 [illegible] 837.7		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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] equipment defect or damage and corrective actions taken. _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 08/03/13

REPORT NO 079

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued excavation of the slope between the northeast side of Building 104 and the retaining wall along English St. Continued covering the
	windows of Building 104 with temporary plastic sheeting. Began cutting the trees and vegetation on the southwest side of Building 116, and
	removed the green waste. Continued placing and compacting clean imported soil on the slope between Buliding 103 and Galvez Ave and the slope
	between Building 103 and Building 117 to a 2-foot thickness.
	Verified that construction activities complied with the Soil 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
	Personnel from ENGEO and Pitcher Drilling were on site to perform geotechnical investigation activities (conducted under a separate contract).

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.

Spencer Slominski — 03/08/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 03/08/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, and 3/5 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Excavated slope on SW side of Bldg 104
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover on slopes between Bldg 103 and Galvez Ave, and between Bldg 103 and Bldg 117
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, and 3/5 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/08/13

Photo 1: Soil Cover Installation – Excavation of the slope between Building 104 and the retaining wall along English St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 8, 2013

Photo 2: Soil Cover Installation – Removing trees from the southwest side of Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 8, 2013

Photo 3: Soil Cover Installation – Placement of clean imported soil on the slope between Building 103 and Building 117

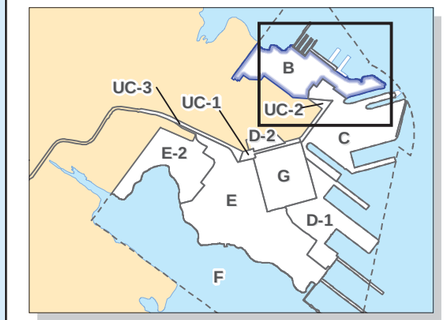
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 8, 2013

Photo 4: Soil Cover Installation – Placement of clean imported soil on the slope between Building 103 and Building 117

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 8, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	11/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	080		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool	PM WEATHER	Sunny/Mild
MAX TEMP (F)	62	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill, tree rmvl	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Crew continue cutting/removing green waste from behind building 116. Crew	ERRG	1	Project Manager	0
	continue placing plastic on the windows along the back of 116.	ERRG	1	QC Manager	0
		ERRG	1	H&S Officer	8
04	Crew removing green waste along the slope southeast of building 104	ERRG	2	QC Staff	20
		ERRG	3	Equipment Operators	20
04	Crew continue placing backfill material on the slope between 103 and 117	ERRG	6	Laborers	32
		ERRG	3	Truck Drivers	12
03	Place steel plate over sump in building 156 for inspection following QC meeting				
	tomorrow.				

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	116
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10,559.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10,675.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
01	United Rentals	Jennie manlft	5
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	8 Loads (~160cy) of fill material on the slope between 103 and 117.

James Nores 03/11/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	11/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	080 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool
PM WEATHER	Sunny/Mild
MAX TEMP (F)	62
MIN TEMP (F)	46

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	8
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

03/11/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/11/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE CLEARING; HAUL, PLACE + COMPACT SOIL COVER, COVER WINDOWS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, EQUIPMENT, TRUCK TRAFFIC, TENANTS + ANIMALS, CHAINSAW

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed. CHAINSAW - FACE SHIELD, CHAPS.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Paul Rodriguez	[illegible]	[illegible]
Brian Kerr	ERRG	[illegible]
Fernando Loza	ERRG	[illegible]
Boris P	ERRG	Boris P
King Bailey	ERRG	[illegible]
[illegible]	ERRG	[illegible]
Toney Green	ERRG	[illegible]
Spencer Johnson	ERRG	[illegible]
Mike Babot	ERRG	[illegible]
Enrique Martinez	ERRG	[illegible]
Ty [illegible]	ERRG	[illegible]

Health & Safety Officer Richard Epp

SIGNATURE [illegible]

SUPERINTENDENT James Nores

SIGNATURE [illegible]

#3 CLEARING + GRUBBING
#8 BORROW LIFT

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#10 SOIL COVER

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/11/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		3/11/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Raul Rodriguez		3/11/13 0700
	Brian Kerr		3/11/13 0700
	Fernando Loza		3/11/13 0700
	Boris Portillo		3/11/13 0700
	Kivy Barley		3-11-13 0700
	Jim Aguiar		3-11-13 0700
	Tancy Green		3-11-13 0700
	Spencer Johnson		3/11/13 0700
	Mike Babst		3/11/13 0700
	ENRIQUE MARTINEZ		3-11-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	3/11/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	LANNAR DRILLERS SIGNED IN BUT DID NOT DRILL IN PARCEL B.		

Description of Field Activities:

LOADING + HAULING GREEN WASTE FROM BLDG 115/116 ALCOVE AND AREA BOUNDED BY GALVEZ, ARTISTS ROAD & BLDG 104

CUTTING BRUSH + TREES IN BLDG 115/116 ALCOVE

INSTALLING PLASTIC WINDOW COVERING ON BLDG 116 ALCOVE.

HAULING SOIL FOR COVER BETWEEN BLDG'S 103+117. PLACING + COMPACTING SOIL.

PLACING + COMPACTING SOIL BETWEEN BLDG 103 + GALVEZ.

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, WATER TRUCK, 2ND LOADER, SKIP LOADER, 2 BULLDOZERS, 2 KUBOTAS.

Signed: [signature] Date: 3/11/13

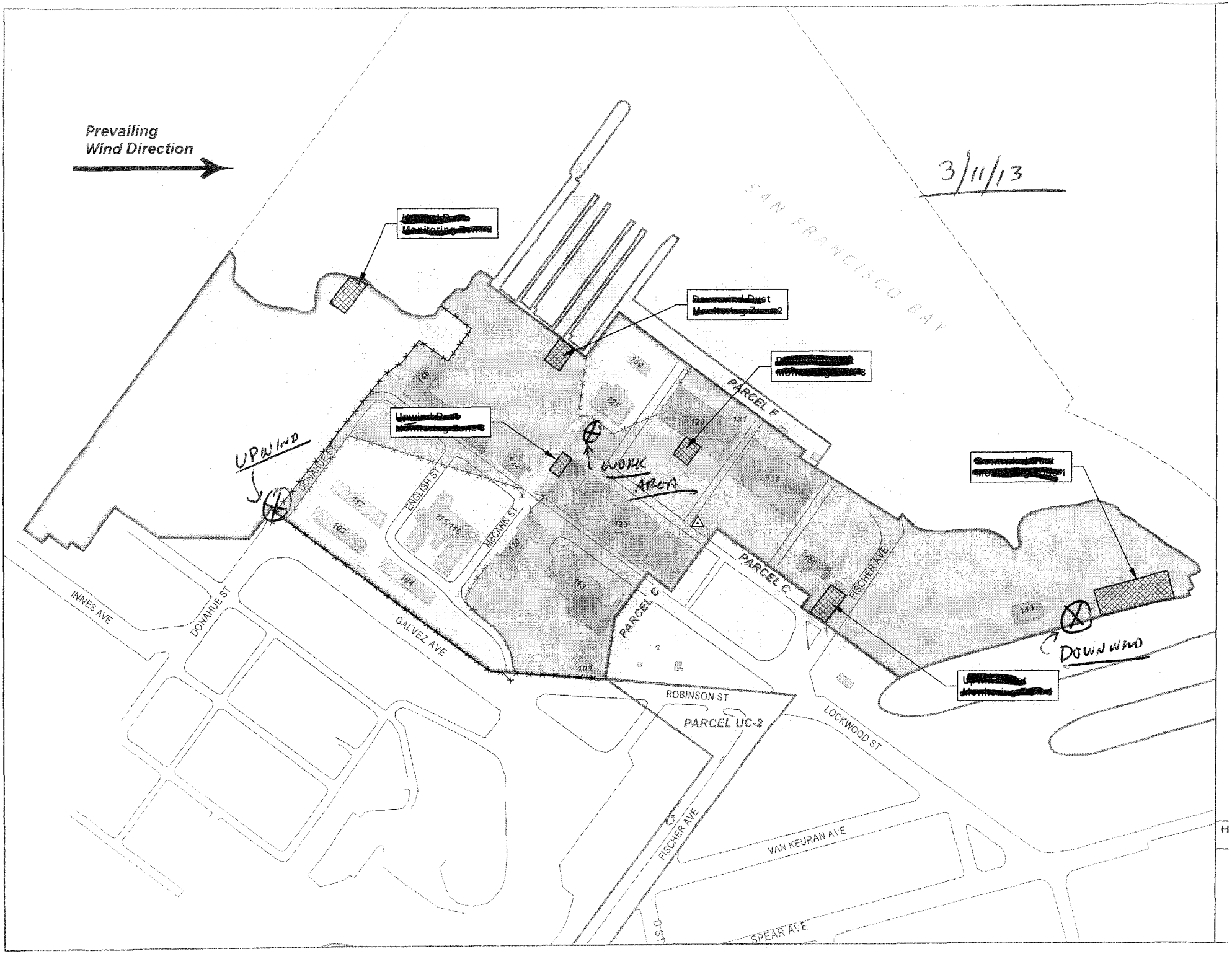
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	3/11/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue @ Galvez	3/11/13	0722	0.065	0.082	
Motor # 5850		0917	0.049	0.064	
		1120	0.046	0.059	
		1355	0.027	0.050	
WORK AREA South of	3/11/13	0729	0.060	0.077	
Bldg 125 - Motor # 1108		0919	0.050	0.031	
		1121	0.039	0.035	
		1357	0.032	0.035	
DOWNWIND Dry Dock #3	3/11/13	0740	0.000	0.000	Blow Test - Responded
Motor # 10973		0921	0.016	0.100	
		1123	0.000	0.000	
		1359	0.010	0.000	



Prevailing
Wind Direction
3/11/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
SPEAR AVE
D ST
159
125
128
131
130
146
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 11/03/13

REPORT NO 080

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued cutting trees and vegetation on the south side of Building 116 and on the slope between McCann St and Galvez Ave, and removed
	the green waste. Covered the windows on the west side of Building 115 with temporary plastic sheeting. Continued placing and compacting
	clean imported soil on the slope between Building 103 and Building 117 to a 2-foot thickness.
	Verified that construction activities complied with the Soil Cover Installation checklist.
03	Installed steel plate over the utility vault in the north corner of Building 156.

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
	Personnel from ENGEO and Pitcher Drilling were on site to perform geotechnical investigation activities (conducted under a separate contract).

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

03/11/13 — 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)

Soil Cover Installation

Date: 03/11/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, and 3/5 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover on slopes between Bldg 103 and Galvez Ave, and between Bldg 103 and Bldg 117
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, and 3/5 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/11/13

Photo 1: Soil Cover Installation – Slope between McCann St and Galvez Ave after removal of trees and brush

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 11, 2013

Photo 2: Soil Cover Installation – Removing green waste from the southwest side of Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 11, 2013

Photo 3: Soil Cover Installation – Placement of clean imported soil on the slope between Building 103 and Building 117

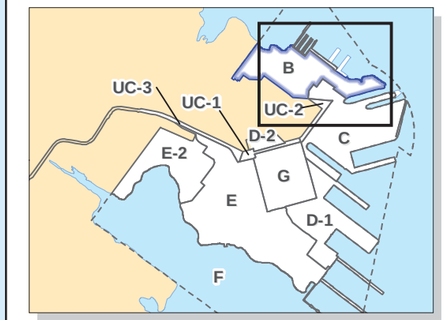
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 11, 2013

Photo 4: Soil Cover Installation – Placement of clean imported soil on the slope between Building 103 and Building 117

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 11, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 12/03/13	REPORT NO: 081
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Mild	MAX TEMP (F): 66	MIN TEMP (F): 54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill, tree rmvl	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Crew begin excavating the area behind building 116- hand dig along presumed	ERRG	1	Project Manager	8
	utilities. Transport excavated material to the stockpile area.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew continue placing green waste in roll off bins for disposal.	ERRG	2	QC Staff	20
		ERRG	3	Equipment Operators	20
04	Crew continue placing backfill material on the slope between Building 103 and	ERRG	6	Laborers	30
	Building 117. Place material on the area below building 104 along the retaining	ERRG	3	Truck Drivers	14
	wall.				

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: 124
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: 10,675.5
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: 10,799.5
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.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	5
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	12 Loads (~240cy) of fill material on the slope between 103 and 117 and the area between 104 and the retaining wall.
04	14 Loads (~280cy) of excavated material from behind Building 116 to the stockpile area.
	Weekly QC Meeting today with Navy ROICC and CSO

James Nores 03/12/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	12/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	081 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Mild
MAX TEMP (F)	66
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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	0
04	ERRG	JD 310 Backhoe	8
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores 03/12/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/12/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION + HAUL SPOIL; HAUL, PLACE + COMPACT COVER, LOADOUT VEGETATION, COVER WINDOWS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STFF, AERIAL LIFT, OVERHEAD CHIRST, EQUIPMENT, TRUCK TRAFFIC, TOWARDS + PUTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Jim Aguilar	ERRG	[signature]
Fernando Lara	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Tony Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Ronnie	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Slomingh	ERRG	[signature]
Tb Adm	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#3 CLEARING + GRUBBING
#8 AERIAL LIFT
#10 SOIL COVER
LI SITE GRADING

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #:

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	3/12/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	3/12/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	3/12/13 0700
Employee(s):	Kim Bailey	[signature]	3-12-13 @ 0700
	Fernando Loza	[signature]	3-12-13 0700
	Jim	[signature]	3-12-13 0700
	Enrique Martinez	[signature]	3-12-13 0700
	Brian Kerr	[signature]	3-12-13 0700
	Toney Green	[signature]	3-12-13 0700
	Paul Rodriguez	[signature]	3-12-13 0700
	Boris Parsitt	Boris Parsitt	3/12/13 0700
	Mike Babst	[signature]	3/12/13 0700
	Spencer Johnson	[signature]	3/12/13 0700
	~~Spencer Slominski~~	~~[signature]~~	~~3/12/13 0700~~

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	3/12/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG, CLEARING @ NOON	Page:	1 of 1
Site Visitors:	PETER STROGANOFF, DOUG DOROUS, AMY UCHISA – US NAVY		

Description of Field Activities:

INSTALLING PLASTIC WINDOW CAPS, COMPLETED BLDG 115/116.

EXCAVATING & HAULING SPOIL FROM BLDG 115/116 ALCOVE.

HAULING, PLACING + COMPACTING SOIL COVER BETWEEN BLDGS 113 + 117, AND ON NORTH SIDE OF BLDG. 104 BETWEEN BLDG + RETAINING WALL.

PLACING GROUNDWASTE IN ROLL-OFF CONTAINERS

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, BULLDOZER, GRD LOADER, AERIAL LIFT, WATER TRUCK, FORKLIFT, 2 KUBOTAS

Signed: [signature] Date: 3/12/13

ERRG

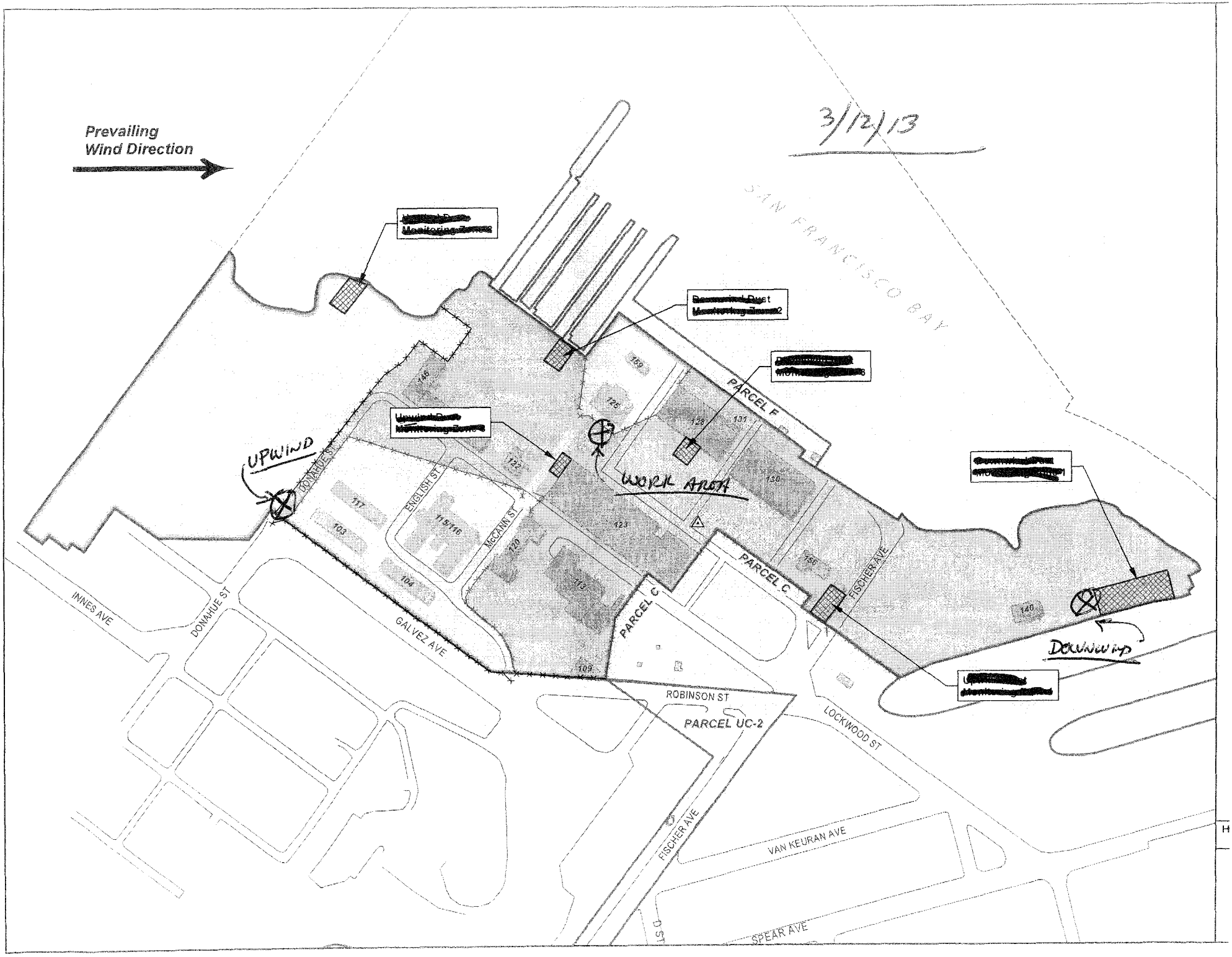
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 3/1/13

Client: US Navy
Project No.: 2012-037
Page: 1 of 1
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Downwind @ Gate Motor # 5850	3/12/13	0727	0.019	0.050	Fog effecting readings
		0947	0.094	0.081	" "
		1051	0.079	0.084	" "
		1244	0.077	0.083	
		1334	0.075	0.081	
		1444	0.054	0.082	
WORK AREA South of Bldg. 125 #1018	3/12/13	0724	0.025	0.023	Fog effecting readings
		0950	0.000	0.000	" "
		1049	0.003	0.001	" "
		1240	0.035	0.010	
		1336	0.036	0.013	
		1446	0.026	0.018	
DOWNWIND Dry Dock #3	3/12/13	0721	0.000	0.000	
		0952	0.000	0.000	
		1045	0.000	0.000	
		1238	0.013	0.000	
		1338	0.000	0.000	
		1450	0.000	0.000	



Prevailing
Wind Direction
3/12/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
159
125
128
131
130
146
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 12/03/13

REPORT NO 081

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued removing green waste from the soil cover areas. Finished covering the windows on the west side of Building 115 and Building 116
	with temporary plastic sheeting. Completed placement and compaction of the 2-foot thick soil cover on the slope between Building 103 and
	Building 117. Began placing and compacting clean imported soil on the slope between Building 104 and the retaining wall along English St.
	Began excavation of the courtyard area between Building 115 and Building 116.
	Verified that construction activities complied with the Soil Cover Installation checklist.
03	Navy ROICC (Peter Stroganoff, Andrew Uehisa) and Navy CSO (Douglas Delong) performed a building walk-through with the ERRG QCM and PM
	to inspect the foundation repairs inside Building 156 and Building 130.

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
	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Andrew Uehisa), Navy CSO (Douglas Delong), ERRG QCM
	(Spencer Slominski), and ERRG SSHO (Richard Epp).

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

03/12/13 — 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)

Soil Cover Installation

Date: 03/12/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, and 3/5 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover on slopes between between Bldg 103 and Bldg 117, and on NE side of Bldg 104
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, and 3/5 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/12/13

Photo 1: Soil Cover Installation – Excavation of the courtyard area between Building 115 and Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 12, 2013

Photo 2: Soil Cover Installation – Placement of clean imported soil on the slope on the northeast side of Building 104

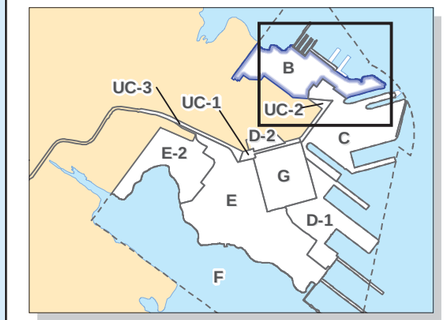
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 12, 2013

Photo 3: Soil Cover Installation – 2-foot thick soil cover installed on the slope on the northeast side of Building 104

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 12, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	082		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Sunny/Mild
MAX TEMP (F)	66	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill, tree rmvl	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Crew finish excavating the area behind building 116- hand dig along electric	ERRG	1	Project Manager	0
	PVC conduit. Excavate slope behind building 116 NW corner to power pole.	ERRG	1	QC Manager	10
	Several old irrigation items removed-totes, pvc piping, electrical etc.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
04	Archeologist on site to witness excavation on slope below building 109.	ERRG	4	Equipment Operators	19
		ERRG	4	Laborers	21
04	Crew continue placing backfill material on the slope above building 103, and	ERRG	3	Truck Drivers	16
	on the slope between Building 117 and 103.				

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	106
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10,799.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	10,905.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	0
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	8 Loads (~160cy) of fill material on the slope between 103 and 117 and above the slope at B 103.
04	13 Loads (~260cy) of excavated material from behind Building 116 to the stockpile area.

James Nores 03/13/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	082 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Mild
MAX TEMP (F)	66
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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	2
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

03/13/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/13/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Clearing + stripping soil, hauling to stockpile; hauling, placing + compacting soil cover.

SAFETY TOPICS PRESENTED

SAFETY TOPICS STOP, Equipment, Tenants, Truck traffic

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	E	[signature]
Toney Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Fernando Lara	ERRG	[signature]
Jim Arnion	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Bonis P		Bonis P
Spencer Johnson	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
Mike Babsl	ERRG	[signature]
TS ADM	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

3 CLEARING + GRUBBING
10 SOIL COVER

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/13/13 @0700
Site Safety and Health Officer:	[redacted] R. EAP		3/13/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/13/13 0700
Employee(s):	King A Alley		3-13-13 @ 0700
	Torey Green		3-13-13 0700
	Brian Kerr		3-13-13 0700
	Fernando Leza		3-13-13 0700
	Jim Aguirre		3-13-13 0700
	ENRIQUE MARTINEZ		3-13-13 0700
	Boris P		3/13/13 0700
	Spencer Johnson		3/13/13 0700
	Mike Babst		3/13/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	3/13/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG, CLEARING LATE MORNING	Page:	1 of 1
Site Visitors:	KLEINFELDER – B. CONNOLLY, S. MACKENZIE, M. WEAVER ARCHEOLOGIST – MICHAEL MAYER		

Description of Field Activities:

EXCAVATOR & HAULED AWAY MISC. PIPING & SOIL & ROCKS.

HAULED & PLACED, COMPACTED FILL SOIL ON SLOPE BETWEEN BLDG. 103 & GANTZ.

EQUIPMENT – COMPACTOR, 2 OFF-ROAD DUMP TRUCKS, SKIP LOADER, END LOADER, BULLDOZER, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 3/13/13

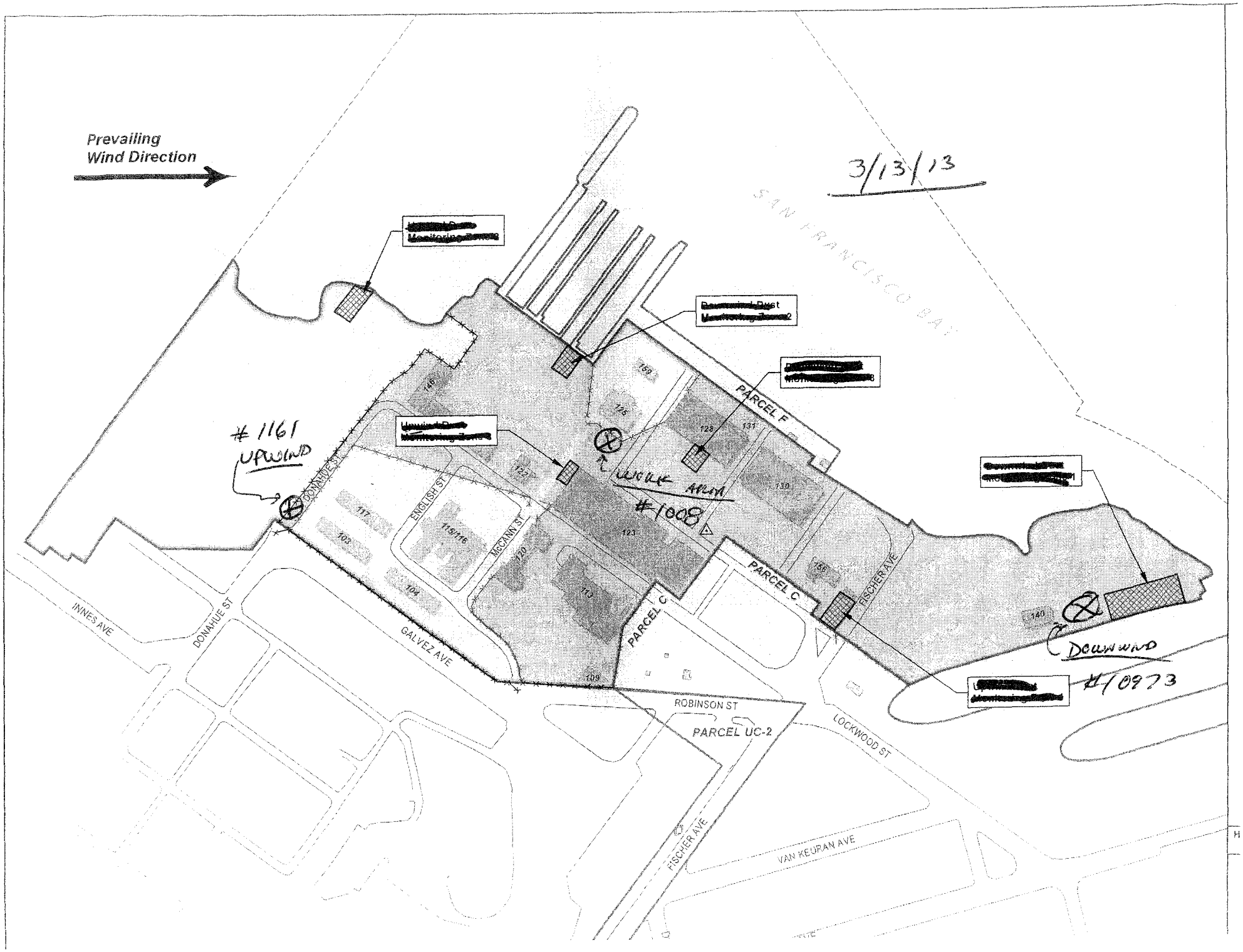
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):	3/1/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue @ Grounds	3/13/13	NOT DEPLOYED IN AM - FOG			
# 1161		1128	0.039	0.052	#1161 RETURNED
		1302	0.044	0.041	
		1355	0.023	0.039	
		1504	0.017	0.031	
WORK AREA SOUTH OF BLDG	3/13/13	0732	0.029	0.040	DEPLOYED, THEN RETRIEVED
125 - MOTOR # 1008					WHEN FOG BANK MOVED IN.
		1135	0.071	0.068	
		1259	0.064	0.051	
		1353	0.046	0.051	
		1507	0.039	0.047	
DOWNWIND DRYDOCK #3	3/13/13	0728	0.000	0.000	LEFT OUT IN FOG.
		1257	0.000	0.152	
		1348	0.000	0.136	
		1440	0.000	0.114	



Prevailing
Wind Direction
3/13/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
#1161
UPWIND
WORK AREA
#1008
DOWNWIND
#10973
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
122
130
117
115/116
123
103
120
104
113
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/03/13

REPORT NO 082

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued excavation of the courtyard area between Building 115 and Building 116. Removed debris from the irrigation system at the west corner
	of Building 116 and began excavating soil. Continued placing and compacting clean imported soil on the slope at the corner of Donahue St
	and Galvez Ave; continued placing and compacting clean imported soil on the slope between Building 104 and the retaining wall along English St.
	Verified that construction activities complied with the Soil 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
	Personnel from Kleinfelder were on site to conduct groundwater monitoring activities (performed under a separate contract).

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.

Spencer Slominski — 03/13/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 03/13/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, and 3/5 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover on slopes on NW side of Bldg 103 and on NE side of Bldg 104
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22 and 2/26 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, and 3/5 was inspected to verify correct material was delivered
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/13/13

Photo 1: Soil Cover Installation – Excavation of the courtyard area between Building 115 and Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 13, 2013

Photo 2: Soil Cover Installation – Placement of clean imported soil on the slope at the corner of Donahue St and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 13, 2013

Photo 3: Soil Cover Installation – Placement of clean imported soil on the slope at the corner of Donahue St and Galvez Ave

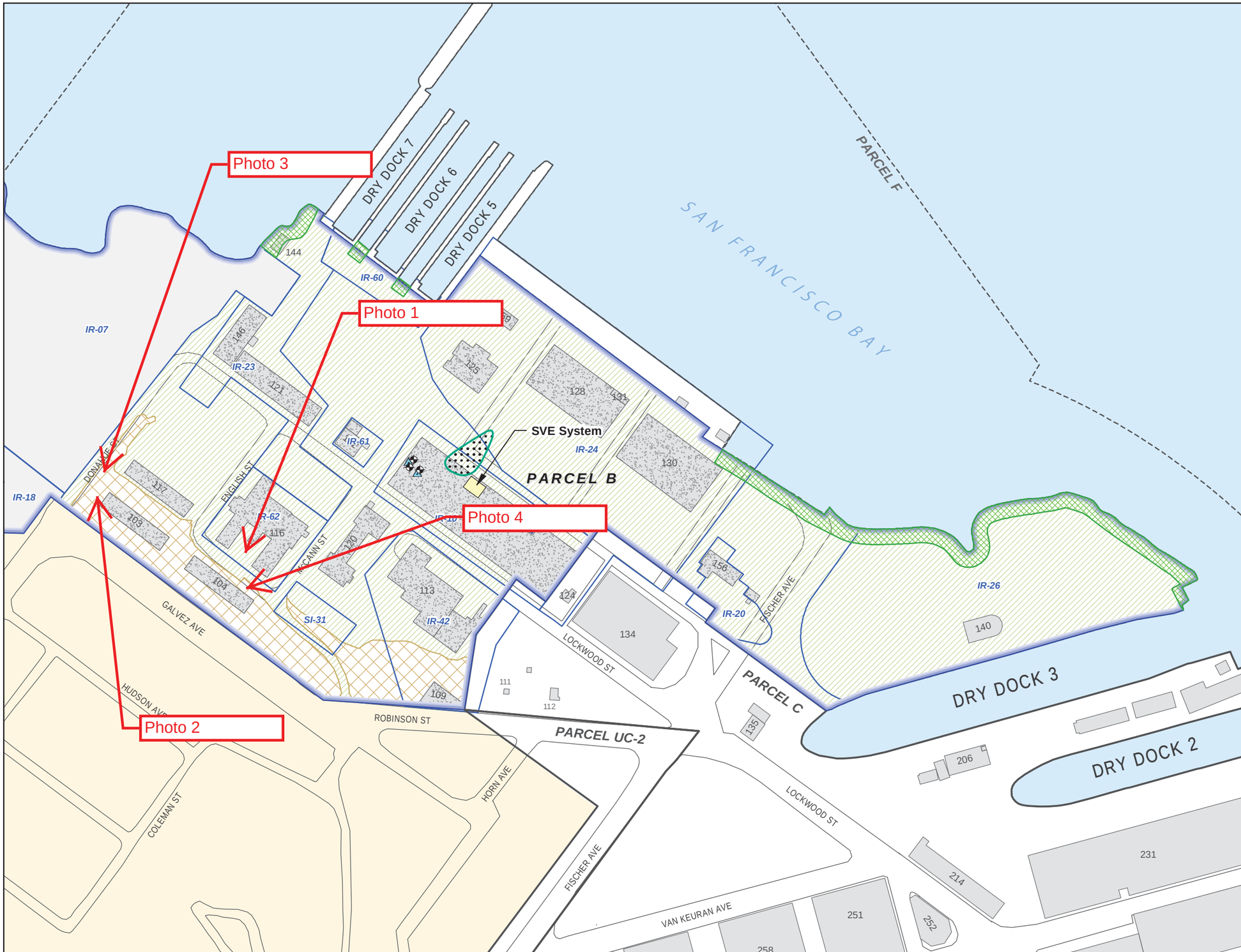
HPNS Parcel B Remedial Action, San Francisco, California

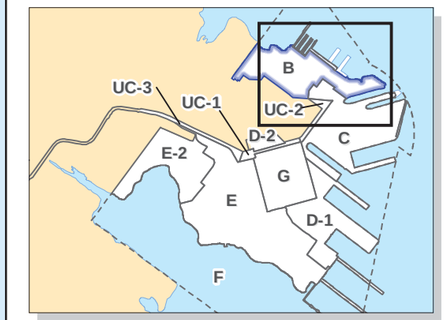
Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 13, 2013

Photo 4: Soil Cover Installation – Placement of clean imported soil on the slope along the northeast side of Building 104

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 13, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	083		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold	PM WEATHER	Cloudy/Cool
MAX TEMP (F)	59	MIN TEMP (F)	49

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill, tree rmvl	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Archeologist on site to witness excavation on slope below building 109.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
04	Crew continue excavating above the retaining wall below building 109, haul	ERRG	1	H&S Officer	8
	excavated material to the stockpile area.	ERRG	2	QC Staff	20
		ERRG	4	Equipment Operators	25
04	Jerico on site to unload barge at dry dock 3, ERRG crew to support/load mat	ERRG	3	Laborers	14
		ERRG	3	Truck Drivers	23
04	Crew continue placing backfill material on the slope along Donahue NW of	Sonoma State	1	Archeologist	8
	building 117.	Jerico	4	Barge Crew	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	158
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	10,905.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11,063.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
04	008	3773 tons Fill material
04	016	98 rolls Erosion Control Blanket

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	0
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	25 Loads (~500cy) of fill material to the slope on Donahue 5 loads to the slope below 109
04	31 Loads (~620cy) of excavated material from below Building 109 to the stockpile area.

James Nores 03/14/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 14/03/13
		REPORT NO: 083 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold	Cloudy/Cool	59	49

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	2
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

03/14/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/14/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK MOVE IMPORT SOIL AWAY FROM BARGE UNLOADING, CLEAR DEBRIS + SOIL, HAUL, PLACE + COMPACT COVER SOIL, LOADOUT GROUNDWASTE IN BINS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAFF, EQUIPMENT, TRUCK TRAFFIC, TENANTS, CONFINED WORK AREA

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE : ALL HANDS PARTICIPATED IN "NAVFAC SW STAND DOWN PRESENTATION MAR 2013" POWER POINT PRESENTATION.

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Toney Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Paul [illegible]	[illegible]	[signature]
Fernando Lozo	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
Boris Bonilla	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Michael Meyer	AX SSU	[signature]
Spencer Slomnski	ERRG	[signature]
RAYMOND GATES	JERICO	[signature]
TRAVIS STEPHENS	"	[signature]
PHIL BLAND	"	[signature]
MITCH JOHNS	"	[signature]
Bing Bailey	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE 3/14/13 [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#3 CLEARING & GRUB
#6 IMPORT SOIL
#10 SOIL COVER

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/14/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		3/14/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/14/13 0700
Employee(s):	Toney Green		3-14-13 0700
	Brian Kerr		3-14-13 0700
	Paul Rodriguez		3-14-13 0700
	Fernando Lara		3-14-13 0700
	Jim Aguiar		3-14-13 0700
	Boris Portillo		3/14/13 0700
	Enrique Martinez		3-14-13 0700
	Spencer Johnson		3/14/13 0700
	Michael Mayer		3-14-13 0700
	RAY GATES		3-14-13 0700
	Travis Stephens		3-14-13 0700
	PHIL BLANCO		3-14-13 0700
	MITCH JOHN		3-14-13 0700
	[illegible]		3-14-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	3/14/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY, WINDY	Page:	1 of 1
Site Visitors:	ARCHIOLOGIST - MICHAEL MEYER BARGE (JOMICO) REYNOLD COTON, TRAVIS STAHHEUS, PHIL BLAND, MITCH JONES KLEINFELDER - DEVANT WALKER, JEFF SALA		

Description of Field Activities:

UNLOADING + MOVING FILL COVER FROM BARGE @ DRY DOCK #3

EXCAVATING + HAULING SPOIL FROM RETAINING WALL AREA ON SLOPE BEHIND BLDG 113, HAULED TO STOCKPILE AREA.

HAULING FILL COVER SOIL TO DONAHUE ST., PLACING + COMPACTING ON DONAHUE ST SLOPE AT END OF BLDG 103.

HAULING FILL COVER SOIL TO BLDG 115/116 ALCOVE, PLACING + COMPACTING.

INCORPORATED INTO THE MORNING SAFETY TAILGATE WAS THE SHOWING AND DISCUSSION OF THE "NAVFAC SW STANDOWN PRESENTATION MAR 2013" POWER POINT.

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, BULLDOZER, 2 END LOADERS, SKIP LOADER, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 3/14/13

ERRG

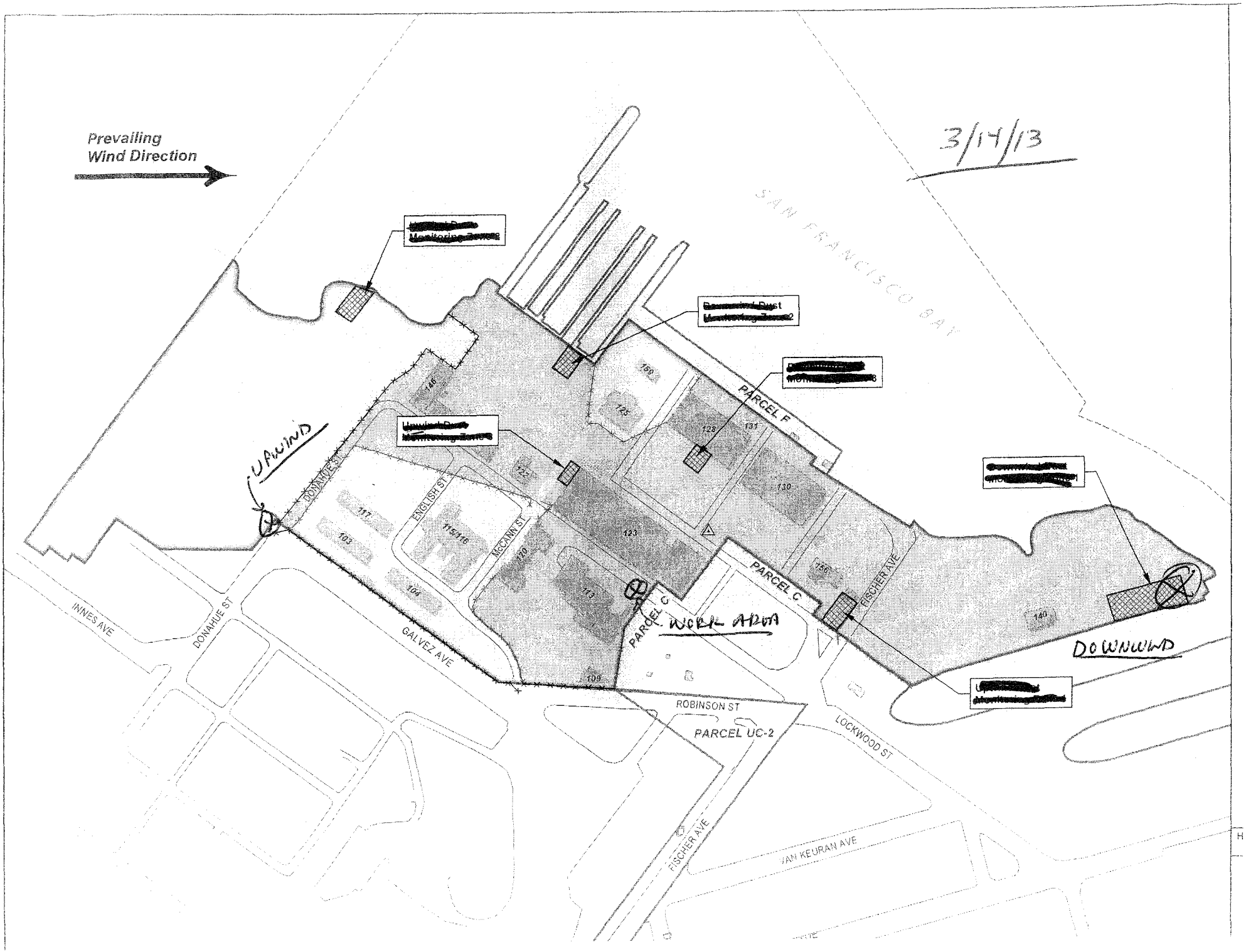
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 3/1/13

Client: US Navy
Project No.: 2012-037
Page: 1 of 1
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DONAHUE @ GALVEZ	3/14/13	0748	0.020	0.019	
METER # 1161		0849	0.018	0.019	
		0953	0.016	0.018	
		1058	0.017	0.017	
		1159	0.014	0.016	
		1350	0.015	0.016	
		1445	0.014	0.016	
WORK AREA PARCEL B/C	3/14/13	0745	0.000	0.003	
FENCE BOROUGH B-123+113 # 1008		0846	0.000	0.004	
		0951	0.000	0.000	
		1056	0.030	0.003	
		1157	0.029	0.004	
		1346	0.034	0.016	
		1451	0.036	0.019	
DOWNWIND DRYDOCK #3	3/14/13	0740	0.000	0.000	
@ SHORELINE # 10973		0840	0.000	0.000	
		0946	0.000	0.000	
		1053	0.000	0.000	
		1155	0.000	0.000	
		1335	0.000	0.000	
		1456	0.000	0.000	



Prevailing
Wind Direction
3/14/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
159
125
128
131
130
146
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/03/13
REPORT NO	083

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Imported clean cover soil by barge and stockpiled the soil at Dry Dock 3 (see Contractor Production Report for soil quantity). Visually inspected
	the imported soil and collected a sample for geotechnical analysis. Received delivery of erosion control blanket, and verified that the product
	matched the approved submittal. Excavated the upslope side of the retaining wall south of Building 113 to a depth of 2-feet, and continued
	excavation of the slope between the retaining wall and Building 109; excavation in this area was observed by archaeological monitor.
	Continued placing and compacting clean imported soil on the slope along the southeast side of Donahue St. Began placing and compacting
	clean imported soil in the courtyard area between Building 115 and Building 116.
	Verified that construction activities complied with the Soil 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
	Personnel from Kleinfelder were on site to conduct groundwater monitoring activities (performed under a separate contract).

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

03/14/13 — 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)

Soil Cover Installation

Date: 03/14/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover on slopes along Donahue St and on SW side of Bldg 116
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/14/13

Photo 1: Soil Cover Installation – Offloading clean imported soil from barge at Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 14, 2013

Photo 2: Soil Cover Installation – Excavation of the slope behind the retaining wall south of Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 14, 2013

Photo 3: Soil Cover Installation – Placement of clean imported soil on the slope along Donahue St

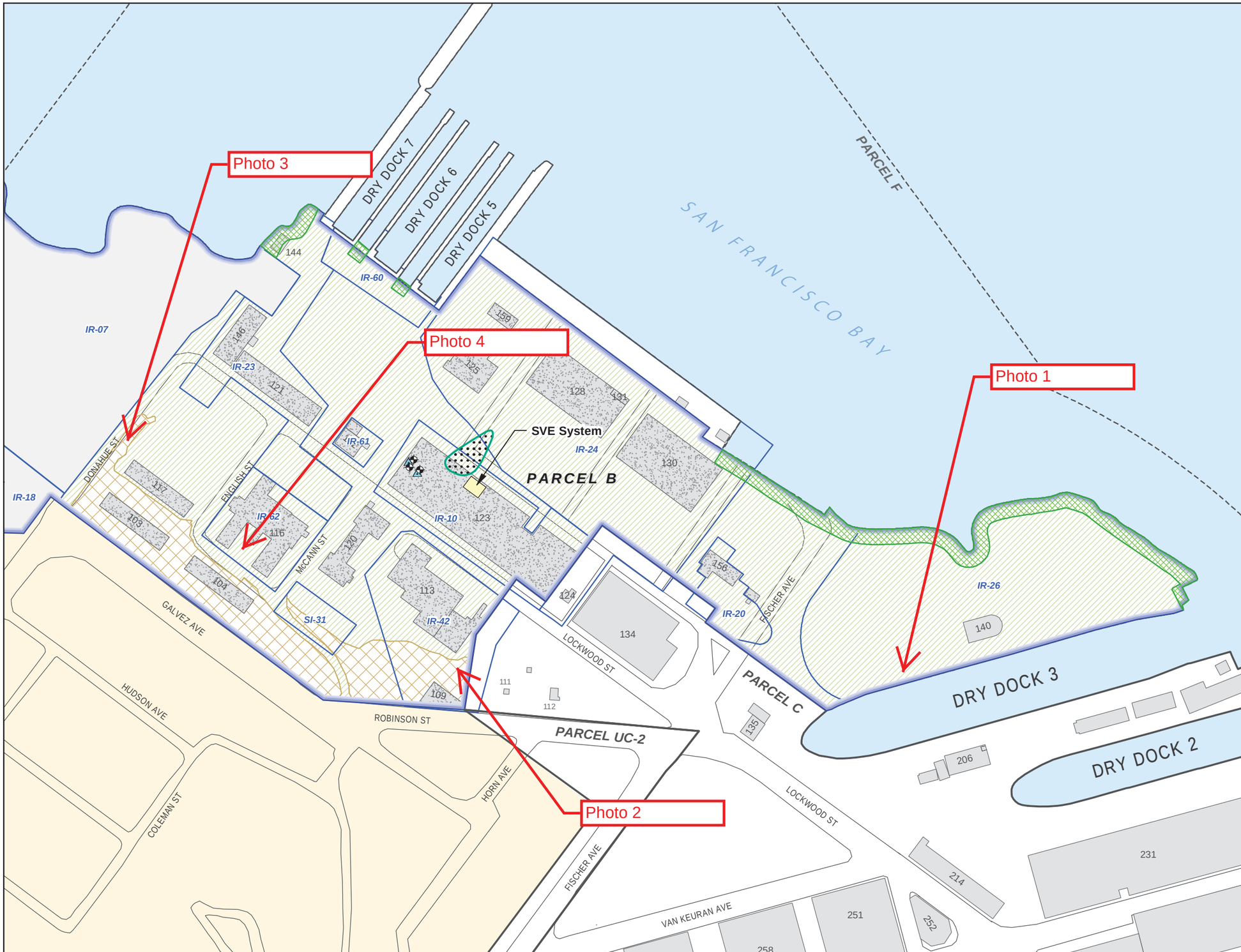
HPNS Parcel B Remedial Action, San Francisco, California

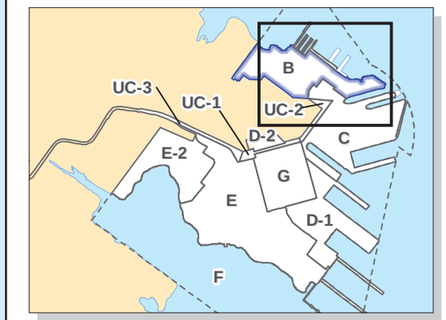
Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 14, 2013

Photo 4: Soil Cover Installation – Placement of clean imported soil in the courtyard area between Building 115 and Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 14, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	084		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold	PM WEATHER	Pt Cloudy/mild
MAX TEMP (F)	59	MIN TEMP (F)	49

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	3.5
	Crew working on cutting key in trench at the toe of slope below building 109,	ERRG	1	Project Manager	0
	haul excavated material to the stockpile area.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
	Crew working on backfilling the area behind building 116, place and compact	ERRG	2	QC Staff	20
	with dozer.	ERRG	4	Equipment Operators	22
		ERRG	3	Laborers	22
		ERRG	3	Truck Drivers	12

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	107.5
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11,063.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11,171

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	0
04	ERRG	JD 200CLC Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	6 Loads (~120cy) of fill material to the area behind building 116
04	13 Loads (~260cy) of excavated material from the key in trench bottom of slope below Building 109 to the stockpile area.

James Nores 03/15/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	084 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold
PM WEATHER	Pt Cloudy/mild
MAX TEMP (F)	59
MIN TEMP (F)	49

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	2
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	0
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

03/15/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/15/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CLEARING + HAULING SPOIL, GREEN WASTE IN BINS, SOIL COVER ON SLOPES + IN 115/116 ALCOVE

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, EQUIPMENT, TENANTS, TRUCK TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Ming Bailey	ERRG	[signature]
Joney Green	ERRG	[signature]
Fernando Loza	ERRG	[signature]
[illegible]	[illegible]	[signature]
[illegible]		
Brian Kerr	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babsl	ERRG	[signature]
Spencer Slominch	ERRG	[signature]
TM Arnl	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

3 Clearing + Grubbing

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

#10 Soil Cover

AHA #: 12 Site Grading

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	3/15/13 @0200
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	3/15/13 @0200
Construction Quality Control Manager:	[redacted] S. Slominski	[signature]	3/15/13 0700
Employee(s):	Kim Bailey	[signature]	3-15-13 @0700
	Toney Green	[signature]	3-15-13 0700
	Fernando Leza	[signature]	3-15-13 0700
	Paul Rodriguez	[signature]	3-15-13 0700
	Boris P	Boris P	3/15/13 0700
	Brian Kerr	[signature]	3/15/13 0700
	Jim Aguiar	[signature]	3-15-13 0700
	Mike Batzyt	[signature]	3-15-13 0700
	Spencer Johnson	[signature]	3/15/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	3/15/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

EXCAVATING TOE OF SLOPE BEHIND BLDG 113. HAULING TO STOCKPILE.

BACKFILL w/ SOIL COVER IN B.115/116 ALCOVE + ALONG ROAD & B.116. HAULING SOIL COVER FROM DRY DOCK #3

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, SKIP LOADER, BULLDOZER, WATER TRUCK, END LOADER.

Signed: [signature] Date: 3/15/13

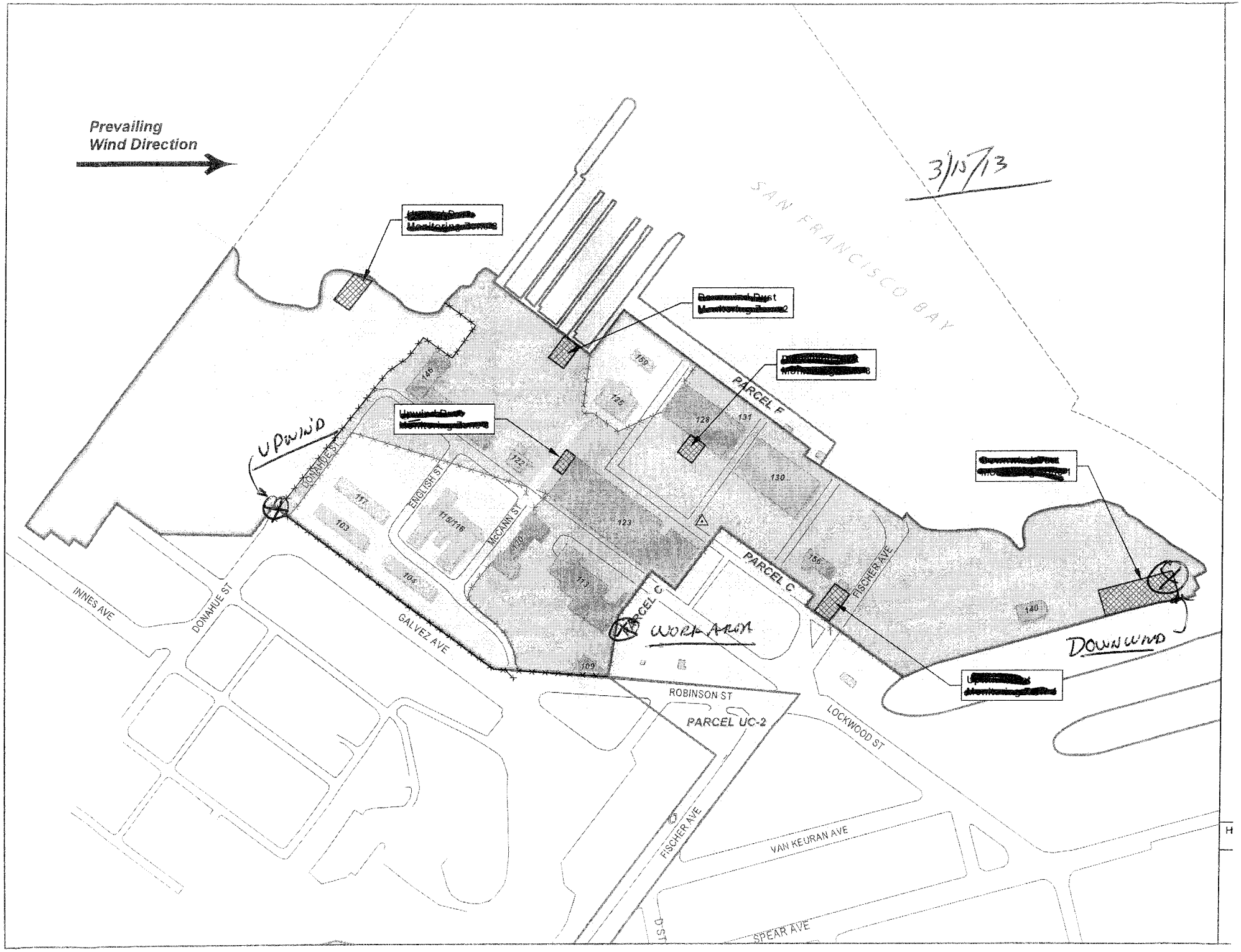
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	3/1/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue Gauge	3/15/13	0737	0.041	0.040	
Meter # 1161		0859	0.048	0.039	
		0947	0.031	0.039	
		1053	0.042	0.038	
		1148	0.032	0.037	
		1334	0.030	0.036	
		1450	0.040	0.046	
WORK AREA FENCE EAST OF	3/15/13	0813	0.015	0.028	
Bldg 113 - Meter # 1008		0852	0.017	0.018	
		0943	0.022	0.022	
		1056	0.047	0.026	
		1150	0.020	0.027	
		1330	0.033	0.030	
		1445	0.056	0.040	
DOWNWIND Dry Dock #3	3/15/13	0728	0.000	0.000	Reacted to Blowing
Meter # 10973		0850	0.000	0.000	
		0940	0.000	0.000	
		1050	0.000	0.000	
		1154	0.000	0.000	
		1338	0.000	0.000	
		1440	0.000	0.000	



Prevailing
Wind Direction
3/15/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
122
130
117
103
115/116
120
123
156
104
113
140
109

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Cat Haul truck Identification Number: M/5788

Project Number / Name: 2012-037 Rental ☒ ERRG ☐

Date: Inspected By:	3/11/13 2858.1 BK			3/12/13 2861.3 BK			BK 3/13/13 2862.3			3/14/13 2864.8 BK			3/15/13 2870.2 BK		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐

Equipment defect or damage and corrective actions taken. Fuel gauge does not work

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 CAT Identification Number: M15884

Project Number / Name: HPNS Rental ☐ ERRG ☒

Date:	3-11-13			3-12-13			3-13-13			3-14-13			3-15-13		
Inspected By:	FL 3385.7			FL 3388.3			FL 3394.2			FL 3400.1			3406.2 FL		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐

Describe any equipment defect or damage and corrective actions taken. REAR LEFT TIRE DAMAGED. RIGHT SMALL MIRROR BROKEN! FRONT BUMPER DAMAGED.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 644J Identification Number: 454458

Project Number / Name: 2012 037 HPNS Rental ☐ ERRG ☒

Date: Inspected By:	3918.3 TG 3-14-13			3919.9 BK 3/15/13											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: John Deere 650 Dozer Identification Number: YC3B96

Project Number / Name: HPNSY SF. Rental ☑ ERRG ☐

Date: / Inspected By:	3-11-13 259.3			3-12-13 266.4			3-13-13 272.1			3-14-13 279.0			3-15-13 285.8		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐

Describe any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200 [redacted] Excavator Identification Number: _____

Project Number / Name: 2012-037 Rental ☐ ERRG ☒

Date: / Inspected By:	3/11 4673 BP			3/12/13 4677 BP			3/13 4684 BP			3/14 4690 BP			3/15 4697 BP		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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]ipment defect or damage and corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 Truck Identification Number: 8J94768

Project Number / Name: HPSY PB 2012 037 Rental ☐ ERRG ☑

Date: Inspected By:	3/11-13 PR 2520.5			3/12/13 PR 2520.5			3/13/13 2521.1			3/14/13 2521.1			3/15/13 2521.1		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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] equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 Truck Identification Number: 7V03957

Project Number / Name: HPSY PB 2012037 Rental ☐ ERRG ☑

Date: Inspected By:	3/11/13 PR HR. 3860.9			3/12/13 3864.0			3-13-13 FL3866.1			3-14-13 3867.6			3/15-13 3870.5		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Front bumper has damage passenger side steps damage back fenders damage. 3-11-13 2:39 pm Flat tire. Let Mike know. Tire guy to fix on 3/12/13.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: ESKIPI Identification Number:

Project Number / Name: H-P Rental ☐ ERRG ☒

Date: / Inspected By:	KIKI 3-11-13 HOR 1348.8			KIKI 3-12-13 HOR 1349.6			KIKI 3-13-13 HOR 1350.8			3-14-13 FC 1351.1			3-15-13 FC 1353.1		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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] equipment defect or damage and corrective actions taken.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Manlift Identification Number: 504 1011887

Project Number / Name: 2012 037 HPNS Rental ☒ ERRG ☐

Date:	2012 037 3-11-13			3-12-13											
Inspected By:	TG 2250			TG											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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] equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: JLG forklift Identification Number: 790150-544

Project Number / Name: HPSY PB Rental ☐ ERRG ☑

Date:	3/12/13														
Inspected By:	0153665 PR			@ c 537.46											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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] equipment defect or damage and corrective actions taken. Leak on front of boom

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: TW 11077

Project Number / Name: HPNS Rental ☐ ERRG ☒

Date: Inspected By:	3-11-13 FC 553.4			3/12/13 BK 554.7			3-13-13 H556.7			3/14/13 557.4			3/15/13 558.4		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐

Equipment defect or damage and corrective actions taken. BACK DRIVER SIDE LIGHT OUT!

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: 760-11-7139

Project Number / Name: HPNS PARCEL B Rental ☐ ERRG ☑

Date: Inspected By:	3/11/13 [illegible] 840.0			3/12/13 [illegible] 842.1			3/13/13 [illegible] 843.1			3/14/13 [illegible] 846.0			3/15/13 [illegible] 849.4		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 15/03/13

REPORT NO 084

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Excavated a 2-foot deep trench along the toe of the slope south of Building 113 to allow the soil cover to key into the asphalt pavement cover.
	Continued placing and compacting clean imported soil in the courtyard area between Building 115 and Building 116. Began placing clean
	imported soil on the slope between English St and the southwest side of Building 116.
	Verified that construction activities complied with the Soil 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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

03/15/13 — 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)

Soil Cover Installation

Date: 03/15/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Excavated 2 ft deep key trench at toe of slope south of Bldg 113
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover between Bldg 115 and Bldg 116
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/15/13

Photo 1: Soil Cover Installation – Excavation of key trench along the toe of the slope south of Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 15, 2013

Photo 2: Soil Cover Installation – Clean imported soil transported to the soil cover area between English St and Building 116

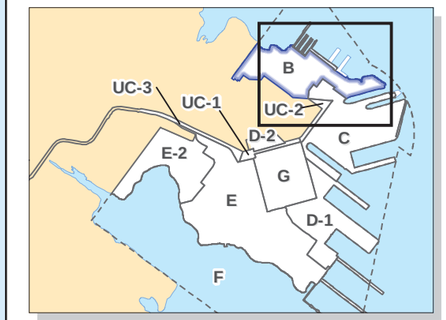
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 15, 2013

Photo 3: Soil Cover Installation – Placement of clean imported soil in the courtyard area between Building 115 and Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 15, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 18/03/13	REPORT NO: 085
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cold	PM WEATHER: Pt Cloudy/mild	MAX TEMP (F): 62	MIN TEMP (F): 54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew working on placing plastic on the windows of building 104 uphill side.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
03	Crew working on cleaning floors for inspection of building 121.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
04	Crew excavating slope behind building 113, haul spoils to stockpile area.	ERRG	4	Equipment Operators	28
		ERRG	6	Laborers	40
04	Crew placing compacting fill above retaining wall below building 109. Crew	ERRG	3	Truck Drivers	20
	backfilling compacting soil below building 104.				

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: 136
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: 11,171
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: 11,307

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
04		Compaction wheel for JD 310 backhoe

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	8
04	ERRG	JD 200CLC Excavator	2
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	47 Loads (~940cy) of fill material to the area behind building 116
04	4 Loads (~80cy) of excavated material from the key in trench bottom of slope below Building 109 to the stockpile area.
04	Naomi Bernardo with air board stopped by for a visit- inquiring about dust control, nothing negative just asking questions about our operations.

James Nores 03/18/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	18/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	085 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold
PM WEATHER	Pt Cloudy/mild
MAX TEMP (F)	62
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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	2
04	ERRG	JD 310 Backhoe	8
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	6
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	4
04	ERRG	JD 644J loader	4

Schedule Activity No.	REMARKS

James Nores 03/18/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/18/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATING SOIL, LOADING OUT GROUND WATER, PLACING/COMPACTING SOIL COVER, HAULING SOIL & SOIL COVER, BLDG FLOORS.

SAFETY TOPICS PRESENTED

SAFETY TOPICS SAF, TRAFFIC, TOOLS, EQUIPMENT,

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Toney Green	ERRG	
JIM AGUIAR	ERRG	
JEREMY AGUIAR	ERRG	
Paul Rodriguez	ERRG	
Brian Kerr	ERRG	
[illegible]	ERRG	
Adolfo Wright	ERRG	
[illegible]		
Rodrigo Pulido	ERRG	Rodrigo
King Bailey	ERRG	
[illegible] Mortimer	ERRG	
Mike Babost	ERRG	
Spencer Johnson	ERRG	
Joe Greek	ERRG	
[illegible]	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

8 BLDG RESTORATION
3 CLEARING + GRUBBING

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

10 SOIL COVER

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/18/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		3/18/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/18/13 0700
Employee(s):	Toney Green		3-13-13 0700
	Jim Aguiar		3-18-13 0700
	Paul Rodriguez		3-18-13 0700
	JEREMY AGUIAR		3/18/13 0700
	Brian Kerr		3/18/13 0700
	Fernando Lopez		3/18/13 0700
	Boni [illegible]		3/18/13 0700
	Adolfo M Adrigal	Adolfo M.	3/18/13 0700
	Rodrigo pulido	Rodrigo	3/18/13 0700
	[illegible]		3/18/13 0700
	ENRIQUE MARTINEZ		3-18-13 - 0700
	Mike Barbosa		3-18-13 - 0700
	Spencer Johnson		3/18/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	3/18/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR TO CLOUDY	Page:	1 of 1
Site Visitors:	ROD REEVE W/ACCORD - CK DRAWINGS NAOMI BERNARDO - BAAQMD		

Description of Field Activities:

CLEANING BLDG. 121 PREP FOR FLOOR INSPECTION.

EXCAVATION + HAULING SPOIL FROM SLOPE BEHIND BLDG 113. HAUL, PLACE + COMPACTING FILL.

COMPACTING FILL NORTH OF BLDG. 104

SHAPING + COMPACTING FILL ~~[illegible]~~ ROADSIDE OF ALCOVE OF BLDG 115/116

INSTALLING PLASTIC WINDOW COVERING ON SOUTH SIDE OF BLDG. 104

EQUIPMENT: EXCAVATOR, 2 OFFROAD DUMPTRUCKS, SKID HADDER, BACKHOE, END LOADER, BULLDOZER, 2 KUBOTAS, WATER TRUCK

Signed: [signature] Date: 3/18/13

ERRG

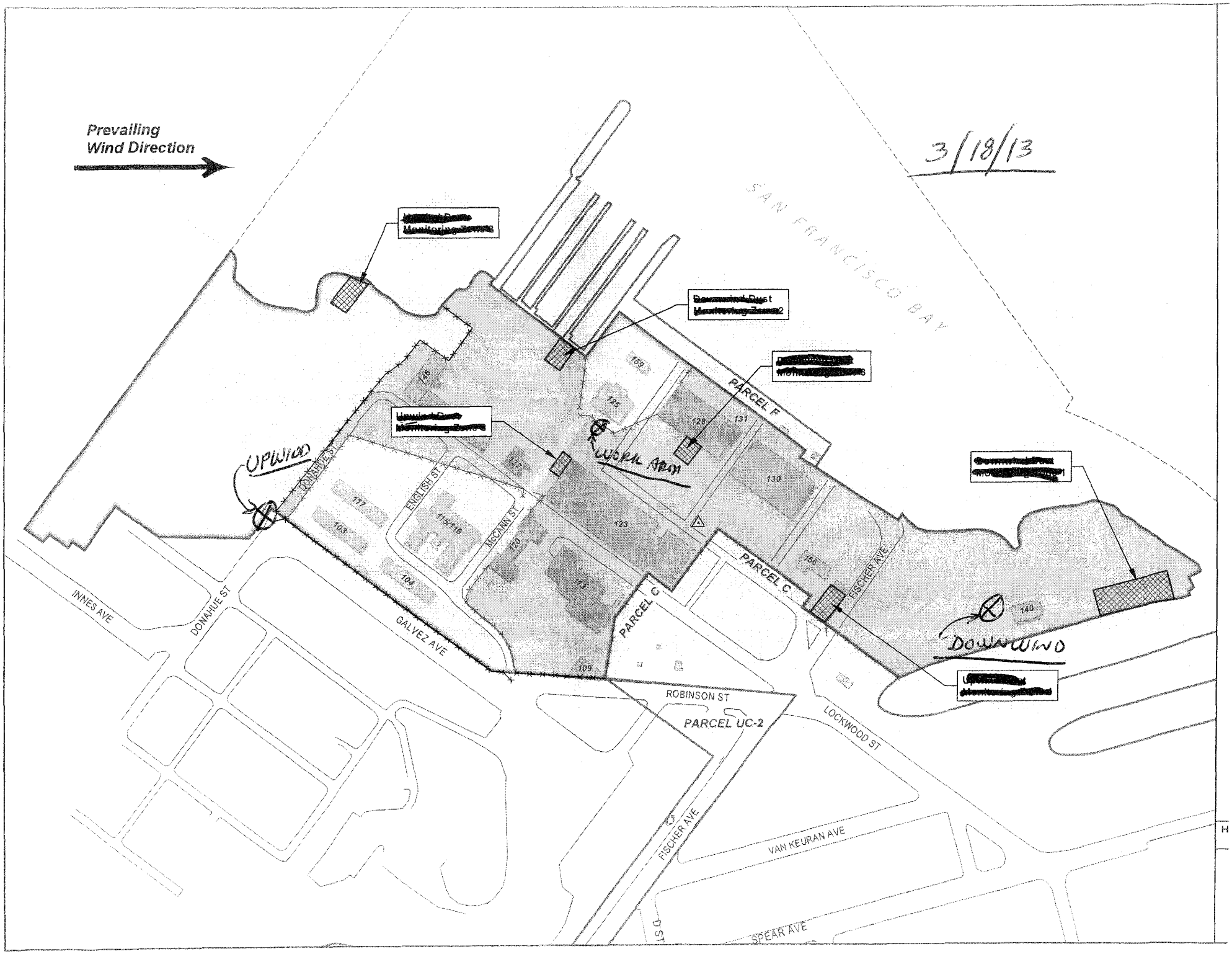
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 3/1/13

Client: US Navy
Project No.: 2012-037
Page: 1 of 1
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DONAHUE @ GALVEZ	3/18/13	0740	0.043	0.042	
MONITOR # 1161		0847	0.046	0.044	
		1007	0.040	0.043	
		1325	0.028	0.039	
		1442	0.028	0.039	
WORK AREA SIDE OF	3/18/13	0729	0.064	0.065	
BLDG 125 - MONITOR # 1008		0842	0.056	0.065	
		1009	0.063	0.062	
		1324	0.069	0.065	
		1445	0.224	0.137	
DOWNWIND @ DD#3 PUMPING	3/18/13	0725	0.000	0.000	
MONITOR # 10973		0840	0.000	0.000	
		1010	0.000	0.000	
		1322	0.000	0.000	
		1448	0.000	0.000	



Prevailing
Wind Direction
3/18/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK ARM
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
169
125
128
131
130
146
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	18/03/13
REPORT NO	085

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Began removing debris from the interior of Building 121 and cleaning the floors to allow for inspection of the foundation.
04	Continued excavating 2-foot deep key trench along the toe of the slope south of Building 113, and began backfilling the key trench with clean soil.
	cover. Completed placement and compaction of clean imported soil in the courtyard area between Building 115 and Building 116.
	Continued placing and clean imported soil on the slope between English St and the southwest side of Building 116.
	Continued placing and compacting clean imported soil on the slope between English St and the southwest side of Building 116.
	Continued placing and compacting clean importedsoil on the shallow sloped area west of Building 109.
	Verified that construction activities complied with the Soil 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.

Spencer Slominski — 03/18/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 03/18/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Excavated 2 ft deep key trench at toe of slope south of Bldg 113
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover between Bldg 115 and Bldg 116, and on slope W of Bldg 109
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/18/13

Photo 1: Soil Cover Installation – Key trench along the toe of the slope south of Building 113 at interface of the soil cover and the area to be paved

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 18, 2013

Photo 2: Soil Cover Installation –Compacting the clean soil cover on the slope between English St and Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 18, 2013

Photo 3: Soil Cover Installation – Clean soil cover installed over the courtyard area between Building 115 and Building 116

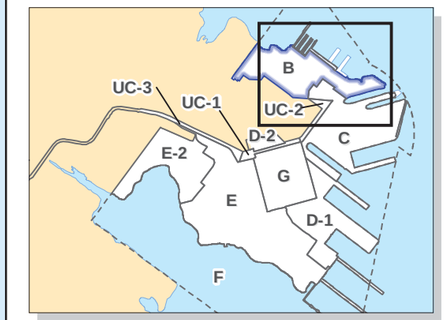
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 18, 2013

Photo 4: Soil Cover Installation – Placement of clean imported soil over the soil cover area west of Building 109

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 18, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	19/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	086		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold	PM WEATHER	Pt Cloudy/mild
MAX TEMP (F)	62	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Crew finish placing plastic on the windows of building 104 uphill side.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
03	Crew working on cleaning floors for inspection of building 120.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
04	Crew continue filling green waste bins.	ERRG	5	Equipment Operators	29
		ERRG	5	Laborers	36
04	Crew placing and compacting fill above retaining wall below building 109. Crew	ERRG	3	Truck Drivers	23
	backfilling and compacting soil below building 104.				

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	138
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11,307
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11,445

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	8
04	ERRG	JD 200CLC Excavator	2
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	37 Loads (~740cy) of fill material to the area behind building 116

James Nores 03/19/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	19/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	086 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold
PM WEATHER	Pt Cloudy/mild
MAX TEMP (F)	62
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
04	ERRG	JD 650 dozer	8
03	ERRG	JD 210 Skip Loader	4
04	ERRG	JD 310 Backhoe	8
04	Harris Blade	Cat 735 haul truck	8
03	Hertz	Bobcat skidsteer loader	2
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	0

Schedule Activity No.	REMARKS

James Nores 03/19/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/19/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION + HAUL SPOIL, INSTALL PLASTIC WINDOW COVERS, PREP CLEAN & INSPECT BLDG FLOORS; HAUL, PLACE + COMPACT SOIL COVER, LOAD GREEN WASTE

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, DUST CONTROL, TENANTS, EQUIPMENT, TRUCK TRAFFIC, RAIN PREP.

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Toney Green	ERRG	[signature]
Paul Rodriguez	[illegible]	[signature]
Brian Kerr	ERRG	[signature]
King Bailey	ERRG	[signature]
Fernando [illegible]	ERRG	[signature]
[illegible]	[illegible]	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Jim Aguiar	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
Mike Babst	ERRG	[signature]
ENRIQUE MATIHEZ	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Spencer Glomash	ERRG	[signature]
Spencer Johnson	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#3 CLEARING + GRUBBING
#8 AERIAL LIFT
#9 BLDG FDN RESTORATION
#10 SOIL COVER
#12 SITE GRADING

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #:

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/19/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		3/19/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/19/13 0700
Employee(s):	Tony Green		3-19-13 0700
	Paul Rodriguez		3-19-13 0700
	Brian Kerr		3-19-13 0700
	Thing Barley		3-19-13 0700
	Fernando Leza		3-19-13 0700
	Bonie P		3/19/13 0700
	Jim Figueroa		3/19/13 0700
	JEREMY AGUIAR		3/19/13 0700
	Adolfo MADRIGAL		3/19/13 0700
	Mike Barbosa		3/19/13 0700
	ENRIQUE MARTINEZ		3-19-13 0700
	Rodrigo Pulido	Rodrigo	3/19/13 0700
	Spencer Johnson		3/19/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	3/19/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:		Page:	1 of 1
Site Visitors:	US NAVY – PETER STROGANOFF, ANDY VEHISA, DOUG DELONG		

Description of Field Activities:

CLEANING OUT BLDG. 120, PREPPING FOR FLOOR INSPECTION.

FILLED GREEN WASTE CONTAINERS & MIXED WASTE CONTAINERS.

HAULING CLEAN FILL TO SLOPE BEHIND BLDG 113, PLACING & COMPACTING.

HAULING FILL TO SLOPE, NORTH SIDE OF BLDG 104, PLACING & COMPACTING

COVERED REMAINING WINDOWS ON [redacted] SOUTH SIDE OF BLDG 104.

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, 2 END LOADERS, SKIP LOADER, WATER TRUCK, 2 KUBOTAS, BULLDOZER.

Signed: [signature] Date: 3/19/13

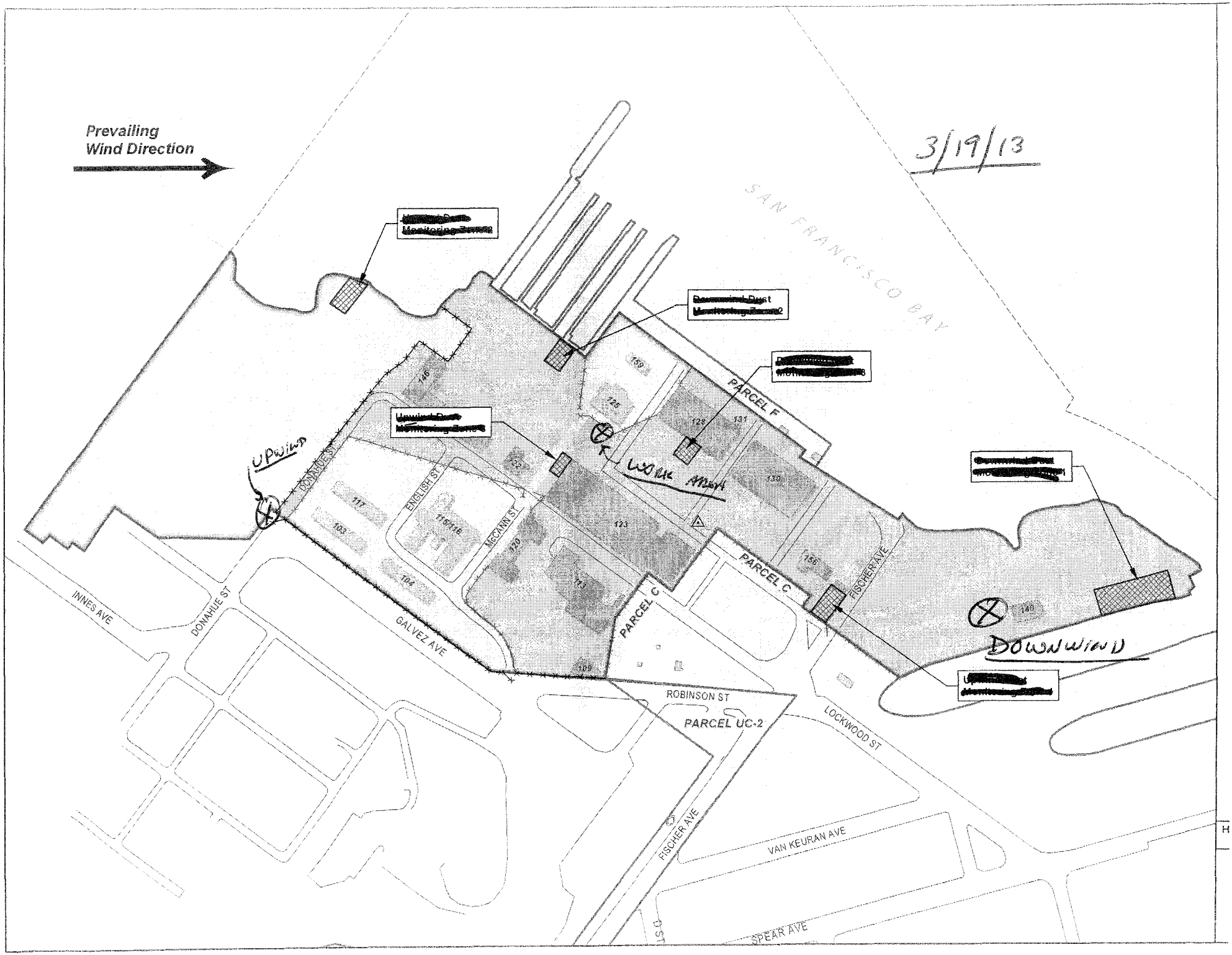
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	3/19/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DONAHUE & GRANT	3/19/13	0747	0.004	0.005	
MOTOR # 1161		0914	0.008	0.010	
		1432	0.000	0.006	
WORK AREA SOUTH of	DOPLOYED — WOULD NOT ROAD PROPERLY — CALIBRATED;				
BLDG 125 # 1008	ROADINGS NOT REALISTIC, RECAL — SAME				
	RESULTS, MOTOR DEFECTIVE.				
DOWNWIND @ DD #3	~~[illegible]~~				
PUMPHOUSE # 10973	3/19/13	0740	0.022	0.025	
		0910	0.015	0.016	
		1427	0.042	0.019	



Prevailing
Wind Direction
3/19/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 19/03/13

REPORT NO 086

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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 debris from the interior of Building 120 and continued cleaning the floors to allow for inspection of the foundation.
04	Continued backfilling the 2-foot deep key trench along the toe of the slope south of Building 113. Set grade stakes on the slope north of Building
	109 to guide installation of the soil cover to a thickness of 2 feet. Continued placing and compacting clean imported soil on the slope north of
	Building 109. Continued placing and compacting clean imported soil on the slope between English St and Building 104.
	Continued consolidating green waste and placing into debris bins for disposal.
	Verified that construction activities complied with the Soil 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
	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Andrew Uehisa), Navy CSO (Douglas Delong), ERRG QCM
	(Spencer Slominski), ERRG Superintendent (James Nores), and ERRG QC staff (Spencer Johnson, Mike Babst).

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

03/19/13 — 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)

Soil Cover Installation

Date: 03/19/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Excavated 2 ft deep key trench at toe of slope south of Bldg 113
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover on slope N of Bldg 109
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/19/13

Photo 1: Building Foundation Inspection and Restoration – Floor cleaning performed inside Building 120

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 19, 2013

Photo 2: Soil Cover Installation – Grade stakes set on the slope to guide installation of the soil cover to a thickness of 2 feet

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 19, 2013

Photo 3: Soil Cover Installation –Clean imported soil hauled to the soil cover area north of Building 109

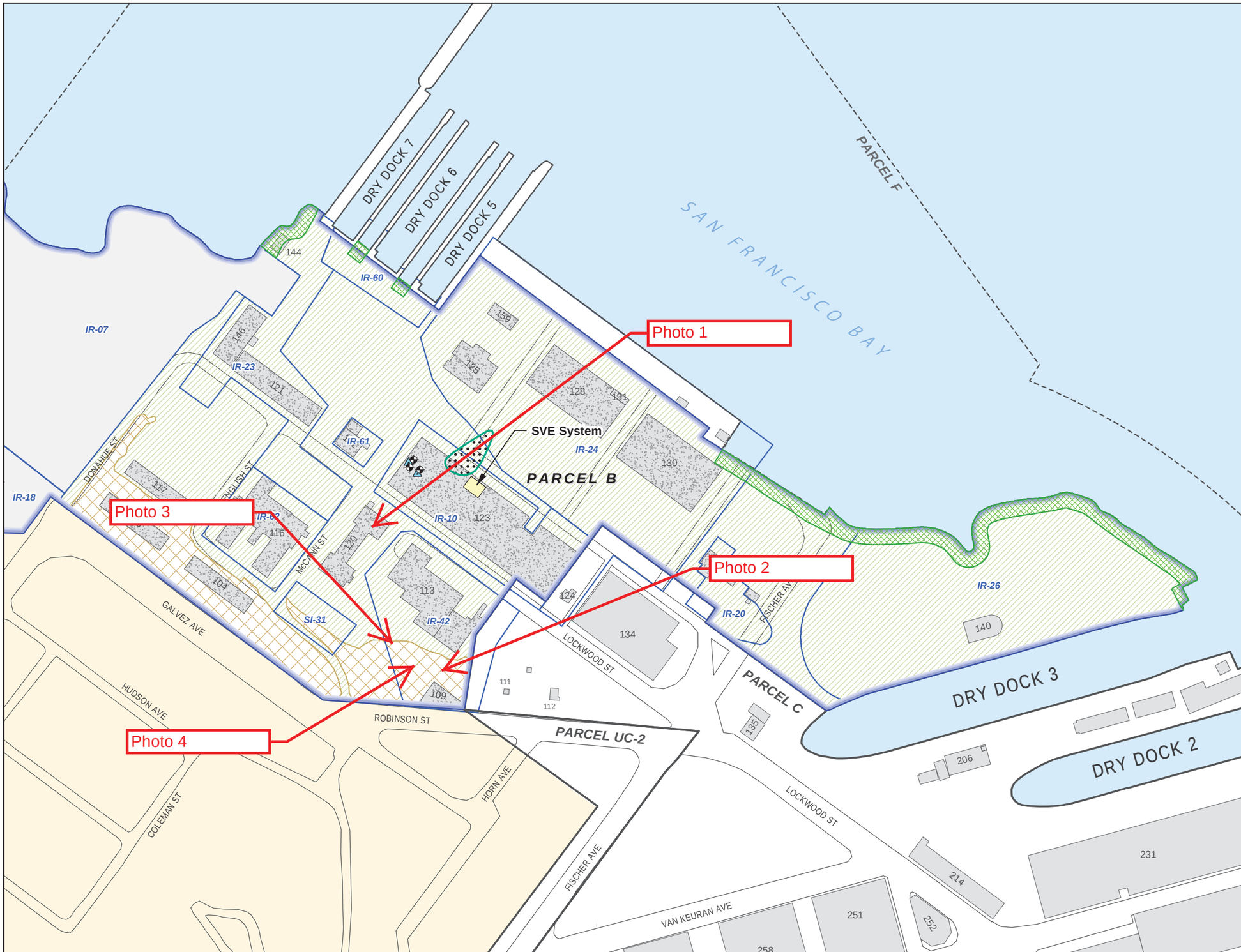
HPNS Parcel B Remedial Action, San Francisco, California

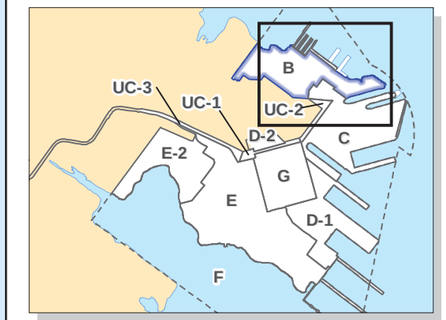
Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 19, 2013

Photo 4: Soil Cover Installation –Placement of clean imported soil on the slope north of Building 109

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 19, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	087		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Rain	PM WEATHER	Cloudy/Cool
MAX TEMP (F)	60	MIN TEMP (F)	51

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Continue placing, compacting and finish grading slope below building 109.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
04	Continue placing, compacting and finish grading soil cover around building 104	ERRG	1	H&S Officer	8
	behind building 116, along the uphill side of building 103. A lot of hand work	ERRG	2	QC Staff	20
	finish raking etc.	ERRG	4	Equipment Operators	24
		ERRG	7	Laborers	44
		ERRG	2	Truck Drivers	4

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	124
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11,445
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11,569

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlft	8
04	ERRG	JD 200CLC Excavator	2
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	12 Loads (~240cy) of fill material to the area behind building 116, below 109 and various areas near 103 and 104

James Nores 03/20/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	087 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Rain
PM WEATHER	Cloudy/Cool
MAX TEMP (F)	60
MIN TEMP (F)	51

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	4
04	ERRG	JD 310 Backhoe	8
04	Harris Blade	Cat 735 haul truck	8
04	Hertz	Bobcat skidsteer loader	2
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0
04	ERRG	JD 644J loader	0

Schedule Activity No.	REMARKS

James Nores 03/20/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/20/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CLEAR OUT BLDGS FOR FLOOR INSPECTION + REPAIR, EXCAVATE + HAUL AWAY SPOIL, HAUL, PLACE + COMPACT SOIL COVER, GREEN WASTE

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, MUD/WET SURFACES, TENANTS, TRAFFIC CONGESTION, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Fernando Lezo	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Toney Green	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
[illegible]	" "	[signature]
[illegible]	ERRG	[signature]
[illegible] Martinez	ERRG	[signature]
Spencer Slomiak	SPRL	[signature]
Spencer Johnson	ERRG	[signature]
[illegible] Bailey	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#9 BLDG FDN RESTORATION

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #10 SOIL COVER CONST. 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	3/20/13 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	3/20/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	3/20/13 0700
Employee(s):	Fernando Loza	[signature]	3/20/13 @ 700
	Adolfo Madrogal	Adolfo M.	3/20/13 0700
	Brian Kerr	[signature]	3/20/13 0700
	Toney Green	[signature]	3-20-13 0700
	Rodrigo Polvido	Rodrigo	3/20/13 0700
	Boris Portillo	[signature]	3/20/13 0700
	Jim Aguiar	[signature]	3-20-13 0700
	Enrique Martinez	[signature]	3-20-13 0700
	Spencer Johnson	[signature]	3/20/13 0700
	King Bradley	[signature]	3-20-13 0700
	Mike Barbosa	[signature]	3/20/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	3/20/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST, RAIN	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

HAULING SOIL COVER TO SEVERAL AREAS.

PLACING + COMPACTING COVER ON SLOPE BEHIND BLDG. 113

PLACING + COMPACTING COVER AROUND BLDGS 104 & 116. MOSTLY HAND WORK. HAND WORK ALONG GALVEZ ABOVE BLDG. 103

SOME EXCAVATION WITH BACKHOE.

EXCAVATION WITH EXCAVATOR ON DONAHUE ST., MOSTLY VEGETATION.

EQUIPMENT: EXCAVATOR, BACKHOE, SKIDSTEER, 2 OFF-ROAD DUMP TRUCKS, BULLDOZER, WATER TRUCK, 2 KUBOTAS.

Signed: Epp Date: 3/20/13

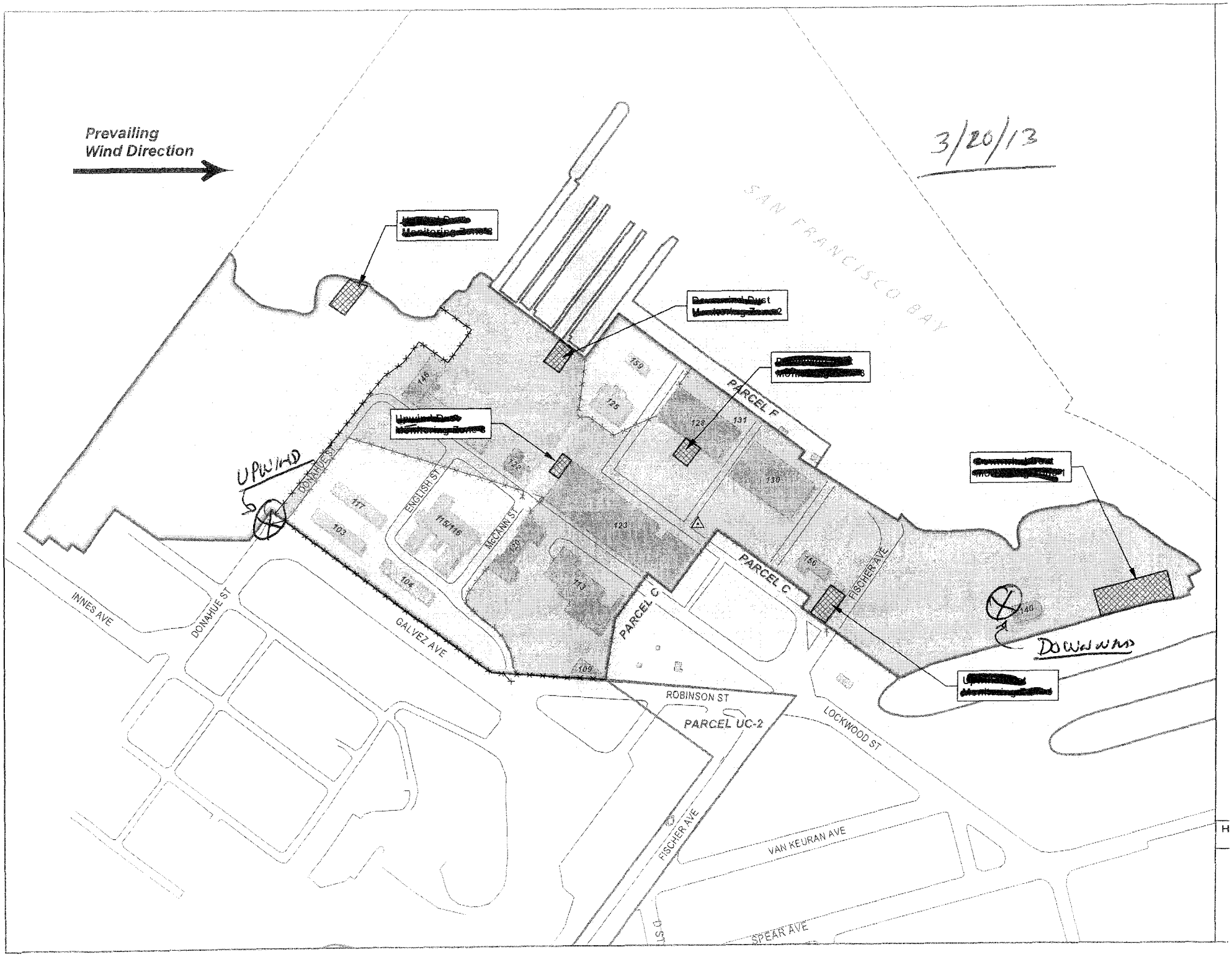
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	3/19/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DOWNHOUSE @ GRAVEL	3/20/13	0744	0.011	0.009	
MOTOR # 1161		0838	0.003	0.002	
		0950	0.025	0.007	WIND
		1058	0.011	0.011	
		1307	0.004	0.008	TERMINATED - RAIN
WORK AREA	3/20/13	MOTOR NOT DEPLOYED - MALFUNCTIONING			
DOWNWIND DD#3 @	3/20/13	0739	0.004	0.004	
PUMP HOUSE #10973		0835	0.000	0.000	
		0947	0.020	0.002	WIND
		1055	0.027	0.008	
		1311	0.000	0.009	TERMINATED - RAIN



Prevailing
Wind Direction
3/20/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
130
122
123
117
103
115/116
120
113
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 20/03/13

REPORT NO 087

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued placing and compacting clean imported soil on the slope north of Building 109, and performed finish grading of the soil cover surface.
	Continued placing and compacting clean imported soil on the slope on the northeast side of Building 104 and in the courtyard area between
	Building 115 and Building 116. Placed clean soil around the base of the redwood trees in the soil cover area near Building 116. Continued
	excavation of the slope between Building 103 and Galvez Ave. Removed vegetation from the edge of the swale on the southeast side of Donahue St.
	Verified that construction activities complied with the Soil 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.

Spencer Slominski — 03/20/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 03/20/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover on slope N of Bldg 109
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/20/13

Photo 1: Soil Cover Installation – Placement and compaction of clean imported soil on the slope north of Building 109

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 20, 2013

Photo 2: Soil Cover Installation – Soil cover installed between Building 104 and the retaining wall along English St

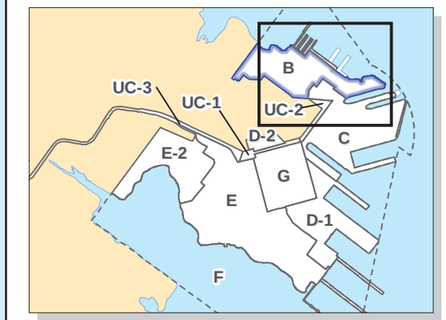
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 20, 2013

Photo 3: Soil Cover Installation – Removing vegetation along the edge of the drainage swale on the southeast side of Donahue St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 20, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	088		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	62	MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Continue placing, compacting and finish grading slope below building 109.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
04	Cut down remaining trees along Galvez, tenant moved vehicle and we were	ERRG	1	H&S Officer	8
	able to access that area.	ERRG	2	QC Staff	20
		ERRG	4	Equipment Operators	25
04	Crew working on hand excavating underneath stairwells behind 104 and 103.	ERRG	8	Laborers	51
		ERRG	2	Truck Drivers	12
04	Crew continue filling green waste bins				

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: 138
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: 11,569
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: 11,707

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
04		JD 225D Excavator

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlift	8
04	ERRG	JD 225 Excavator	2
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	12 Loads (~240cy) of fill material to the area below 109 and various areas near 103 and 104
04	Demobilized JD 200CLC excavator

James Nores — CONTRACTOR/SUPERINTENDENT

03/21/13 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	088 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Pt. Cloudy/Mild
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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	4
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	0
04	Volvo Rents	Cat D-4 dozer	0

Schedule Activity No.	REMARKS

James Nores 03/21/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/21/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION & HAULING SPOIL, SOIL COVER - PLACING + COMPACTING, GREEN WASTE, BLDG. FDN. RESTORATION, REMOVE PLASTIC WINDOW COVERING

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST&F, SLIPPERY EQUIP., TOWARDS SPOTS, AERIAL LIFT, TRUCK TRAFFIC, EQUIP., LIFTING

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Fernando Lara	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Rodrigo Pulido	ERRG	[signature]
David Rodriguez	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Tony Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Bonilla	"	[signature]
Greg Bailey	ERRG	[signature]
B. Lunano	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Slomski	ERRG	[signature]
Mike Babst	ERRG	[signature]
Michael Goymerac	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

8 BORING LIST
9 BLDG FDN RESTORATION

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

10 SOIL COVER

2012-037

Project #: [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/21/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		3/21/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/21/13 0700
Employee(s):	Fernando Loza		3/21/13 @ 700
	Adolfo Madrigal		3/21/13 0700
	Rodrigo Pulido		3/21/13 0700
	Raul Rodriguez		3/21/13 0700
	Enrique Martinez		3-21-13-0700
	Toney Green		3-21-13 0700
	Brian Kerr		3-21-13 0700
	Jim Aguirre		3-20-13 0700
	Borri		3/21/13 0700
	Ray Bailey		3-21-13 0700
	B. Lindazo		3-21-13 0700
	Spencer Johnson		3/21/13 0700
	Mike Babost		3/21/13 0700
	Mihael Goymescu		3/21/13 0730

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	3/21/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

REMOVED REMAINING TREES ON GALVEZ, IN SIDEWALK AREA.

LOADING HAUL-OFF BINS WITH GREEN WASTE.

HAULING, PLACING + COMPACTING COVER FILL SOIL ON SLOPE BEHIND BLDG 113 AND NEXT TO STAIRS BETWEEN BLDGS 103 + 104.

HAND GRADING BETWEEN BLDGS 103 + 104, AND ON SOUTH SIDE OF BLDG. 103

CLEANING FILL SOIL RESIDUE FROM SIDEWALK + STREET ON DONAHUE.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCKS, SKIPLOADER, WATER TRUCK, BULLDOZER, AERIAL LIFT, 2 KUBOTAS.

Signed: [signature] Date: 3/21/13

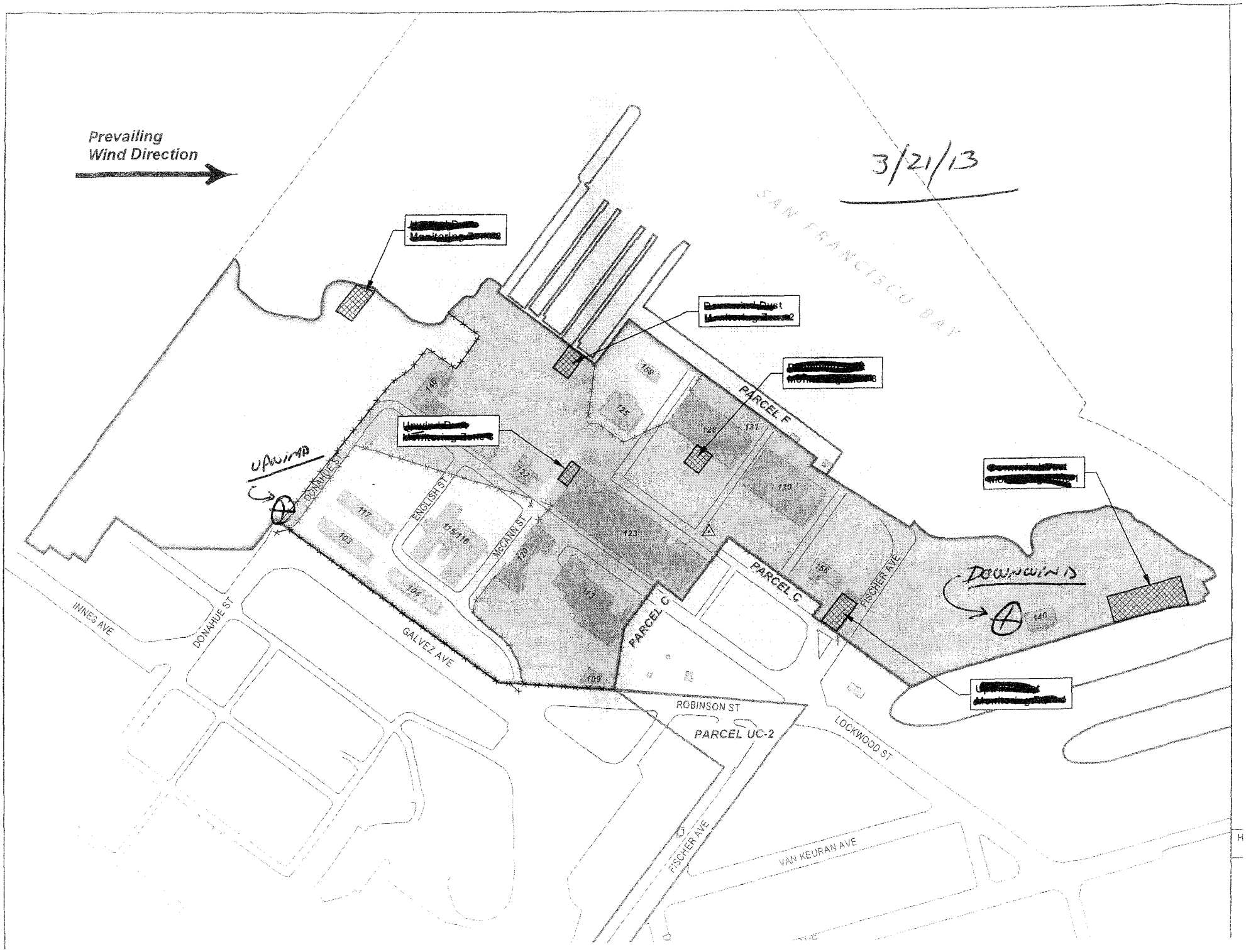
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	3/19/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue @ Galvez	3/21/13	0727	0.000	0.005	
Motor # 1161		1053	0.000	0.000	
		1247	0.000	0.000	
		1443	0.000	0.000	
WORK AREA	3/21/13	Motor in shop for repair			
DOWNWIND DD #3 PUMP	3/21/13	0722	0.012	0.011	
House, Motor # 10973		1051	0.015	0.000	
		1245	0.015	0.004	
		1440	0.013	0.006	



Prevailing
Wind Direction
3/21/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
117
103
115/116
120
123
104
143
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 21/03/13

REPORT NO 088

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Cut and removed trees growing in the sidewalk of Galvez Ave adjacent to Building 103; placed green waste into debris bins. Continued placing
	and compacting clean imported soil on the slope between Building 103 and Galvez Ave. Continued fine grading of the soil cover installed on the
	south side Building 103, and between and Building 103 and Building 104. Continued hauling clean imported soil to the soil cover area on the
	east side of McCann St. Verified that construction activities complied with the Soil 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.

Spencer Slominski — 03/21/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 03/21/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover on slope S of of Bldg 109; performed fine grading of soil cover surface
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis

Requirement	Phase	Yes	No	N/A	Comments
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/21/13

Photo 1: Soil Cover Installation – Placement and compaction of clean imported soil on the slope between Building 103 and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 21, 2013

Photo 2: Soil Cover Installation – Northeast side of Galvez Ave after removal of trees that were growing in the sidewalk

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 21, 2013

Photo 3: Soil Cover Installation – Hauling clean soil to the soil cover area on the east side of McCann St

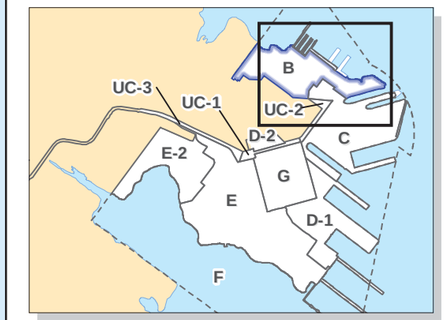
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 21, 2013

Photo 4: Soil Cover Installation – Clean soil placed around the base of redwood tree between Building 103 and Building 104

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 21, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	089		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	63	MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Continue placing, compacting and finish grading slope below building 109.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
04	Continue hand work around stair cases around 103 and 104.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	20
04	Continue filling green waste bins.	ERRG	3	Equipment Operators	18
		ERRG	8	Laborers	58
		ERRG	1	Truck Drivers	4

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	130
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11,707
TOTAL WORK HOURS FROM START OF CONSTRUCTION	11,837

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors, Excavation/Backfill, Tree removal,	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
04	016	210 rolls of CTRM material

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlift	8
04	ERRG	JD 225 Excavator	2
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	6 Loads (~120cy) of fill material to the area below 109 and various areas near 103

James Nores 03/22/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	089 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	63
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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	4
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	0
04	Volvo Rents	Cat D-4 dozer	0

Schedule Activity No.	REMARKS

James Nores 03/22/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/22/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION + HAULING SPOIL; HAUL, PLACE + COMPACT SOIL COVER, GRADING WASTE REMOVAL

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, EQUIPMENT, TRUCK TRAFFIC, TRENCHES + POTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Bing Bailey	ERRG	
Fernando Lara	ERRG	
Jim Aguirre	ERRG	
Tony Green	ERRG	
Taryl Godwin	ERRG	
Adolfo Martinez	ERRG	
Rodrigo Pulido	ERRG	
Boris P	"	
B. Juarez	ERRG	
Enrique Martinez	ERRG	
Mike Babst	ERRG	
Ty Gorrell	ERRG	
Jimmy Glomski	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #10 SOIL COVER CONSTRUCTION 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/22/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		3/22/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/22/13 0700
Employee(s):	Tony Bailey		3-22-13 @ 0700
	Jim Aguiar		3-22-13 0700
	Fernando Lozo		3-22-13 0700
	Paul Rodriguez		3-22-13 0700
	Toney Green		3-22-13 0700
	Rodrigo Pollido	Rodrigo	3/22/13
	Boni Portillo		3/22/13 0700
	Adolfo Madrigal	Adolfo M.	3/22/13 0700
	B. Lunasca		3-22-13 0700
	Enrique Martinez		3-22-13 0700
	Mike Badal		3-22-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	3/22/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	SUNNY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

LOAD OUT GREEN WASTE

EXCAVATION AROUND BLDGS 103 + 104, HAND WORK

HAUL, PLACE + COMPACT FILL SOIL ON SLOPE BEHIND BLDG 113

EQUIPMENT – EXCAVATOR, OFF-ROAD DUMP TRUCK, SKIP LOADER, WATER TRUCK, END LOADER, BULLDOZER, 2 BUGOTAS

Signed: [signature] Date: 3/22/13

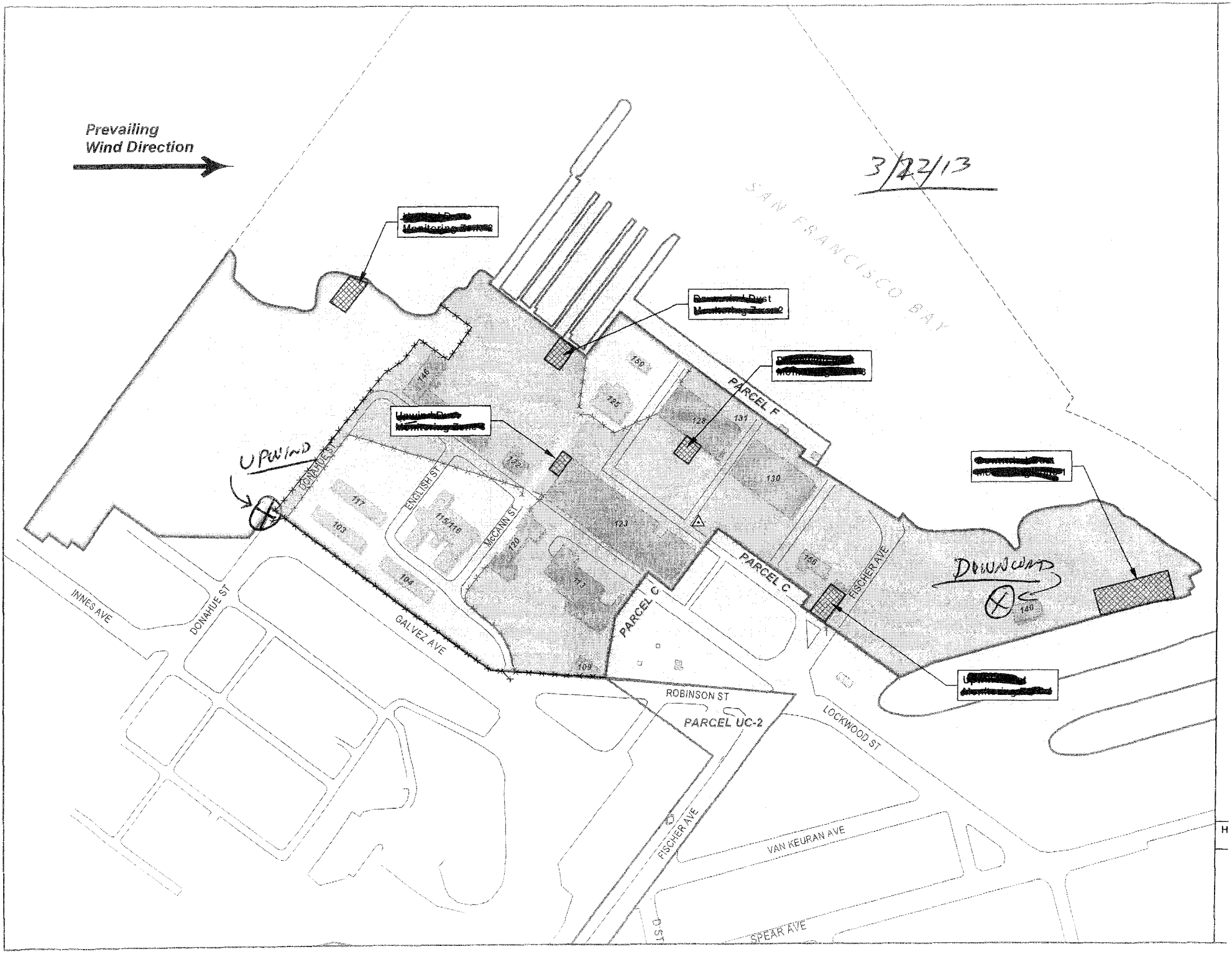
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	3/19/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DONAHUE @ GRANT MOTOR # 1161	3/22/13	0737	0.007	0.005	
		0830	0.003	0.002	
		0947	0.004	0.002	
		1028	0.006	0.002	
		1137	0.002	0.002	
		1312	0.006	0.002	
		1409	0.005	0.002	
		1454	0.005	0.002	
WORK AREA	3/22/13	NOT DOWNWIND – MOTOR BOXES REMOVED			
DOWNWIND DD #3 PUMP HOUSE #10973	3/22/13	0734	0.053	0.051	
		0828	0.018	0.022	
		0944	0.025	0.023	
		1031	0.025	0.023	
		1139	0.031	0.024	
		1308	0.024	0.024	
		1412	0.025	0.024	
		1456	0.025	0.024	



Prevailing
Wind Direction
3/22/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
117
103
104
115/116
120
122
123
125
128
130
131
140
146
150
156
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 22/03/13

REPORT NO 089

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued placing and compacting clean imported soil on the slope on the east side of McCann St. Continued fine grading of the soil cover
	between Building 109 and McCann St. Placed clean soil beneath the raised stairs and decks at the entrances to Building 103 and Building 104.
	Performed hand grading of the soil cover on the slope between Building 103 and Galvez Ave. Continued placing green waste into debris bins.
	Received delivery of CTRM material, and checked the product against its approved submittal.
	Verified that construction activities complied with the Soil 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.

Spencer Slominski — 03/22/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 03/22/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover E side of McCann St; performed fine grading of soil cover surface
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/22/13

Photo 1: Soil Cover Installation – Placing clean imported soil beneath the deck on the northeast side of Building 103

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 22, 2013

Photo 2: Soil Cover Installation – Placing clean imported soil at the west end of the slope between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 22, 2013

Photo 3: Soil Cover Installation – Grading the soil cover by hand near the concrete pad adjacent to Galvez Ave

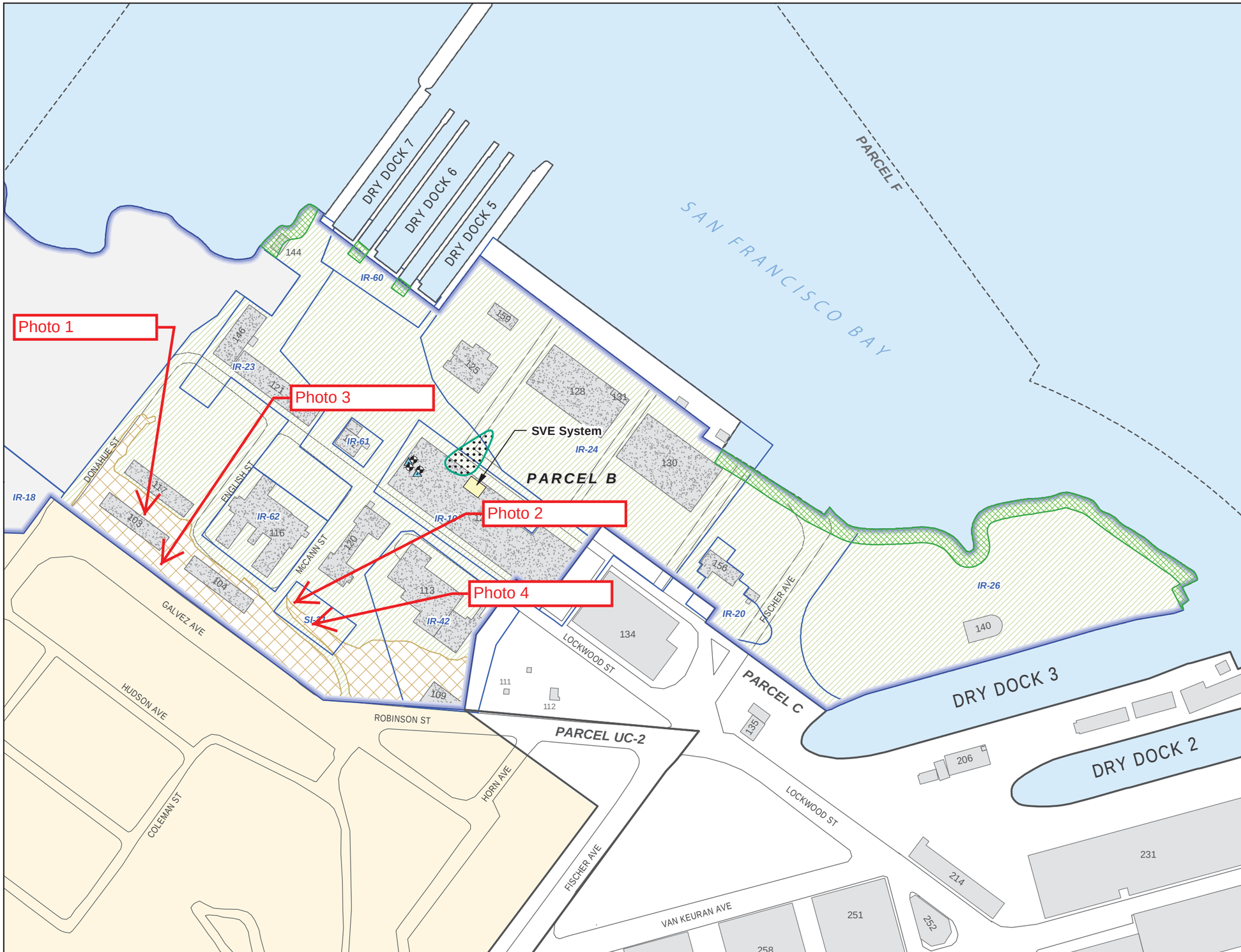
HPNS Parcel B Remedial Action, San Francisco, California

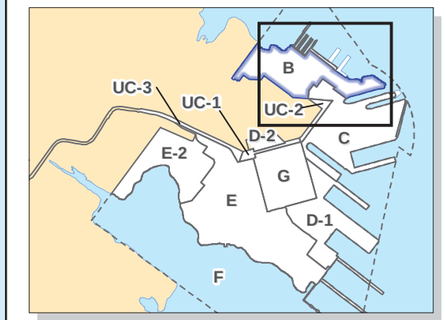
Photographed by: Mike Babst (ERRG, Inc.) Date: March 22, 2013

Photo 4: Soil Cover Installation – Fine grading of the soil cover installed on the slope between Building 109 and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: March 22, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 25/03/13	REPORT NO: 090
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Pt. Cloudy/Mild	MAX TEMP (F): 57	MIN TEMP (F): 49

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Continue placing, compacting and finish grading area behind 116, performed	ERRG	1	Project Manager	0
	compaction testing on all completed backfill areas.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
03	Crew continued cleaning floors/debris removal in and around building 120 and	ERRG	2	QC Staff	20
	113, moved pile of chipped green waste to stockpile area.	ERRG	4	Equipment Operators	28
		ERRG	9	Laborers	46
04	Crew continued filling green waste bins	ERRG	3	Truck Drivers	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: 140
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: 11,837
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: 11,977

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors and Excavation/Backfill	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		1 Pallet (40 sheets) 4'X8'X1/2" CDX Plywood

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlift	8
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	20 Loads (~400cy) of fill material to the area behind building 116,
04	9 loads (~180cy) of cut material to the stockpile area from the toe key in cut along Donahue

James Nores — 03/25/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	25/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	090 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	57
MIN TEMP (F)	49

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	4
04	ERRG	JD 310 Backhoe	4
04	Harris Blade	Cat 735 haul truck	8
04	ERRG	JD 644J loader	2
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

03/25/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/25/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION + HAULING SPOIL; HAULING SOIL COVER, PLACING + COMPACTING;

SAFETY TOPICS PRESENTED

SAFETY TOPICS STFF, EQUIPMENT, TRUCK TRAFFIC, SUN BLOCK + HYDRATION, TOWANTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
B. Lunacro	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Fernando Lara	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Spencer Slomian	ERRG	[signature]
Mike Babst	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Ty [illegible]	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #3 CLEARING + GRUBBING
#8 AERIAL LIFT
#9 BLDG FDN. RESTORATION
10 SITE CONCRETE
#12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		3/25/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		3/25/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		3/25/13 0700
Employee(s):	Kim Perry		3-25-13 @ 0700
	Toney Green		3-25-13 0700
	B. Lucas		3-25-13 0700
	JEREMY AGUIAR		3-25-13 0700
	Paul Rodriguez		3-25-13 0700
	Adolfo MARRIGAR		3/25/13 0700
	Jim Aguilar		3/25/13 0700
	Fernando Lou		3/25/13 0700
	Bori		3/25/13 0700
	Enrique MARTINEZ		3-25-13 0700
	Spencer Johnson		3/25/13 0700
	Rodrigo pulido	Rodrigo	3/25/13 0700
	Mike Babst		3/25/13 0700
	Brian Kerr		3/25/13 0950

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	Monday	Date:	3/25/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	Overcast, clearing AM	Page:	1 of 1
Site Visitors:	None		

Description of Field Activities:

Excavating & hauling soil along Donahue St.

Back fill & compaction of cover soil along Donahue St. & slope behind Bldg 113.

Backfill & compaction at alcove of Bldg 115/116.

Filling roll-off bins with green waste & debris from Bldg. 120.

Hauling chipped material from behind Bldg 113 to stockpile.

Removing debris for Bldg. 113

Equipment: excavator, off-road dump truck, wheel loader, skip loader, water truck, 2 bulldozers, 2 Kubotas

Signed: [signature] Date: 3/25/13

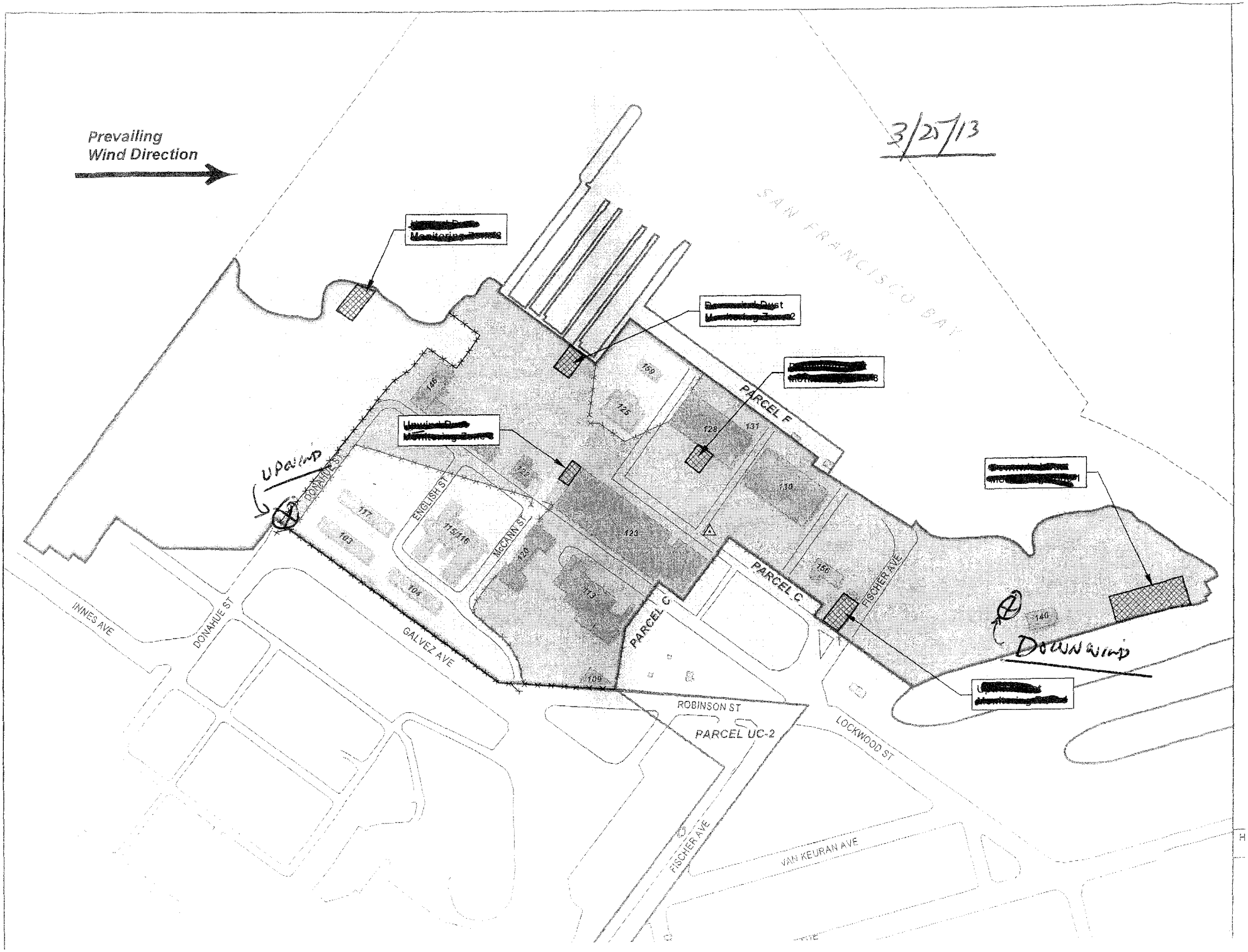
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DONAHUE + GALVEZ	3/25/13	0725	0.014	0.028	
		0856	0.011	0.016	
		0953	0.009	0.014	
		1056	0.006	0.012	
		1145	0.004	0.011	
		1302	0.008	0.009	
		1453	0.002	0.008	
WORK AREA	3/25/13	METER NOT DEPLOYED – IN SHOP FOR REPAIR			
DOWNWIND DD #3 PIMPHONE	3/25/13	0731	0.024	0.039	
		0901	0.012	0.015	
		0957	0.016	0.015	
		1102	0.011	0.016	
		1151	0.018	0.016	
		1307	0.031	0.018	
		1457	0.020	0.021	



Prevailing
Wind Direction
3/25/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
146
159
125
128
131
122
110
117
103
115/116
120
123
104
113
156
140
109

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: John Deere excavator	Model No.: 225D	Serial No.: 1FF225DXHBD501655

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	✓		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	✓		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	✓		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)	✓		
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	✓		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	✓		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)			✓
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)	✓		
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i			✓
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a)	✓		
11. Has bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (18.G.11)	✓		
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (18.G.14)	✓		
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or flasher visible from all directions? (18.G.15)			✓
14. Is all mechanized equipment shut down before and during refueling? (18.G.10)	✓		
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (18.G.28a)			✓
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (18.G.27)			✓
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (18.G.29b)	✓		
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178? (18.G.29b(1))	✓		
19. Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (18.G.21)	✓		
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 10-B: C? (18.G.23)	✓		
21. Is there an effective, working reverse alarm? (18.B.01)	✓		

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)	\		
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	\		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	\		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	\		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	\		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	\		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	\		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)	\		
30. Is roll over protection provided? (18.B.13)	\		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	\		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)	\		
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)			\
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?	\		
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?	\		
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?	\		
37. MANUFACTURERS LOAD RATING CHART?	\		
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			\
39. INSPECTION OF RIGGING			\
40. COMMUNICATION BETWEEN WORKERS INVOLVED?	\		
41. USING TAG LINES?			\
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			\
43. SURFACE BENEATH EQUIPMENT STABLE?	\		

REMARKS:

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and that it meets all above requirements except as noted under the remarks section.

Competent Person Signature: _____ Date of inspection: 3-21-13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT LOADER Identification Number: _____

Project Number / Name: H P Rental ☒ ERRG ☐

Date:	3-11-13			3-12-13			3-14-13								
Inspected By:	KiKi HOR 4803.7			KiKi HOR 4804.7			KiKi HOR, 4809.4								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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] equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT LOADER Identification Number: _____

Project Number / Name: H- P Rental ☒ ERRG ☐

	KKI			BP			BP			Kiki					
Date: Inspected By:	3-18-13 HOR, 481610			3/19 BP 4821.2			3/20 BP 4824.8			3-22-13 482614					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐
[illegible]	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐

[illegible]ipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200 Excavator Identification Number: _____

Project Number / Name: 2012-037 Rental ☐ ERRG ☒

Date: Inspected By:	3/18 BP 4704			3/20 BP 4709			3/21 KiKi 4710								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐
[illegible]	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐

[illegible]ment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: John Deere 650 Dozer Identification Number: YC3896

Project Number / Name: HPNS4 SF Rental ☑ ERRG ☐

Date: / Inspected By:	3-18-13 292.7			3-19-13 299.8			3-20-13 307.4			3-21-13 314.9			3-22-13 321.9		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐

Equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Skip Loder Deere 2026 Identification Number: FC6X94

Project Number / Name: 2012-037 HPSY PB 1358.4 Rental ☐ ERRG ☒

Date: Inspected By:	3/18/13 A.N.			A.W. 3/19/13 1359.7			1353.7			A.W. 3/21/13 1364.9			1369.9		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	✓			✓			✓			✓			✓		
Other	✓			✓			✓			✓			✓		

Equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 HAUL TRUCK Identification Number: M 15884

Project Number / Name: HPNS. Rental ☒ ERRG ☐

Date: Inspected By:	3412.3 FL 3-18-13			3418.2 FL 3-19-13			3422.5 FL 3-20-13			3424.5 3-21 13					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐

Equipment defect or damage and corrective actions taken. REAR LEFT TIRE DAMAGED, RIGHT TOP MIRROR BROKEN, FRONT RIGHT BUMPER DAMAGED!

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 Truck Identification Number: 8V94768

Project Number / Name: 2012-037 HPSY PB Rental ☐ ERRG ☑

Date: / Inspected By:	3/18/13 2521.1			3/19/13 2521.1 PR			3/20/13 2521.1 PR			3/21/13 2521.1 PR			3/22/13 2523.1 PR		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐
[illegible]	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐

[illegible]ipment defect or damage and corrective actions taken. Pump leaks bad

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 Truck Identification Number: 7V03957

Project Number / Name: 2012-037 HPSY PB Rental ☐ ERRG ☑

Date: Inspected By:	3/18/13 PR 3873.6			3/19/13 PR 3878.0			3/20/13 PR 3882.2			3/21/13 PR 3882.2			3/22/13 PR		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	✓			✓			✓			✓			✓		

Equipment defect or damage and corrective actions taken. bumper, fender, steps have some damage 3/21/13 Trucks down for

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: 780-11-7139

Project Number / Name: HANS PARCEL B Rental ☐ ERRG ☑

Date: / Inspected By:	3/18/13 [illegible] 857.1			3/19/13 [illegible] 853.1			3/20/13 [illegible] 855.1			3/21/13 [illegible] 856.6			3/22/13 [illegible] 858.4		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
[illegible]	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐

[illegible]ment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Kubota Identification Number: TW 11077

Project Number / Name: 2012-037 HPS4 PB Rental ☐ ERRG ☑

Date: Inspected By:	03/18/13 R.P. 05592			03/19/13 05597			03/20/13 05600 R.P.			03/21/13 05610 RP			3-22-13 5629		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	✓			✓			✓			✓			✓		
Fluid	✓			✓			✓			✓			✓		

...ment defect or damage and corrective actions taken. _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 25/03/13

REPORT NO 090

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued removing debris and cleaning the floors inside Building 113 and Building 120.
04	Continued placing and compacting clean imported soil at the west end of the slope adjacent to McCann St and Building 120 and on the slope along
	Donahue St. Performed fine grading of the soil cover installed between Building 115 and Building 116. Continued placing green waste into
	debris bins. Performed compaction testing of the completed soil cover in the areas north of Building 109, between Building 115 and Building
	116, between Building 103 and Building 117, between Building 103 and Galvez Ave, and on the northeast side of Building 104.
	Verified that construction activities complied with the Soil 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.

Spencer Slominski — 03/25/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 03/22/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued installing soil cover E side of McCann St; performed fine grading of soil cover surface
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/25/13

ERRG
Engineering/Remediation Resources Group, Inc.
185 Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No. CPN MC3
Date/Time 3-25-13	Job No. 2012 037	Project/Location HPNS	Source Material Am-241 / Cs-137	Density Std. 35650
Inspector F. LOZA	Project Engineer SPENCER S.	Other		Moisture Std 7712
Curve No. 4	Max. Density (PCF) 107.5	Min. Density (PCF) 17.6	Optimum Water (%)	Equipment in Use
Specified % Compaction 90%	Specified % Water		Lab Test Method ASTM D-1557	Field Test Method ASTM D-2922 ASTM D-3017

Gauge Readings

Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
1		8"	114.3	17.2	97.1	19.35	90%	NEA TO RETAINING WALL BACK OF 113	2nd LIFT
2		8"	114.0	17.3	96.7	18.29	90%	NEAT TO RETAINING WALL BACK OF 113	1ST LIFT
3		8"	117.7	21.1	96.7	21.77	90%	BACK OF 109	1ST LIFT
4		8"	118.6	16.4	102.2	16.04	95%	BACK OF 109	2nd LIFT
5		8"	112.4	14.9	97.5	16.31	90%	BLD 115/116	1ST LIFT
6		8"	117.8	13.8	104.1	13.24	96%	BLD 115/116	2nd LIFT
		Average							

Remarks:

Inspector: F. LOZA

Reviewed:

ERRG
Engineering/Remediation Resources Group, Inc
185 Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No. CPN NC3
Date/Time 3-25-13	Job No. 2012 037	Project/Location HPNS	Source Material Am-241 / Cs-137	Density Std. 35650
Inspector F. LOZA	Project Engineer SPENCER S.	Other		Moisture Std 7712
Curve No.	Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
3	106.6		17.8	
Specified % Compaction	Specified % Water		Lab Test Method	Field Test Method
90%			ASTM D-1557	ASTM D-2922 ASTM D-3017

Gauge Readings

Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
7		8"	117.6	20.1	97.5	21.88	90%	FRONT OF BLD 104	1ST LIFT
8		8"	117.4	15.8	101.6	15.55	94%	FRONT OF BLD 104	2nd LIFT
9		8"	118.0	21.4	96.6	22.19	90%	BETWEEN 103/117	1ST LIFT
10		8"	112.8	15.6	97.2	16.81	90%	BETWEEN 103/117	2nd LIFT
		Average							

Remarks:

Inspector: F. LOZA

Reviewed:

ERRG

[illegible] Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No. CPN 4C3
Date/Time: 3-25-13	Job No.: 2012 037	Project/Location: HPNS	Source Material: Am-241 / Cs-137	Density Std.: 35650
Inspector: F. LOZA	Project Engineer: SPENCER S.	Other:		Moisture Std: 7712
Curve No.	Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
2	105.8		19.2	
Specified % Compaction	Specified % Water		Lab Test Method	Field Test Method
90 %			ASTM D-1557	ASTM D-2922 ASTM D-3017

Gauge Readings

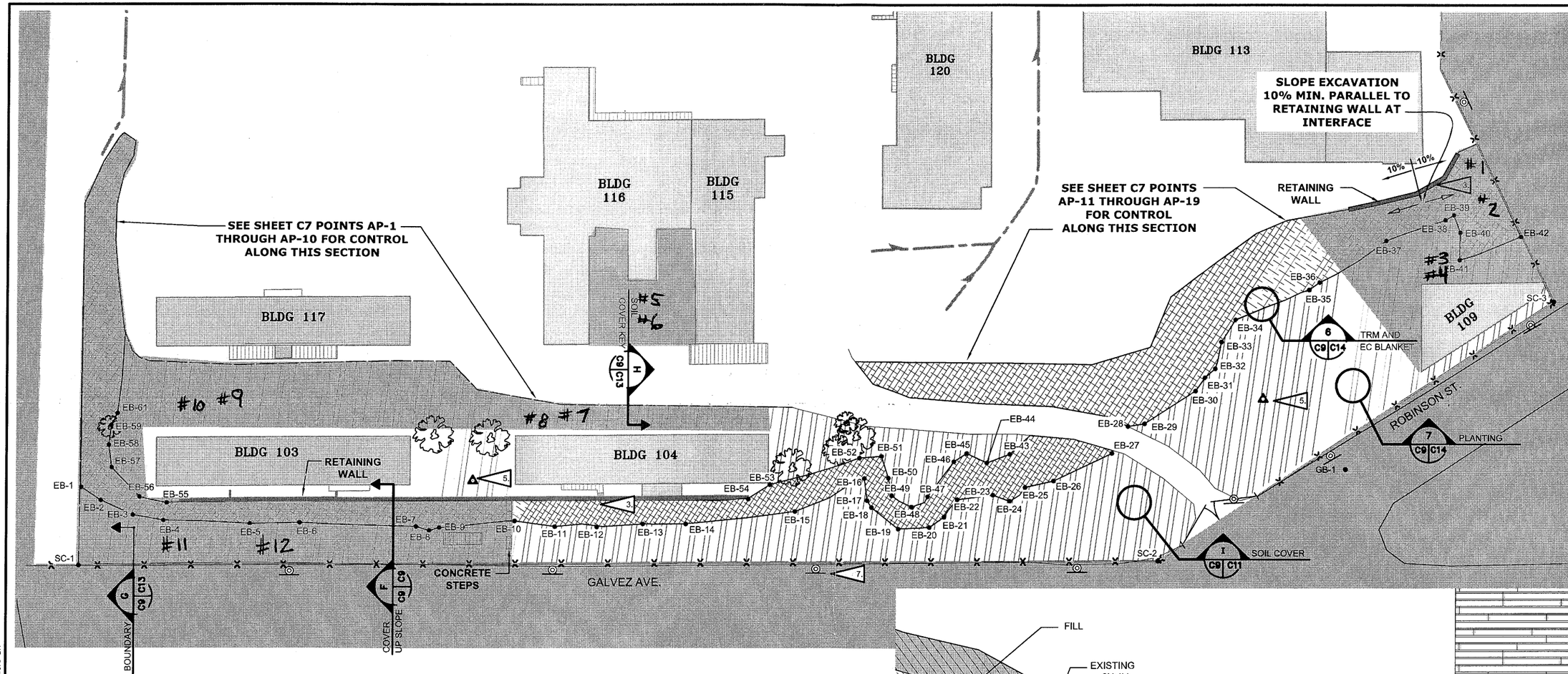
Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
11		8"	117.7	16.4	101.2	16.25	95 %	BACK OF 103/117	2nd LIFT
12		8"	118.0	21.4	96.6	22.19	91 %	BACK OF 103/117	1st LIFT
		Average							

Remarks:

Inspector: F. LOZA

Reviewed:

3/25/13



LEGEND

- OFFSITE AREA
- SECURITY FENCE
- DRAINAGE SWALE / FLOW DIRECTION
- 130 EXISTING BUILDING
- CONCRETE PAD / LOADING DOCK
- TREE
- RETAINING WALL
- GATE
- SIGN
- SURVEY MONUMENT
- EB-1 EROSION CONTROL BLANKET CONTROL POINT
- SOIL COVER - TURF REINFORCED MAT OVER SEEDING
- SOIL COVER - PLANTINGS THROUGH EROSION CONTROL BLANKET

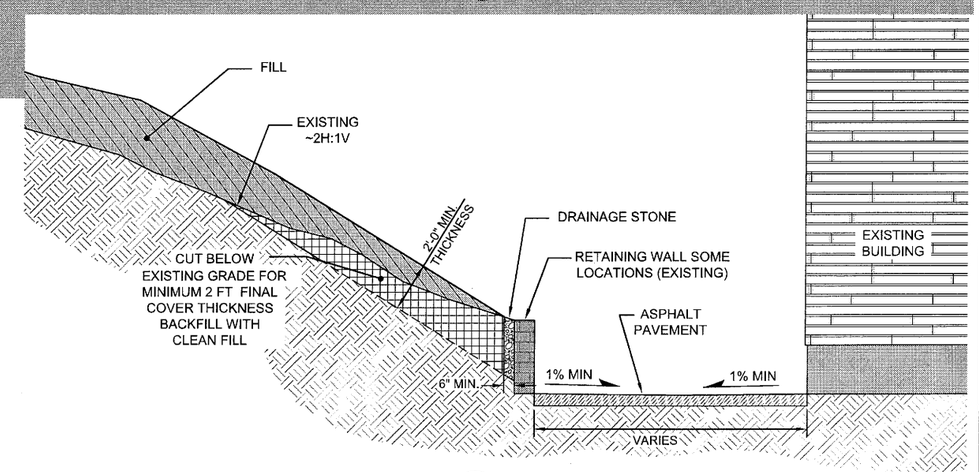
SEE SHEET C10 FOR CONTROL COORDINATES

Notes:

1. EXCAVATE SOUTHERN BOUNDARY OF SOIL COVER AREA AT EDGE ALONG THE PARCEL BOUNDARY TO 2 FT BGS AND SLOPE BACK ONTO SITE AT SLOPE OF 3H:1V.
2. SLOPES ALONG SOUTHERN BOUNDARY NOT STEEPER THAN 3H:1V WHERE IT MEETS THE EXISTING OFF-SITE GRADE.
3. EXCAVATE ALONG UPGRADIENT SIDE OF RETAINING WALL TO 2 FT BGS AND SLOPE BACK FROM RETAINING WALL AT SLOPE OF 3H:1V. FINAL SOIL COVER SHOULD EXTEND 1" ABOVE THE TOP OF RETAINING WALL ELEVATION AT COMPLETION.
4. SOIL COVER CONSTRUCTED AS MIN. 2 FT CLEAN IMPORTED FILL OVER EXISTING GRADE.
5. SURVEY AND RECORD MONUMENT LOCATIONS AND ELEVATIONS (TYP) AFTER PLACEMENT.
6. PLACE EROSION CONTROL BLANKET AND INSTALL PLANT MIX OVER AREA AS SHOWN. PLANT SEED MIX OVER ALL OTHER PORTIONS OF SOIL COVER AREA.
7. SLOPE AROUND BUILDINGS TO DIRECT WATER TOWARD ASPHALT PAVEMENT COVER.
8. SOIL COVER EXTENDS OVER ENTIRE AREA TO BOUNDARY EDGE OR BUILDING FOUNDATION. MAINTAIN EXISTING GRADES AND SHEET FLOW ALLOWING FOR REQUIRED COVER THICKNESS.

40' 0 40' 80'

SCALE: 1" = 40'



F C9 C9 COVER UPSLOPE OF RETAINING WALL

NOT TO SCALE

SYMBOL	DESCRIPTION	PREP.BY	DATE	APPROVED

REVISIONS

PREPARED BY: Chaduxt'l JV

DESIGNED BY: JBL
DRAWN BY: DMF
CHECKED BY: SWF
RE-CHECKED BY:
APPROVED BY:
DATE: 12/03/2010

SIZE D
IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT
SCALE REDUCED ACCORDINGLY

DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
BRAC PMO WEST
SAN DIEGO, CALIFORNIA

PARCEL B
COVER FINAL GRADING PLAN - SOIL COVER

CODE IDENT. NO.

PROJECT LOCATION
Hunters Point Shipyard
San Francisco, California

CONSTR. CONTR. NO.
N62473-10-D-XXXX

SPECIFICATION
(D.O. –)

NAVFAC DWG. NO.

DWG. NO.
C9

SHEET 10 OF 25

R:\Navy\Hunters Point\Parcel B\Final Design\ C 9 Parcel B Final Grade Soil Cover.dwg 12/03/2010 deborah.ford DN

Photo 1: Soil Cover Installation – Placement and compaction of clean imported soil on the slope along Donahue St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 25, 2013

Photo 2: Soil Cover Installation – Soil cover installed between McCann St and Building 120

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 25, 2013

Photo 3: Soil Cover Installation – Completed soil cover installed along the edge of English St between Building 115 and Building 116

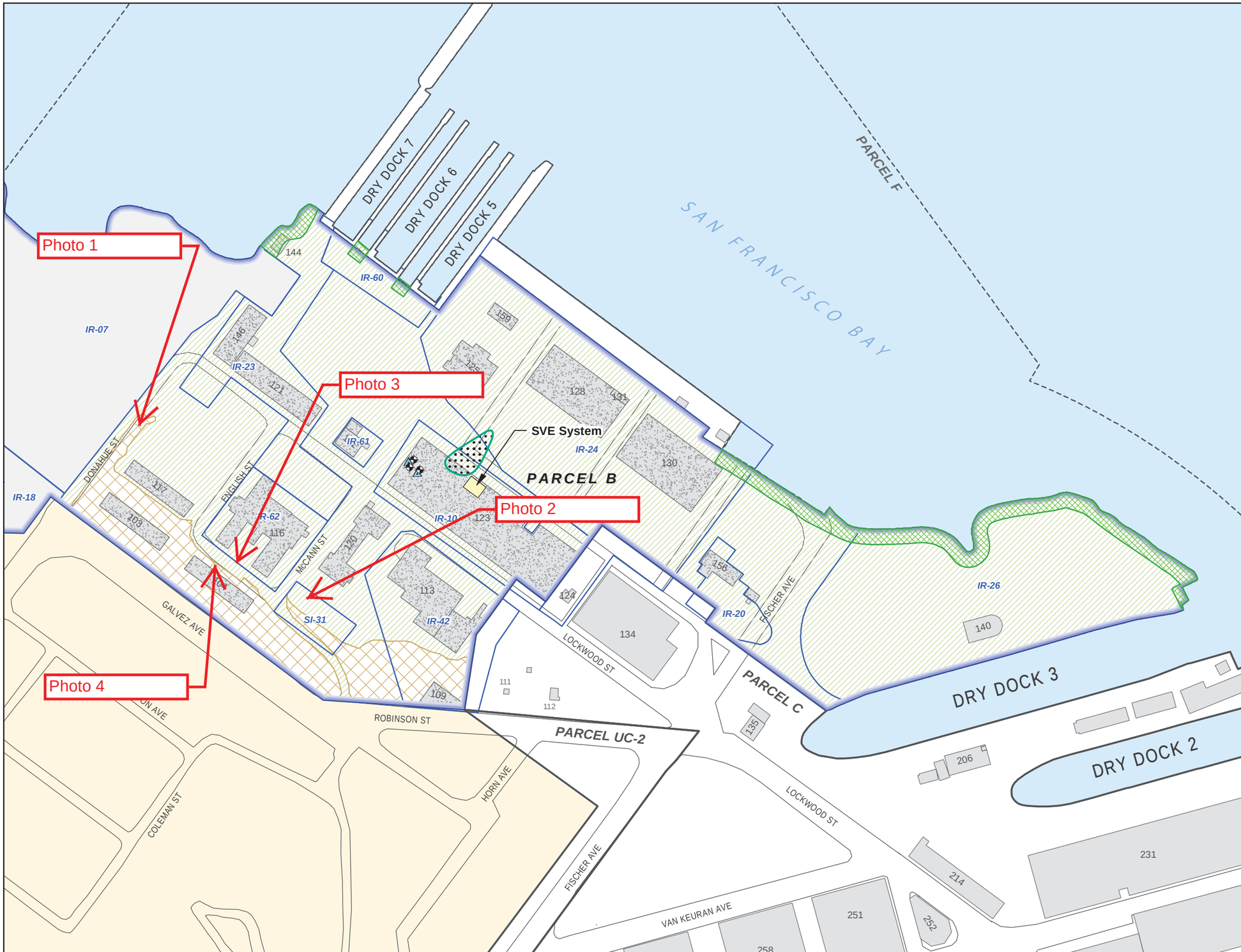
HPNS Parcel B Remedial Action, San Francisco, California

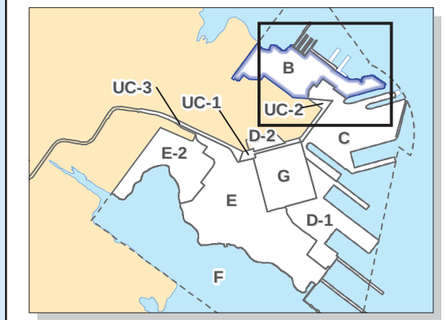
Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 25, 2013

Photo 4: Soil Cover Installation – Testing compaction of the completed soil cover using a nuclear density gauge

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 25, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 26/03/13	REPORT NO: 091
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Pt. Cloudy/Mild	MAX TEMP (F): 57	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew shaping/track walking/compacting slope along Donahue, perform	ERRG	1	Project Manager	0
	compaction testing on all completed areas.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
03	Crew working in building 103, installing plywood flooring, around the perimeter	ERRG	2	QC Staff	20
	of building 120 and 130 clearing debris/green waste.	ERRG	3	Equipment Operators	18
		ERRG	11	Laborers	88
04	Continue filling green waste bins	ERRG	1	Truck Drivers	5

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	159
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	11,977
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12,136

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors and Excavation/Backfill	

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
04	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlift	8
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
	Weekly QC Meeting today with Navy (Peter Stroganoff, Andrew Uehisa and Greg Nelson) and ERRG Supervisory, QC and Health and Safety personnel. Discussed haul route
	for moving excavated material stockpiles, set up meeting with Doug DeLong for tomorrow to discuss.

James Nores 03/26/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	26/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	091 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	57
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	4
04	ERRG	JD 310 Backhoe	4
04	Harris Blade	Cat 735 haul truck	8
04	ERRG	JD 644J loader	2
04	JS Cole	Cat 972 Loader	8
04	Volvo Rents	Cat D-4 dozer	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

03/26/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/26/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL, PLACE + COMPACT COVER SOIL, REMOVE GREEN WASTE, REMOVE PLASTIC WINDOW COVERINGS; GRADE – House Keeping, REPAIRING FLOOR IN B103

SAFETY TOPICS PRESENTED

SAFETY TOPICS SAF, TRUCK TRAFFIC, EQUIPMENT, HYDRATION, TENANTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
B. Lewasu	ERRG	[signature]
F. LOZA	ERRG	[signature]
[illegible]	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Rodrigo Pulido	ERRG	[signature]
Toney Green	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Boris P	//	[signature]
Mike Babot		
Spencer Johnson	ERRG	[signature]
Spencer Sleminsh	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

8 AERIAL LIFT

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

2012-037

Project #: [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

10 SOIL COVER

AHA #: 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	3/26/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	3/26/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	3/26/13 0700
Employee(s):	King Bailey	[signature]	3-26-13 @ 0700
	B. Lunasia	[signature]	3-26-13 0700
	F. LOZA	[signature]	3-26-13 @ 700
	Paul [illegible]	[signature]	3-26-13 0700
	Brian Kerr	[signature]	3-26-13 0700
	Adolfo Madrigal	Adolfo M.	3/26/13 0700
	JEREMY AGUIAR	[signature]	3-26-13 0700
	Rodrigo Pulido	Rodrigo	3/26/13 0700
	Jim Aguiar	[signature]	3/26/13 0700
	Toney Green	[signature]	X 3-26-13 0700
	ENRIQUE MARTINEZ	[signature]	3-26-13 0700
	Bonis P	Bonis P	3/26/13 0700
	Mike Babst	[signature]	3/26/13 0700
	Spencer Johnson	[signature]	3/26/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	3/26/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR	Page:	1 of 1
Site Visitors:	USN - PETER STROGANOFF, ANDY VEHISA, GLEN NELSON		

Description of Field Activities:

REMOVED PLASTIC FROM WINDOWS IN 115/116 ALCOVE.

COMPACTION + SHAPING ALONG DONAHUE ST. & ON SLOPE SOUTH OF BLDG. 103

REMOVED ALL VEGETATION FROM AROUND BLDG. 120

COVERING HOLES IN FLOOR + MISSING FLOOR IN BLDG. 103

LOADING OUT GREEN WASTE.

EQUIPMENT - EXCAVATOR, BULLDOZER, SKIP LOADER, AERIAL LIFT, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 3/26/13

ERRG

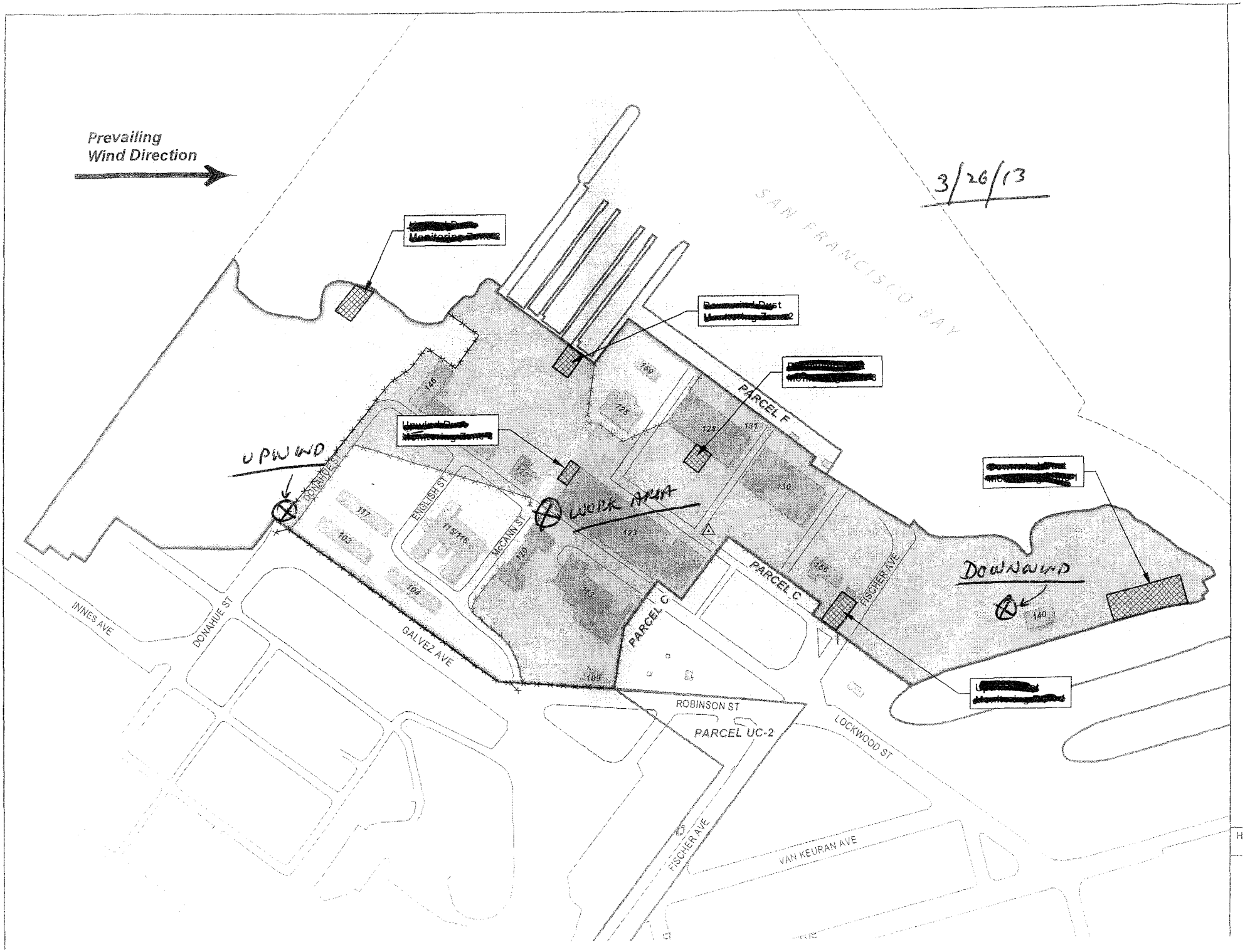
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Downwind @ Gate 02 Motor # 1161	3/26/13	0725	0.008	0.013	
		0837	0.001	0.002	
		0938	0.003	0.001	
		1040	0.001	0.001	
		1126	0.001	0.003	
		1313	0.000	0.002	
		1413	0.000	0.002	
WORK AREA Fence @ SE corner B123 # 2737	3/26/13	0729	0.029	0.055	
		0830	0.000	0.000	
		0935	0.014	0.000	
		1039	0.012	0.000	
		1124	0.003	0.001	
		1307	0.000	0.004	
		1409	0.011	0.006	
DOWNWIND DD#3 Pump House, Motor # 10973	3/26/13	0734	0.014	0.019	
		0943	0.009	0.001	
		1120	0.022	0.009	
		1304	0.022	0.013	
		1404	0.019	0.014	



Prevailing
Wind Direction
3/26/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VAN KEURAN AVE
117
103
104
115/116
120
122
123
125
128
131
130
140
146
159
156
109

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Cat Haul truck Identification Number: M15788

Project Number / Name: 2012-037 Parcel B Rental ☒ ERRG ☐

Date: Inspected By:	3/18/13 BK 2872.5			3/19/13 BK 2875.1			3/20/13 2881.0 BK			3/21/13 2887.8 BK					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐
[illegible]	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐

[illegible]ment defect or damage and corrective actions taken. Fuel gauge does not work

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 26/03/13

REPORT NO 091

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Inspected the foundation of Building 103 and documented the areas requiring repair. Installed plywood flooring over the open areas and holes
	in the floor of Building 103. Verified that the activities complied with the Building Foundation Inspection and Restoration checklist.
04	Removed vegetation along the northwest side of Building 120 and placed the green waste into debris bins. Installed clean soil cover over the area
	between Donahue St and the swale, northeast of the storm drain outfall. Continued performing fine grading of the soil cover installed around
	Building 103 and on the slope along Donahue St.
	Verified that construction activities complied with the Soil 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
	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Andrew Uehisa), Navy CSO (Glen Nelson), ERRG QCM (Spencer Slominski),
	ERRG Superintendent (James Nores), ERRG SSHO (Richard Epp), and ERRG QC staff (Mike Babst, Spencer Johnson).

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

03/26/13 — 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)

Building Foundation Inspection and Restoration

Date: 03/26/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**			**X**	
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 03/26/13

Soil Cover Installation

Date: 03/26/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued fine grading of soil cover surface
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 03/26/13

Photo 1: Building Foundation Inspection and Restoration – Plywood flooring installed inside Building 103

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 26, 2013

Photo 2: Soil Cover Installation – Finish grading the soil cover on the southwest side of Building 104

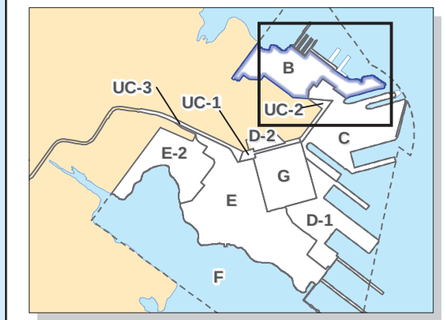
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 26, 2013

Photo 3: Soil Cover Installation – Clean soil cover installed over the area between Donahue St and the drainage swale

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: March 26, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	092		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	57	MIN TEMP (F)	50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for excavation/backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
03	Crew working on interior building prep for asphalt at building 113 and 146	ERRG	1	Project Manager	0
	excavating 6" of existing material, compacting sub-grade, placing compacting	ERRG	1	QC Manager	10
	4" of class II AB, and preparing for asphalt.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
03	Investigate and repair leaking 2" water line at building 120 discovered during	ERRG	4	Equipment Operators	18
	green waste removal. Shut down water supply to that area, cut out leaking	ERRG	11	Laborers	90
	section, threaded existing pipe and installed 2" end cap. Leave area open to	ERRG	1	Truck Drivers	4
	dry out, will backfill and compact around pipe when the area dries out.				

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	160
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12,136
TOTAL WORK HOURS FROM START OF CONSTRUCTION	12,296

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors and Excavation/Backfill	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		Smooth Drum Roller
03		Bobcat skid steer loader

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlift	0
01	ERRG	JD 225 Excavator	0
03	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
	Met with Doug DeLong (Navy CSO) today regarding the haul route for moving stockpiles and also showed him the water pipe at Building 120- he assisted with locating shut off
	valves and we discussed our plan for repair.

James Nores 03/27/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	092 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	57
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	0
03	ERRG	JD 210 Skip Loader	8
03	ERRG	JD 310 Backhoe	4
04	Harris Blade	Cat 735 haul truck	0
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	0
03	United Rentals	Smooth drum roller	2
03	United Rentals	Double smooth drum roller	4

Schedule Activity No.	REMARKS

James Nores 03/27/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/27/13 **TIME** _____ **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BLDG FLOOR INSPECTION + REPAIRS, SITE + COVER COMPACTION + GRADING.

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, EQUIPMENT, HAND TOOLS, POWER TOOLS, TENANTS + POTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Lucas	ERRG	[signature]
Greg Bailey	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Brian Kerr	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
F. LOZA	ERRG	[signature]
Jeremy Arviaz	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Tony Green	ERRG	[signature]
Mike Babst	ERRG	[signature]
[illegible]	"	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Slominski	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #9 BLDG FDN. RESTORATION 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	3/27/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	3/27/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	3/27/13 0700
Employee(s):	B. LUNASCO	B. Lunasco	3-27-13 0700
	Dini Bailey	[signature]	3-27-13 0700
	Paul Rodriguez	[signature]	3-27-13 0700
	Brian Kerr	[signature]	3-27-13 0700
	Adolfo Madrigal	Adolfo M.	3/27/13 0700
	Rodrigo pulido	Rodrigo	3/27/13 0700
	F. COZA	[signature]	3/27/13 0700
	JEREMY AGUIAR	[signature]	3-27-13 0700
	Jim Aguiar	Jim Aguiar	3-27-13 0700
	[illegible]	[signature]	3-27-13 0700
	Torey Green	[signature]	3-27-13 7 00
	Mike Bubsh	[signature]	3-27-13 0700
	[illegible]	[signature]	3/22/13 0700
	Spencer Johnson	[signature]	3/22/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	3/27/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO QUICKLY	Page:	1 of 1
Site Visitors:	DOUG DELONG - CLIN		

Description of Field Activities:

PREPPING FLOORS IN BLDG'S 113 + 116 FOR PAVING.

INVESTIGATING AND FIXING LEAKING PIPE (WATER) IN GROUND AT BLDG. 120.

EQUIPMENT: END LOADER, SKID LOADER, BACKHOE, WATER TRUCKS, BOBCAT, 2 KUBOTAS, JUMPING JACK + VIBRA PLATE COMPACTORS, ROLLER.

Signed: [signature] Date: 3/27/13

ERRG

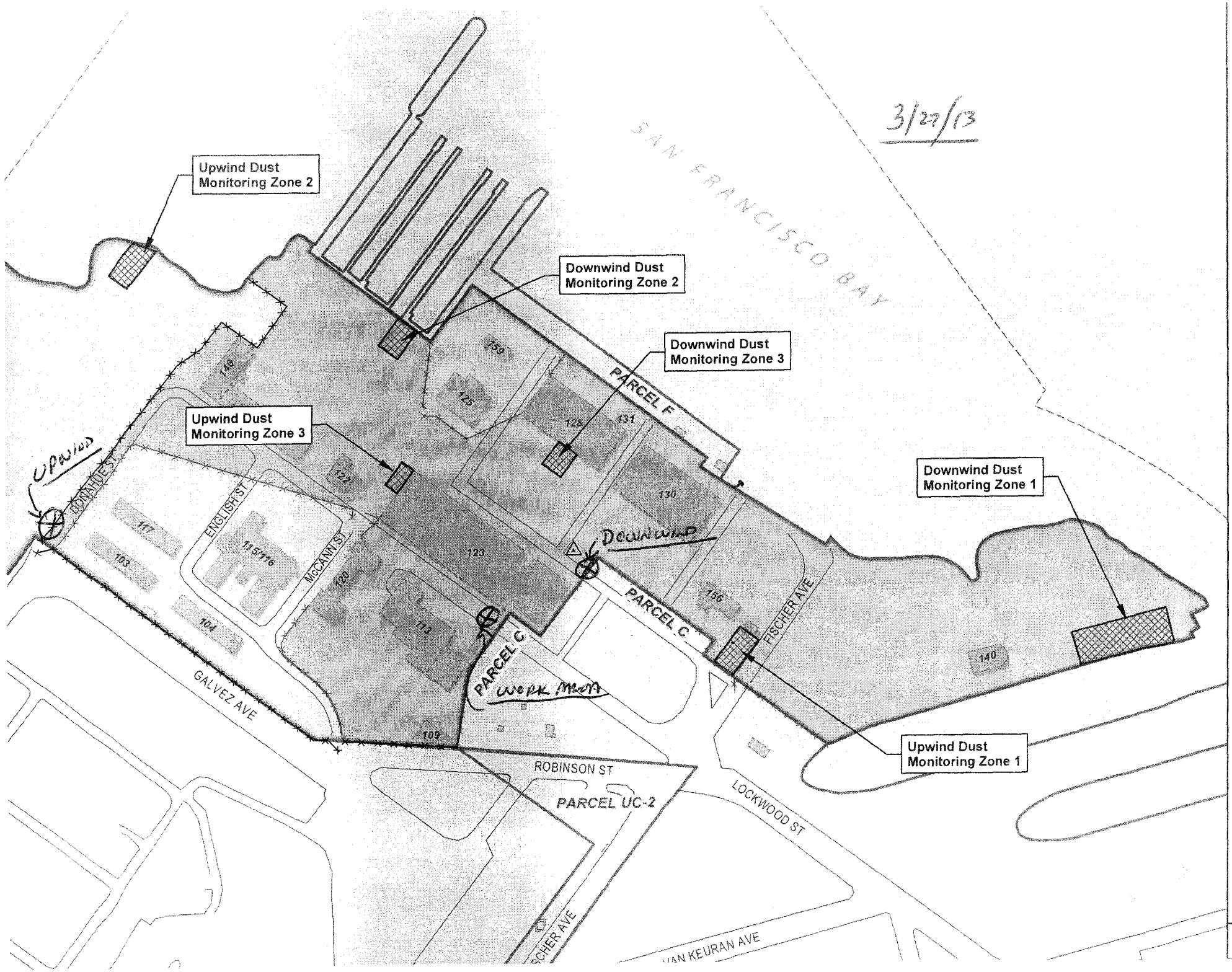
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: ___ of ___
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue @ Galvez	3/27/13	0740	0.019	0.030	
METER # 1161		0840	0.012	0.017	
		0949	0.031	0.016	
		1048	0.029	0.017	
		1259	0.031	0.018	
		1444	0.001	0.016	
WORK AREA Fence Perimeter	3/27/13	0735	0.000	0.007	
Bldg. 123 # 2737		0838	0.005	0.000	
		0943	0.024	0.006	
		1045	0.023	0.015	
		1257	0.023	0.017	
		1447	0.022	0.016	
DOWNWIND Fence Perimeter	3/27/13	0732	0.016	0.015	
Parcel B+C/NE Bldg 123		0837	0.019	0.016	
Meter # 10973		0941	0.032	0.020	
		1043	0.033	0.024	
		1255	0.031	0.028	
		1449	0.018	0.023	


3/27/13
SAN FRANCISCO BAY
Upwind Dust Monitoring Zone 2
Downwind Dust Monitoring Zone 2
Downwind Dust Monitoring Zone 3
Upwind Dust Monitoring Zone 3
Downwind Dust Monitoring Zone 1
Upwind Dust Monitoring Zone 1
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
UPWIND
DOWNWIND
WORK AREA
146
159
125
128
131
122
130
117
115/116
103
120
123
156
104
113
140
109

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: BOBCAT	Model No.: S130	Serial No.: 259-03-0352

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	✓		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	✓		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	✓		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)	✓		
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	✓		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	✓		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)	✓		
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)			✓
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i	✓		
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a)	✓		
11. Has bulldozer and scraper blades, end-loader buckets, dump bodies, and similar equipment been fully lowered or blocked when being repair or when not in use? (18.G.11)	✓		
12. Has adequate ventilation been provided when equipment powered by internal combustion engines is operating in enclosed areas? (18.G.14)	✓		
13. Are all vehicles which will be parked or moving slower than normal traffic on haul roads equipped with a yellow flashing light or flasher visible from all directions? (18.G.15)			✓
14. Is all mechanized equipment shut down before and during refueling? (18.G.10)	✓		
15. Are all towing devices used on any combination of equipment structurally adequate for the weight drawn and securely mounted? (18.G.28a)			✓
16. Have the wheels been chocked or track mechanisms blocked and the parking brake set when equipment is parked on an incline? (18.G.27)	✓		
17. Are only trained and authorized operators permitted to operate a powered-industrial truck? (18.G.29b)	✓		
18. Is training documented, certified and provided in accordance with OSHA 29 CFR 1910.178? (18.G.29b(1))	✓		
19 Are personnel prohibited from working in, or passing under or ride in the buckets or booms of loaders in operation? (18.G.21)	✓		
20. Does the unit have a dry chemical or carbon-dioxide fire extinguisher with a minimum rating of 10-B: C? (18.G.23)	✓		
21. Is there an effective, working reverse alarm? (18.B.01)			

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)	✓		
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	✓		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	✓		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	✓		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	✓		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	✓		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	✓		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)	✓		
30. Is roll over protection provided? (18.B.13)	✓		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	✓		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)		✓	
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)			✓
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?	✓		
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?	✓		
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?	✓		
37. MANUFACTURERS LOAD RATING CHART?			✓
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			✓
39. INSPECTION OF RIGGING			✓
40. COMMUNICATION BETWEEN WORKERS INVOLVED?	✓		
41. USING TAG LINES?			✓
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			✓
43. SURFACE BENEATH EQUIPMENT STABLE?	✓		

REMARKS: HRS 386.1

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and that it meets all above requirements except as noted under the remarks section.

Competent Person Signature: B. Jones Date of Inspection: 3-27-13

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 27/03/13

REPORT NO 092

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Inspected the foundation of Building 146 and documented the areas requiring repair. Removed the top 6-inches of soil from all trenches inside
	Building 146 and placed a 4-inch thick layer of aggregate base course in the trenches. Removed the top 6-inches of soil from trenches in the
	southwest rooms of Building 113 and placed a 4-inch thick layer of aggregate base course in the trenches.
	Verified that the activities complied with the Building Foundation Inspection and Restoration 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
	A water line leak was discovered during work along the northwest side of Building 120. ERRG dug out the leaking section, cut the 2" water line
	at the valve box outside Building 120, and installed a cap on the pipe.

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

03/27/13 — 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)

Building Foundation Inspection and Restoration

Date: 03/27/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			Removed top 6” of soil from trenches inside Bldg 113 and Bldg 146
Is the Contractor’s mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**			**X**	
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed and compacted 4" layer of AB in the trenches inside Bldg 113 and Bldg 146
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**	**X**			
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 03/27/13

Photo 1: Building Foundation Inspection and Restoration – Excavation of the top 6-inches of soil from trench area within the foundation of Building 146
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 27, 2013

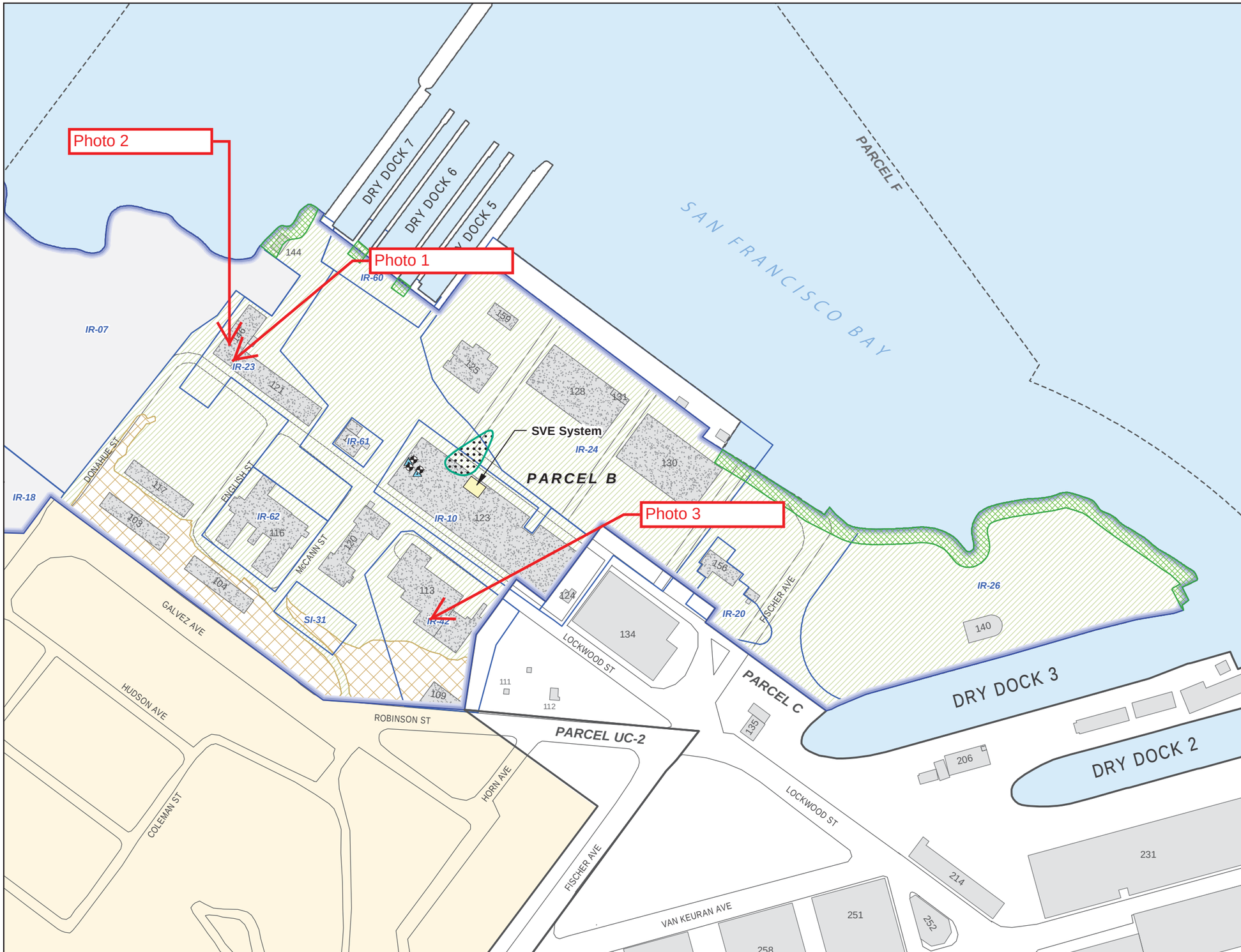
Photo 2: Building Foundation Inspection and Restoration – Compacted 4-inch thick layer of aggregate base course placed in trench within the foundation of Building 146
HPNS Parcel B Remedial Action, San Francisco, California

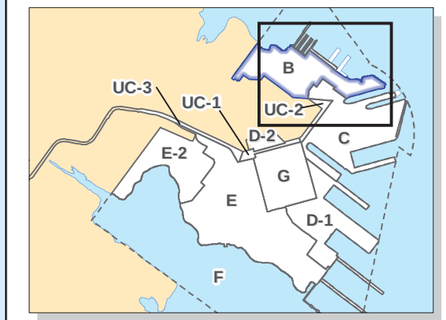
Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 27, 2013

Photo 3: Building Foundation Inspection and Restoration – Compacted 4-inch thick layer of aggregate base course placed in previous excavation area in the foundation of Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: March 27, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 28/03/13	REPORT NO: 093
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Pt. Cloudy/Mild	MAX TEMP (F): 63	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
03	Crew import place and compact asphalt pavement inside building 113 and 146	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
		ERRG	4	Equipment Operators	16.5
		ERRG	10	Laborers	71
		ERRG	1	Truck Drivers	2

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: 137.5
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: 12,296
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: 12,433.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors and Excavation/Backfill	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	025	24 tons 1/2" Asphalt

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlift	0
01	ERRG	JD 225 Excavator	0
03	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS

James Nores 03/28/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	28/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	093 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	63
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	0
03	ERRG	JD 210 Skip Loader	8
03	ERRG	JD 310 Backhoe	4
04	Harris Blade	Cat 735 haul truck	0
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	0
03	United Rentals	Smooth drum roller	2
03	United Rentals	Double smooth drum roller	4

Schedule Activity No.	REMARKS

James Nores 03/28/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/28/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK ASPHALT PATCHING OF FLOORS in BLDG 113 & 146

SAFETY TOPICS PRESENTED

SAFETY TOPICS STF, HOT ASPHALT, EQUIPMENT, TENANTS, TRUCK TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Tony Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
[illegible]	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Jim Aguiar	ERRG	[signature]
EUXIBLE MARTINEZ	ERRG	[signature]
Fe Loza	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
[illegible]	[illegible]	[signature]
[illegible]	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #9 BLDG FAN RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	3/28/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	3/28/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	[illegible]	[signature]	3-28-13 @ 0700
	Toney Green	[signature]	3-28-13 0700
	Brian Kerr	[signature]	3-28-13 0700
	JEREMY AGUIAR	[signature]	3-28-13 0700
	Paul Rodriguez	[signature]	3-28-13 0700
	Adolfo Madrigal	Adolfo M.	3/28/13 0700
	Jim Aguilar	[signature]	3-28/13 0700
	Enrique Martinez	[signature]	3-28/13 0700
	F. LOZA	[signature]	3-28-13 0700
	Spencer Johnson	[signature]	3/28/13 0700
	Boris Popovich	[signature]	3/28/13 0700
	[illegible]	[signature]	3/28/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	3/28/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

PREP FOR PAVING, ASPHALT PAVING IN BLDGS 113 + 146.

EQUIPMENT: BACKHOE, SKIP LOADER, ROLLER, BOBCAT, JUMPING JACK, VIBRAPLATE, WATER TRUCK, 2 KUBOTAS.

Signed: [signature] Date: 3/28/13

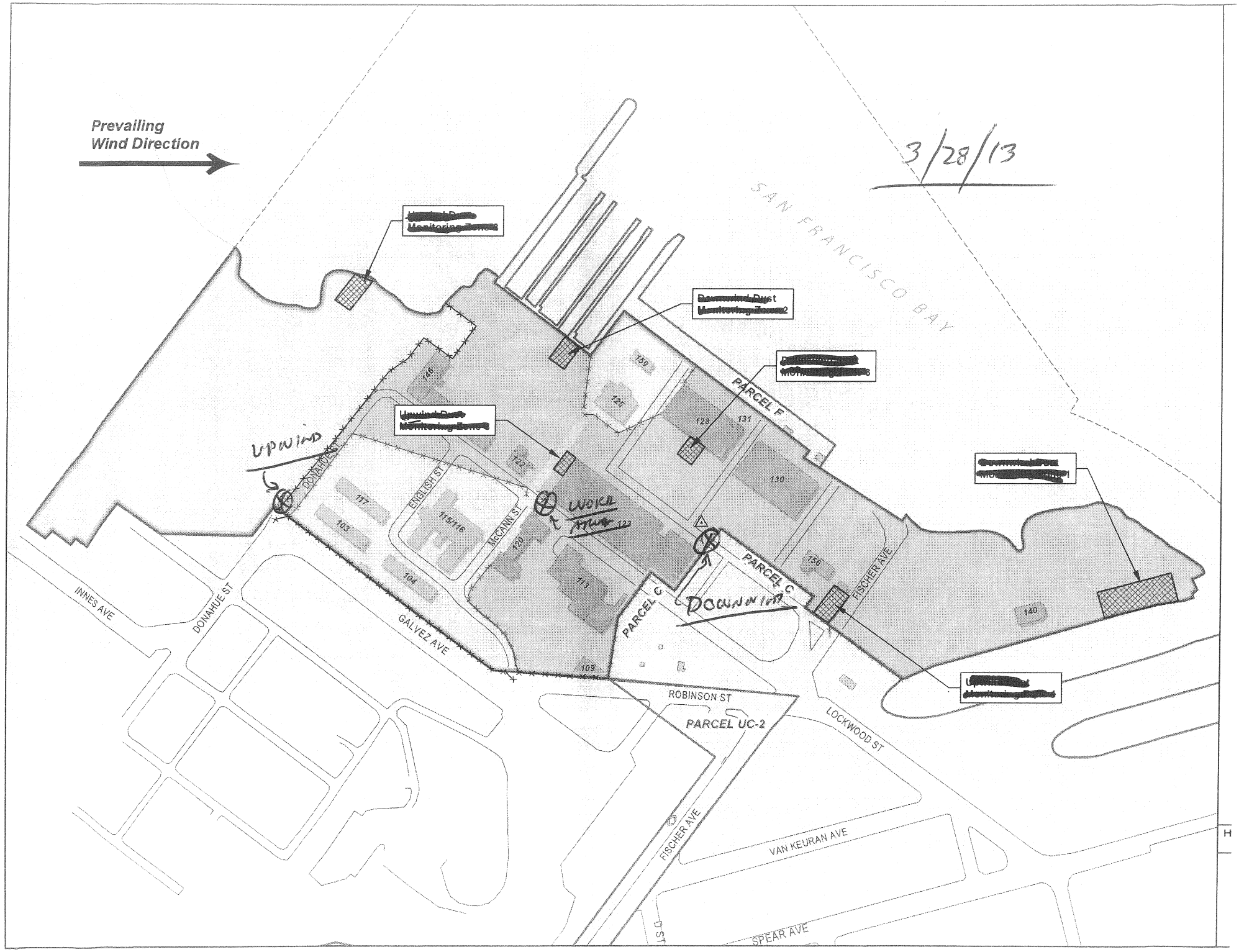
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue & Galvez Motor # 1161	3/28/13	0728	0.011	0.010	
		0919	0.003	0.007	
		1052	0.004	0.004	
		1156	0.001	0.004	
		1332	0.000	0.003	
		1450	—	—	off
WORK AREA SW corner Bldg 123 # 2737	3/28/13	0731	0.000	0.003	
		0905	0.000	0.000	
		1049	0.008	0.002	
		1154	0.025	0.006	
		1334	0.023	0.009	
		1455	0.018	0.011	
		1552	0.015	0.014	
DOWNWIND Parcel B/C Fence east of Bldg 123 # 10973	3/28/13	0725	0.013	0.015	
		0901	0.007	0.001	
		1046	0.016	0.004	
		1150	0.027	0.009	
		1319	0.024	0.014	
		1506	0.039	0.016	
		1555	0.024	0.017	



Prevailing
Wind Direction
3/28/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
D ST
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	28/03/13
REPORT NO	093

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Inspected the foundation of Building 122 and documented the areas requiring repair. Completed placement of 4-inch thick layer of aggregate base
	course in the trenches within Building 146; performed compaction test of the aggregate base course placed inside Building 146.
	Paved the trenches and excavation areas within the foundation of Building 113 (rooms on southwest side) and within the foundation of Building
	146 with a 2-inch thick layer of asphalt concrete. Began patching the holes in the foundation of Building 122 with mortar. Began patching
	holes in the foundation of Building 115 with mortar.
	Verified that the activities complied with the Building Foundation Inspection and Restoration 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.

Spencer Slominski — 03/28/13

AUTHORIZED QC MANAGER AT SITE — 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

Building Foundation Inspection and Restoration

Date: 03/28/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			Paved the trenches inside Bldg 113 and Building 146 with asphalt concrete
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Tested compaction of the AB placed in the trenches inside Building 146
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed asphalt concrete per specification section 32 10 00
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed asphalt concrete per specification section 32 10 00
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**	**X**			Placed asphalt concrete per specification section 32 10 00
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**	**X**			
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 03/28/13

ERRG
[illegible] Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No. 2012-037-032813
Page 1 of 1

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No. CPN MC3
Date/Time 3-28-13	Job No.	Project/Location HPNS	Source Material Am-241 / Cs-137	Density Std. 35362
Inspector F. LOZA	Project Engineer SPENCER S.	Other		Moisture Std 7400
Curve No.	Max. Density (PCF) 124.2	Min. Density (PCF)	Optimum Water (%) 10%	Equipment in Use ROLLER

Specified % Compaction	Specified % Water	Lab Test Method	Field Test Method
95%		ASTM D-1557	ASTM D-2922 ASTM D-3017

Gauge Readings

Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
1		3"	133.2	14.9	118.2	12.61	95%	BLD 146	TOP LAYER
		Average							

Remarks:

Inspector: F. LOZA

Reviewed:

Photo 1: Building Foundation Inspection and Restoration – Previous excavation area within the foundation of Building 113 prepared for paving

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 28, 2013

Photo 2: Building Foundation Inspection and Restoration – 2-inch thick layer of asphalt concrete installed in previous excavation area inside Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 28, 2013

Photo 3: Building Foundation Inspection and Restoration – Placement of asphalt concrete pavement in the trench areas within the foundation of Building 146

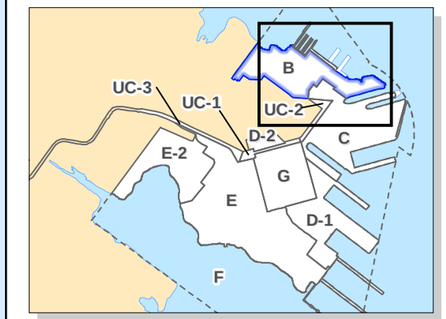
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 28, 2013

Photo 4: Building Foundation Inspection and Restoration – Patching mortar applied to holes in the foundation of Building 122

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 28, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 29/03/13	REPORT NO: 094
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Pt. Cloudy/Mild	MAX TEMP (F): 65	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
03	Crew excavate 6" in two areas inside of building 123, compact sub-grade,	ERRG	1	Project Manager	0
	place and compact 4" of class II AB, top with asphalt. Crew also finished off	ERRG	1	QC Manager	10
	the remainder of the paving inside building 146.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
03	Crew working on cleaning out a room inside building 115 to prepare for floor	ERRG	3	Equipment Operators	13
	inspection and documentation. Moving some tenant items from 116.	ERRG	11	Laborers	81
		ERRG	1	Truck Drivers	2

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: 144
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: 12,433.5
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: 12,577.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors and Excavation/Backfill	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	025	21 tons 1/2" Asphalt

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlift	0
01	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS

James Nores 03/29/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	29/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	094 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	65
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	0
03	ERRG	JD 210 Skip Loader	4
03	ERRG	JD 310 Backhoe	2
04	Harris Blade	Cat 735 haul truck	0
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	0
03	United Rentals	Bobcat skid steer loader	4
03	United Rentals	Double smooth drum roller	8

Schedule Activity No.	REMARKS

James Nores 03/29/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/29/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK ASPHALT PAVING IN BLDG 146 + 123

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, EQUIPMENT, HOT ASPHALT, TRUCK TRAFFIC + DUMPING, HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
B. Lunasco	ERRG	[signature]
B Kerr	ERRG	[signature]
Emilio E	ERR	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Adolfo Madrigal	ERRG	Adolfo M.
Paul Rodriguez	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
Bonifacio		Bonifacio
F. LOZA	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Slomingh	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: 9 BLDG FDN. RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	3/29/13 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	3/29/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	3/29/13 0700
Employee(s):	Kiy Barlow	[signature]	3-29-13 0700
	Toney Green	[signature]	3-29-13 0700
	B. Lunasco	[signature]	3-29-13 0700
	Brian Kerr	[signature]	3-29-13 0700
	Enrique Martinez	[signature]	3-29-13 - 0700
	Rodrigo Pulido	Rodrigo	3/29/13 - 0700
	Adolfo Madrigal	Adolfo M.	3/29/13 - 0700
	Paul Rodriguez	[signature]	3/29/13 0700
	Jim Aguirre	[signature]	3-29-13 0700
	Boris P	Boris P	3/29/13 0700
	F. Loza	[signature]	3/29/13 0700
	Michael Babst	[signature]	3/29/13 0700
	Spencer Johnson	[signature]	3/29/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	3/29/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG to CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

BUILDING RESTORATION ASPHALT PATCHING IN BLDG. 123 + 146.

CLEANING OUT ROOMS IN BLDG. 115

SOIL COVER ON DONAHUE & DRAINAGE OUTFALL

MOVING TOXIC MATERIAL

EQUIPMENT: SKID LOADER, ROLLER, WATER TRUCK, 2 KUBOTAS, WHEEL LOADER, FORKLIFT.

Signed: [signature] Date: 3/29/13

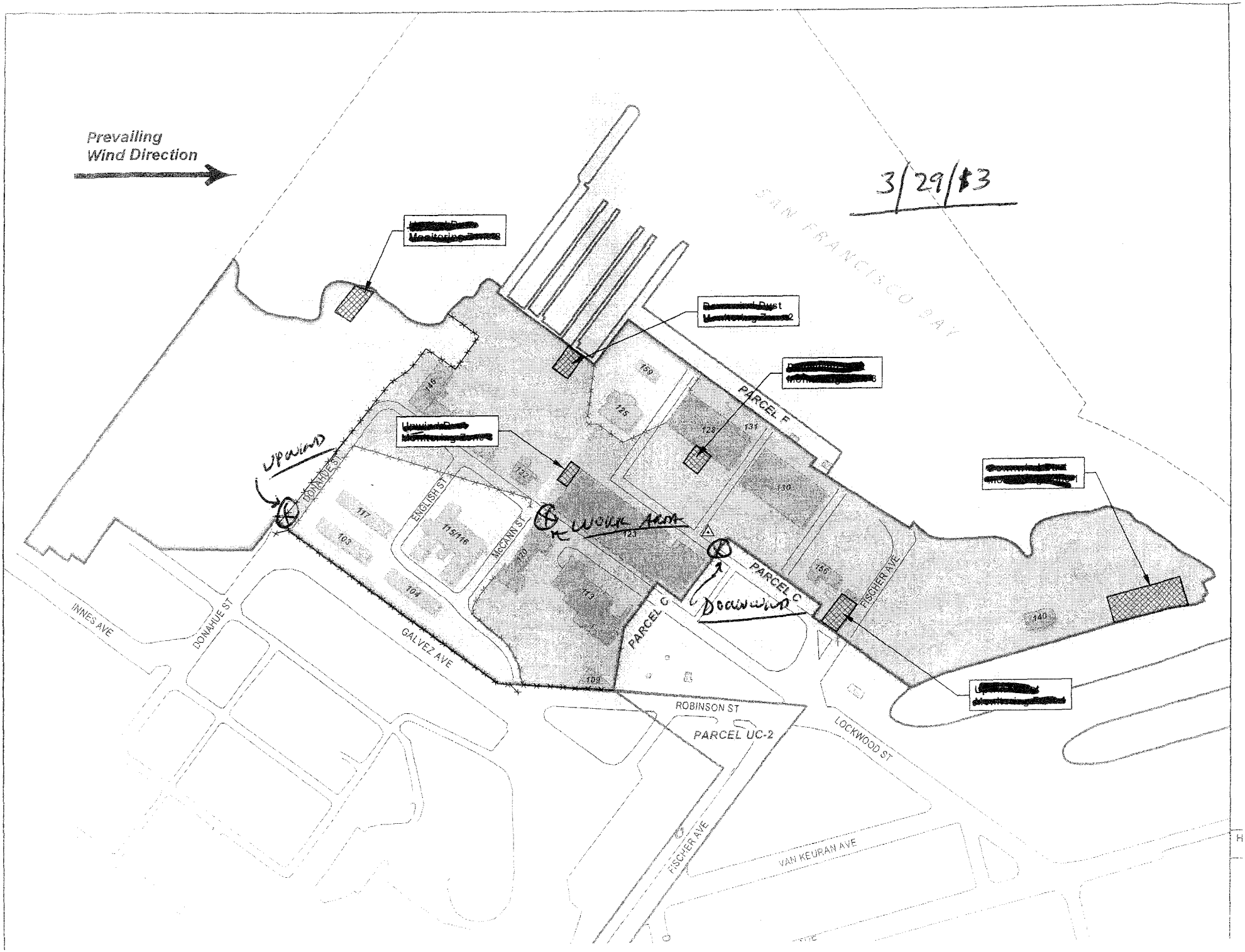
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue @ Gawez	3/29/13	1023	0.029	0.032	LATE START - FOG
Meter # 1161		1113	0.017	0.020	
		1253	0.004	0.012	
		1403	0.017	0.013	
		1445	0.008	0.013	
WORK AREA SW COR.	3/29/13	1020	0.034	0.040	
BLDG. 123 # 2737		1109	0.040	0.040	
		1247	0.019	0.031	
		1401	0.022	0.037	
		1442	0.015	0.037	
DOWNWIND PARCEL B/C	3/29/13	1015	0.033	0.039	
FENCE, EAST of BLDG 123		1108	0.041	0.038	
Meter # 10973		1245	0.026	0.032	
		1359	0.035	0.033	
		1444	0.023	0.032	



Prevailing
Wind Direction
3/29/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
WORK AREA
DOWNWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
159
125
128
131
130
146
122
117
103
115/116
120
123
104
113
109
156
140

NAVFAC
Naval Facilities Engineering Command

WORKSHEET FOR
CONTRACTOR SAFETY SELF-EVALUATION

ROICC OFFICE: NAVFAC SW DATE: 3/29/13
CONTRACTOR: ERRG, INC.
CONTRACT TITLE: REMEDIAL ACTION AT PARCEL B CONTRACT % COMPLETE: 40%
CONTRACTOR SUPERINTENDENT: JAMES JONES

CATEGORY:					Date Corrected:
PREPARATORY PHASE (Planning) Comments/Notes:	(Yes)	(No)	(N/A)	1) Activity Hazard Analysis performed and used on the site for each major phase of the work?	
	(Yes)	(No)	(N/A)	2) Are weekly safety meetings and indoctrination held on site and documented for all workers?	
	(Yes)	(No)	(N/A)	3) Is the submitted safety plan on site and in use?	
	(Yes)	(No)	(N/A)	4) Is the Activity Hazard Analysis reviewed during the preparatory inspection?	
	(Yes)	(No)	(N/A)	5) Hazardous materials program in place with MSDS sheets available and maintained for easy reference?	
	(Yes)	(No)	(N/A)	6) EM 385-1-1 available on the site?	
	(Yes)	(No)	(N/A)	7) Other? Extra Credit? DAILY SAFETY TAILGATE	
OFFICE TRAILER GENERAL Comments/Notes:	(Yes)	(No)	(N/A)	8) Are office and storage trailers anchored?	
	(Yes)	(No)	(N/A)	9) Are emergency phone numbers posted?	
	(Yes)	(No)	(N/A)	10) Is a phone available?	
	(Yes)	(No)	(N/A)	11) First aid log maintained (contractors must use OSHA Form 200)?	
	(Yes)	(No)	(N/A)	12) Toilet facilities available?	
	(Yes)	(No)	(N/A)	13) Site posted "HARD HAT AREA," "NOISE HAZARD," "CONSTRUCTION AREA," etc., as required?	
	(Yes)	(No)	(N/A)	14) Garbage cans and dumpsters available?	
	(Yes)	(No)	(N/A)	15) Jobsite cleaned daily?	
	(Yes)	(No)	(N/A)	16) Is traffic control around site adequate?	
	(Yes)	(No)	(N/A)	17) Other? Extra Credit?	
FIRE PREVENTION Comments/Notes:	(Yes)	(No)	(N/A)	18) Are fire extinguishers available, fully charged, and easily visible within 75 feet for low hazard areas?	
	(Yes)	(No)	(N/A)	19) Is fuel stored in proper containers?	
	(Yes)	(No)	(N/A)	20) Are hot work permits being obtained?	
	(Yes)	(No)	(N/A)	21) Are fire watches provided?	
	(Yes)	(No)	(N/A)	22) Are gas cylinders stored upright and secured with chain or rope?	
	(Yes)	(No)	(N/A)	23) Other? Extra Credit? MONTHLY INSPECTION OF EXTINGUISHERS	
	(Yes)	(No)	(N/A)	24) Other? Extra Credit?	
SCAFFOLD SAFETY Comments/Notes:	(Yes)	(No)	(N/A)	25) Are daily scaffold inspections performed by designated competent person?	
	(Yes)	(No)	(N/A)	26) Planks overlapped not less than 6" or more than 12" over end supports with toe boards in place?	
	(Yes)	(No)	(N/A)	27) Tubing pinned properly and all cross bracing in place?	
	(Yes)	(No)	(N/A)	28) If scaffold height is 4X smallest base dimension, is system secured to structure?	
	(Yes)	(No)	(N/A)	29) All guardrails are in place?	
	(Yes)	(No)	(N/A)	30) Full work platform at each working level with no cracks/splits?	
	(Yes)	(No)	(N/A)	31) Safe access provided to each working level?	
	(Yes)	(No)	(N/A)	32) Scaffold and components not overloaded?	
	(Yes)	(No)	(N/A)	33) Is scaffold system plumb and level?	
	(Yes)	(No)	(N/A)	34) Suspended scaffold systems using independent personal fall arrest system?	
	(Yes)	(No)	(N/A)	35) Other? Extra Credit?	
FALL PROTECTION Comments/Notes:	(Yes)	(No)	(N/A)	36) Is a full body harness used where applicable?	
	(Yes)	(No)	(N/A)	37) Tied off at all times to structural element capable of supporting 5,000 lbs/person 100%?	
	(Yes)	(No)	(N/A)	38) Is protection provided for all working in an areas where they could fall 6' or more?	
	(Yes)	(No)	(N/A)	39) Are employees trained for fall protection systems in use?	
	(Yes)	(No)	(N/A)	40) Has the contractor designated a competent person for fall protection?	
	(Yes)	(No)	(N/A)	41) Have standard guardrails been provided where needed?	
	(Yes)	(No)	(N/A)	42) Have horizontal life lines been designed and installed under supervision of a qualified person?	
	(Yes)	(No)	(N/A)	43) Other? Extra Credit?	

CATEGORY					Date Corrected:
LADDER SAFETY	(Yes)	(No)	(N/A)	44) Do ladders extend 3' above landing platform and tied to structure?	
Comments/Notes:	(Yes)	(No)	(N/A)	45) Are ladders used with hand tools only?	
	(Yes)	(No)	(N/A)	46) Are ladder base distances from structure 1/4 height?	
	(Yes)	(No)	(N/A)	47) Are floor openings either covered or surrounded by a guardrail?	
	(Yes)	(No)	(N/A)	48) Electricians not using portable or conductive ladders?	
	(Yes)	(No)	(N/A)	49) Stairways provided on all structures over 20' during construction and supplied with guardrail?	
	(Yes)	(No)	(N/A)	50) Portable step ladders over 20' not used on the site?	
	(Yes)	(No)	(N/A)	51) Are ladders properly used?	
	(Yes)	(No)	(N/A)	52) Other? Extra Credit?	
EXCAVATIONS	(Yes)	(No)	(N/A)	53) Over 4' deep must have a ladder within 25' and two means of egress?	
Comments/Notes:	(Yes)	(No)	(N/A)	54) Has proper slope or trench box/shoring been provided?	
	(Yes)	(No)	(N/A)	55) Is water controlled/removed?	
	(Yes)	(No)	(N/A)	56) Is excavated material at least 2' back from trench edge?	
	(Yes)	(No)	(N/A)	57) Barricaded, etc., to prevent workers and public from falling into trench/hole?	
	(Yes)	(No)	(N/A)	58) In locations of known or suspected contamination, is excavation atmosphere monitored?	
	(Yes)	(No)	(N/A)	59) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	60) Other? Extra Credit?	
ELECTRICAL	(Yes)	(No)	(N/A)	61) Are temporary power panel and receptacles protected from weather?	
Comments/Notes:	(Yes)	(No)	(N/A)	62) GFI's in use for site tools - applies to existing outlets in renovation projects as well?	
	(Yes)	(No)	(N/A)	63) Temporary lights rigged and secured to supports properly with covers?	
	(Yes)	(No)	(N/A)	64) If overhead power lines in area, are operations maintaining 10' distance or isolation?	
	(Yes)	(No)	(N/A)	65) Is lockout/tagout program in effect?	
	(Yes)	(No)	(N/A)	66) Sketch of proposed temporary power distribution been submitted/accepted before installing?	
	(Yes)	(No)	(N/A)	67) Other? Extra Credit? SIGNAGE FOR OVERHEAD LINES IN PLACE	
	(Yes)	(No)	(N/A)	68) Other? Extra Credit?	
CRANES	(Yes)	(No)	(N/A)	69) Has periodic inspection been performed prior to use on site IAW EM 385-1-1, App. H?	
Comments/Notes:	(Yes)	(No)	(N/A)	70) Are App. H daily start up inspections performed by operator and submitted with DRI?	
	(Yes)	(No)	(N/A)	71) Is crane operator qualified IAW EM 385-1-1, App. G, and is crane certification posted in cab?	
	(Yes)	(No)	(N/A)	72) Are workers protected from the crane swing radius and prevented from passing under the load?	
	(Yes)	(No)	(N/A)	73) Are rigging cables and slings in good repair free of kinks and cracks?	
	(Yes)	(No)	(N/A)	74) Is the crane level and on firm ground and outriggers in use with appropriate cribbing?	
	(Yes)	(No)	(N/A)	75) Is crane side loading prohibited?	
	(Yes)	(No)	(N/A)	76) Near electric power sources, are rules followed for clearance/isolation in operating zone?	
	(Yes)	(No)	(N/A)	77) Is crane equipped with anti two-block device if required?	
	(Yes)	(No)	(N/A)	78) Other? Extra Credit?	
CONFINED SPACES	(Yes)	(No)	(N/A)	79) Has entry plan been submitted and accepted?	
Comments/Notes:	(Yes)	(No)	(N/A)	80) Is atmosphere being monitored?	
	(Yes)	(No)	(N/A)	81) Is space being ventilated?	
	(Yes)	(No)	(N/A)	82) Are entrants, attendants and entry supervisor properly trained?	
	(Yes)	(No)	(N/A)	83) Is rescue/retrieval system in place?	
	(Yes)	(No)	(N/A)	84) Are daily entry permits posted at point of entry and signed by entry supervisor?	
	(Yes)	(No)	(N/A)	85) Is point of entry posted "DANGER CONFINED SPACE"?	
	(Yes)	(No)	(N/A)	86) Has blanking or locking out of systems taken place?	
	(Yes)	(No)	(N/A)	87) Other? Extra Credit?	
ROOFING	(Yes)	(No)	(N/A)	88) Are kettles at least 25 feet away from buildings?	
Comments/Notes:	(Yes)	(No)	(N/A)	89) Has an employee fall protection system been implemented and in proper use?	
	(Yes)	(No)	(N/A)	90) Are skylights and roof penetrations covered or barricaded appropriately?	
	(Yes)	(No)	(N/A)	91) Has the roof been evaluated for its ability to support the intended construction loads?	
	(Yes)	(No)	(N/A)	92) Has the roof been surveyed for deterioration?	
	(Yes)	(No)	(N/A)	93) Are two fire extinguishers at the kettle?	
	(Yes)	(No)	(N/A)	94) Fuel cylinder a minimum of 10' from open flame?	
	(Yes)	(No)	(N/A)	95) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	96) Other? Extra Credit?	

Date Corrected:

CATEGORY:

EQUIPMENT
Comments/Notes:

(Yes)	(No)	(N/A)	97) Are forklift operators qualified through training at the site (certificate included in Safety Plan)?	
(Yes)	(No)	(N/A)	98) Mobile equipment equipped with rollover cages and backup alarms with moving parts adequately guarded?	
(Yes)	(No)	(N/A)	99) Are equipment operations maintaining safe clearance from electrical power lines?	
(Yes)	(No)	(N/A)	100) Modifications meet safety rating in accordance with manufacturer (i.e., lifting personnel with forklift)?	
(Yes)	(No)	(N/A)	101) Are safety lashings provided for high pressure hose connections, i.e., air compressors?	
(Yes)	(No)	(N/A)	102) Are workers clear of blind spots associated with mobile construction equipment?	
(Yes)	(No)	(N/A)	103) Do aerial lifts have basket/platform with guardrail?	
(Yes)	(No)	(N/A)	104) Workers not extending over guardrail of aerial lifts?	
(Yes)	(No)	(N/A)	105) Are articulating boom platforms (JLG type) used with Full Body Harness attached to boom or basket?	
(Yes)	(No)	(N/A)	106) Other? Extra Credit?	
(Yes)	(No)	(N/A)	107) Other? Extra Credit?	

DEMOLITION
Comments/Notes:

(Yes)	(No)	(N/A)	108) Has demolition plan been submitted and accepted?	
(Yes)	(No)	(N/A)	109) Waste not being dropped > 6' unless in an enclosed chute and area secured from traffic?	
(Yes)	(No)	(N/A)	113) For building demolition, has notification been made to State having jurisdiction?	
(Yes)	(No)	(N/A)	114) Are nails removed from scrap lumber/materials?	
(Yes)	(No)	(N/A)	115) Other? Extra Credit?	
(Yes)	(No)	(N/A)	116) Other? Extra Credit?	

PPE
Comments/Notes:

(Yes)	(No)	(N/A)	117) Workers wearing leather shoes (no tennis shoes), long pants and sleeve shirt?	
(Yes)	(No)	(N/A)	118) Hard hats being worn?	
(Yes)	(No)	(N/A)	119) Safety glasses where appropriate?	
(Yes)	(No)	(N/A)	120) Hearing protection where appropriate? (if you need to yell to converse)	
(Yes)	(No)	(N/A)	121) Respirators where appropriate?	
(Yes)	(No)	(N/A)	122) Impalement protection provided where personnel could work above vertical impalement?	
(Yes)	(No)	(N/A)	123) Is lighting adequate?	
(Yes)	(No)	(N/A)	124) Other? Extra Credit? HANDGRIP W/MUFFS + CHAPS PROVIDED FOR CHAINSAW WORK	

ABATEMENT
Comments/Notes:

(Yes)	(No)	(N/A)	125) Has abatement plan been submitted and accepted?	
(Yes)	(No)	(N/A)	126) Is independent air monitoring being performed as required inside and outside barriers?	
(Yes)	(No)	(N/A)	127) Is containment in place without integrity compromise?	
(Yes)	(No)	(N/A)	128) Are employees utilizing appropriate PPE?	
(Yes)	(No)	(N/A)	129) If negative air is used, are fans used continuously and monitored for pressure differential?	
(Yes)	(No)	(N/A)	130) Has baseline been performed and necessary final clearance readings taken?	
(Yes)	(No)	(N/A)	131) Are inspections by independent PQP performed prior to barrier removal?	
(Yes)	(No)	(N/A)	132) Is waste material properly containerized and stored?	
(Yes)	(No)	(N/A)	133) Are air monitoring results provided to ROICC?	
(Yes)	(No)	(N/A)	134) Are waste shipment records provided to ROICC?	
(Yes)	(No)	(N/A)	135) Other? Extra Credit?	

WATERFRONT ACTIVITIES
Comments/Notes:

(Yes)	(No)	(N/A)	136) Are employees wearing appropriate flotation devices (PFDs)?	
(Yes)	(No)	(N/A)	137) Is a space rescue skiff available?	
(Yes)	(No)	(N/A)	138) Are emergency life rings available?	
(Yes)	(No)	(N/A)	139) If diving operations are taking place, has a dive plan been submitted and accepted?	
(Yes)	(No)	(N/A)	140) Does dive team consist of proper number and qualifications for employees?	
(Yes)	(No)	(N/A)	141) Other? Extra Credit? PFD SIGNAGE ON SHORELINE	

SCORING: Total applicable for each category = X (where X includes responses for category of "Yes" and "No" but does not include N/A)
Total with "Yes" responses for each category = Y

SCORE FOR EACH CATEGORY: SCORE RATE EQUATION = Y / X

1 PREPARATORY PHASE:	1	6 LADDER SAFETY:	1	11 ROOFING:	—
2 OFFICE TRAILER GENERAL:	1	7 EXCAVATIONS:	—	12 EQUIPMENT:	1
3 FIRE PREVENTION:	1	8 ELECTRICAL:	1	13 DEMOLITION:	1
4 SCAFFOLD SAFETY:	—	9 CRANES:	—	14 PPE:	1
5 FALL PROTECTION:	✓	10 CONFINED SPACES	—	15 ABATEMENT:	1
				16 WATERFRONT ACTIVITIES:	1

OVERALL RATING = LOWEST RATING FOR ANY CATEGORY: 1

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Loader 644J Identification Number: A54058

Project Number / Name: 2012-037 Rental ☐ ERRG ☒

Date: Inspected By:										3/24/13 3923.2 BK			5/29/13 3925.2 PR		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐
[illegible]	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☑	☐	☐

[illegible]ipment defect or damage and corrective actions taken. _____

.RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 210 SKIP LOADER Deere **Identification Number:** FC6 X94

roject Number / Name: HPNS **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	3-25-13 AM			3/26/13			3/27/13			3/28/13			A.M. 3/29/13 1394.0			
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SKIP LODER Identification Number: FCGX94

Project Number / Name: 2012 037 Rental ☐ ERRG ☒

Date: 3/25/13 Inspected By: Adolfo M.	3/25/13 H 1374.2			3/26/13 1377.9			3-27-13 1385.9			3-28-13 1392.2			3-29-13 1394.8		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐

Equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: BAKHOE Identification Number: TW 10026

Project Number / Name: H, P Rental ☐ ERRG ☒

Date: / Inspected By:	KIKI 3-18-13 HOR 4992.5			KIKI 3-19-13 HOR 4997.6			3-20-13 HOR 5002.6			3-25-KI 500413			3-27-13 TL 5006		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐
[illegible]	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐

Equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Gradall Identification Number:

Project Number / Name: H P 2012-037 Rental ☑ ERRG ☐

Date: Inspected By:	3-26-13 HOR 1538,			3/29/13 1539.0 RN											
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Lead on RM on front by forks

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Man lift Identification Number: 504 1011887

Project Number / Name: 2012 037 HPNS Rental ☒ ERRG ☐

Date:	3-26-13														
Inspected By:	TG 22627														
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: 980-11-7139

Project Number / Name: HANS BAKER B Rental ☐ ERRG ☑

Date: Inspected By:	3/25/13 [signature] 860.2			3/26/13 [signature] 862.0			3/27/13 [signature] 863.9			3/28/13 [signature] 865.9			3/29/13 [signature] 867.2		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	✓			✓			✓			✓			✓		

Equipment defect or damage and corrective actions taken. FRONT U-JOINT LOOSE (KNOCKING)
2WDRIVE ONLY KEEP SPEED DOWN

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: TW11077

Project Number / Name: H. P 2012.037 Rental ☐ ERRG ☑

Date: / Inspected By:	03/25/13 05634			03/26/13 05642			3-27 HOR 5661			3-28 5671			3-29 569.0 BX		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☐	☑	☐	☑	☐	☐	☒	☐	☐
[illegible]	☑	☐	☐	☑	☐	☐	☐	☑	☐	☑	☐	☐	☒	☐	☐

[illegible]ment defect or damage and corrective actions taken. Right Driver's tail light out.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 Truck Identification Number: 8V94768

Project Number / Name: HPSY PB 2012037 Rental ☐ ERRG ☑

Date: Inspected By:	3/25/13 PR 2526.3			3-26-13 PR 2531.5			3/27/13 PR 2536.2			3/28/13 PR 2536.2			3/29/13 PR 2537.6		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H2O Truck Identification Number: 7V03957

Project Number / Name: 2012.037 HPSY PB Rental ☐ ERRG ☑

Date: Inspected By:	3/25/13 3882.2 out of service			3/26/13 3883.2 out of service			3/27/13 3883.2 PM			3/28/13 3884.2			3/29/13 3885.2		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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 any equipment defect or damage and corrective actions taken. Back on service late pm 3/26/13 / step damage fender and bumper damage

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 29/03/13

REPORT NO 094

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Completed paving the trench areas within the foundation of Building 146 with a 2-inch layer of asphalt concrete. Removed the top 6-inches of
	soil from two excavation areas within Building 123, placed and compacted a 4-inch layer of aggregate base course, and installed a 2-inch layer
	of asphalt pavement over these areas. Continued cleaning the floor of interior room in Building 115 to prepare for inspection.
	Verified that the activities complied with the Building Foundation Inspection and Restoration 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.

Spencer Slominski — 03/29/13

AUTHORIZED QC MANAGER AT SITE — 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)

Building Foundation Inspection and Restoration

Date: 03/29/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			Paved trench areas inside Bldg 146 and Bldg 123 with asphalt concrete
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**			**X**	
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed asphalt concrete per specification section 32 10 00
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed asphalt concrete per specification section 32 10 00
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**	**X**			Placed asphalt concrete per specification section 32 10 00
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**	**X**			
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 03/29/13

Photo 1: Building Foundation Inspection and Restoration – Placement of asphalt pavement over trench area within the foundation of Building 146

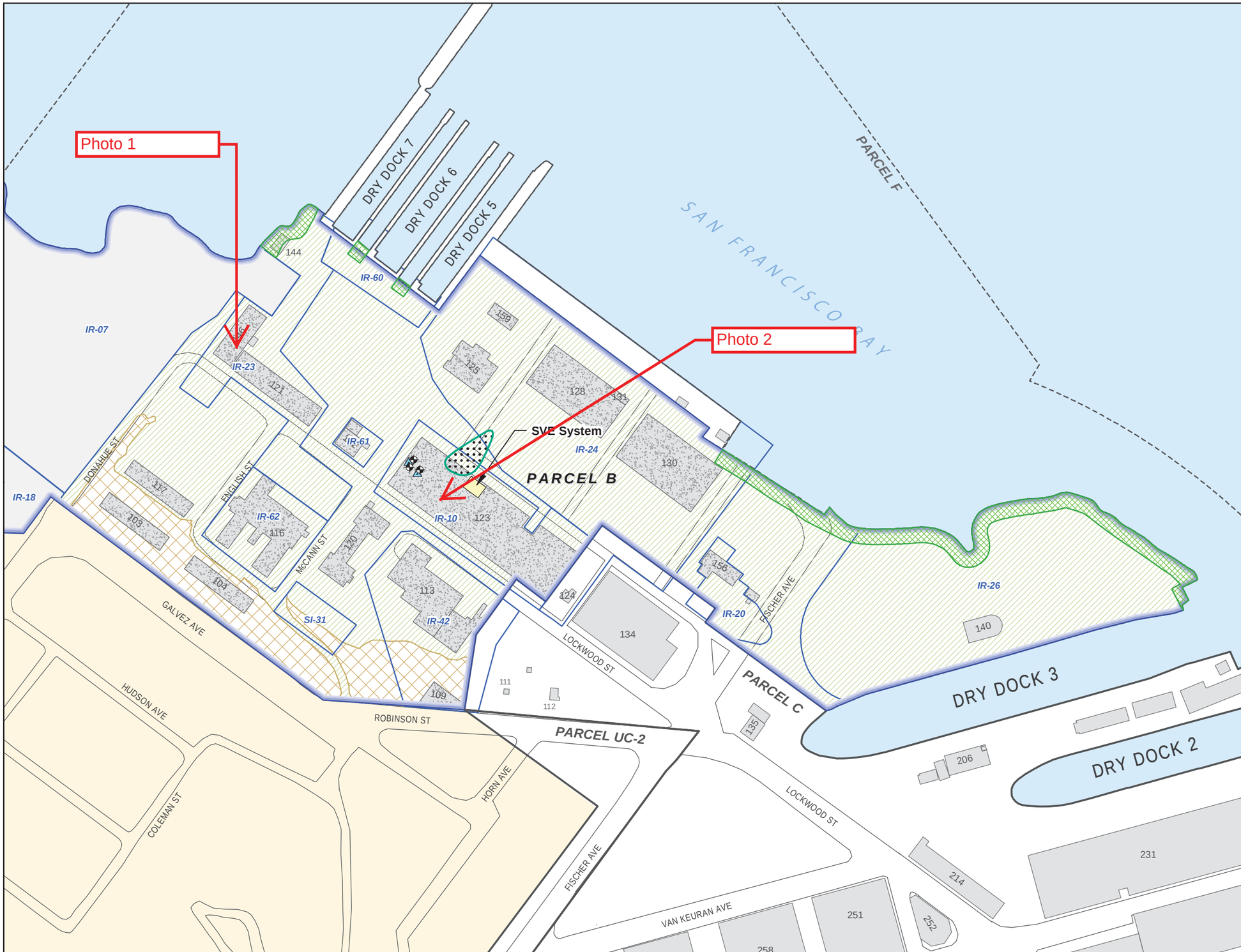
HPNS Parcel B Remedial Action, San Francisco, California

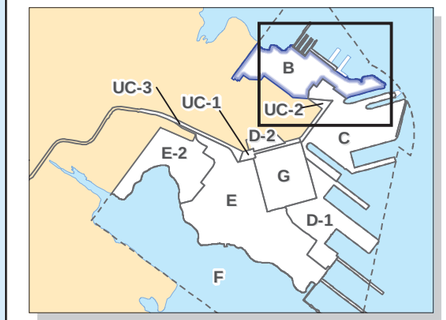
Photographed by: Richard Epp (ERRG, Inc.) Date: March 29, 2013

Photo 2: Building Foundation Inspection and Restoration – Asphalt pavement installed over excavation area within the foundation of Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: March 29, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 01/04/13	REPORT NO: 095
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Rain/Cool	PM WEATHER: Pt. Cloudy/Mild	MAX TEMP (F): 62	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	3
03	Crew working on preparing the last two areas inside building 123 for asphalt,	ERRG	1	Project Manager	0
	excavate to minus 6", compact sub grade, place 4" of class II AB, compact and	ERRG	1	QC Manager	10
	prep for asphalt	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	10
03	Crew working on preparing and grouting cracks in foundation of building 115.	ERRG	5	Equipment Operators	17
		ERRG	8	Laborers	55
01	Crew working on moving keel blocks inside of building 156.				

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: 113
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: 12,577.5
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: 12,690.5
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.
03	Tailgate safety briefing, AHA review for Building Interiors and Excavation/Backfill	

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	6
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlift	0
01	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS

James Nores 04/01/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 01/04/13
		REPORT NO: 095 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Pt. Cloudy/Mild	62	50

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
04	ERRG	JD 650 dozer	0
03	ERRG	JD 210 Skip Loader	4
03	ERRG	JD 310 Backhoe	2
04	Harris Blade	Cat 735 haul truck	0
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	0
03	United Rentals	Bobcat skid steer loader	4
03	United Rentals	Double smooth drum roller	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

04/01/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/1/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BLDG FDN. RESTORATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, RAIN, MUD, EQUIPMENT, TRAFFIC, TENANTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
Jeremy [illegible]	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Brian Kerr	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Jim [illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
TJ APM	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: 9 BLDG FDN. RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/1/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	4/1/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	[signature]	[signature]	4-1-13 @ 0700
	Toney Green	[signature]	4-1-13 0700
	JEREMY AGUIAR	[signature]	4-1-13 0700
	Adolfo Madrigal	Adolfo M.	4/1/13 0700
	Brian Kerr	[signature]	4/1/13 0700
	Jim Aguiar	[signature]	4/1/13 0700
	Boris [signature]	[signature]	4/1/13 0700
	ENRIQUE MARTINEZ	[signature]	4-1-13 0700
	Raul Rodriguez	[signature]	4-1-13 0700
	Mike Babst	[signature]	4-1-13 0700
	Spencer Johnson	[signature]	4/1/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	4/1/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:		Page:	of
Site Visitors:	ALONE		

Description of Field Activities:

BLDG. RESTORATION, GROUNING + CLEANING IN BLDG. 115

MOVING KEEL BLOCKS TO BLDG. 156.

Preparing Asphalt Areas in Bldg 123

EQUIPMENT – SKIP LOADER, FORKLIFT, 2 KUBOTA'S

Signed: [signature] Date: 4/1/13

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: 1 of 1
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	4/1/13	MONITORS NOT DEPLOYED - RAIN & WET SURFACE.			

[signature]
55140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 01/04/13

REPORT NO 095

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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
01	Continued moving keel blocks into Building 156 for storage.
03	Removed the top 6-inches of soil from two excavation areas within the foundation of Building 123, compacted the subgrade, and placed and
	compacted a 4-inch layer of aggregate base course in the excavation areas. Continued cleaning the floor of the electrical room on the southeast
	side of Building 115 and prepared the holes and cracks for patching.
	Verified that the activities complied with the Building Foundation Inspection and Restoration 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.

Spencer Slominski — 04/01/13

AUTHORIZED QC MANAGER AT SITE — 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)

Building Foundation Inspection and Restoration

Date: 04/01/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			Removed top 6” of soil from excavation area inside Bldg 123
Is the Contractor’s mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**			**X**	
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed a 4" compacted layer of AB in excavation area within Bldg 123
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**	**X**			
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 04/01/13

Photo 1: Building Foundation Inspection and Restoration – Placing aggregate base course in excavation area at the northwest end of Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 1, 2013

Photo 2: Building Foundation Inspection and Restoration – Foundation of the electrical room on southeast side of Building 115 with utility penetrations prepared for grout sealing

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 1, 2013

Hunters Point Naval Shipyard, San Francisco, California

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

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 02/04/13	REPORT NO: 096
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Pt Cloudy/Cool	PM WEATHER: Pt. Cloudy/Mild	MAX TEMP (F): 62	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
03	Crew place and compact asphalt in the two prepared areas inside building		1	Project Manager	0
	123.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew change temp fence alignment at building 104 area to prepare for	ERRG	1	QC Staff	10
	hill slope excavation.	ERRG	5	Equipment Operators	24
		ERRG	9	Laborers	55
		ERRG	1	Truck Drivers	1

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: 118
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: 12,690.5
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: 12.808.5
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.
03	Tailgate safety briefing, AHA review for Building Interiors and Excavation/Backfill	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03	025	19.02 tons 1/2" medium asphalt

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlift	0
01	ERRG	JD 225 Excavator	4
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
	Weekly QC meeting with Navy ROICC (Peter Stroganoff) and Navy BRAC (Doug Delong) and ERRG QC, H&S and Supervisory Staff.

James Nores 04/02/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	02/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	096 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool
PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	62
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	3
03	ERRG	JD 210 Skip Loader	4
03	ERRG	JD 310 Backhoe	2
04	Harris Blade	Cat 735 haul truck	0
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	0
03	United Rentals	Bobcat skid steer loader	4
03	United Rentals	Double smooth drum roller	4

Schedule Activity No.	REMARKS

James Nores 04/02/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/2/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION, SITE CLEARING, GREENWASTE DISPOSAL, TRAFFIC CONTROL, Asphalt placement (Very Hot)

SAFETY TOPICS PRESENTED

SAFETY TOPICS STOP, MUD, TRAFFIC CONTROL, TRUCK TRAFFIC, EQUIPMENT, HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Greg Bailey	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
FLORA	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Tony Green	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Brian Kerr	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Jim Arnim	ERRG	[signature]
Bonie P	"	[signature]
Mike Babst	ERRG	[signature]
JAMIE JULIAN	ESP	[signature]
JEREMIAH AUREO	ESP	[signature]
Spencer Johnson	ERRG	[signature]
William Schmidt	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#10 SOIL COVER CONST.

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #12 SITE GRADING 1 MONTH SITE PREP.

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/2/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	4/2/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	[signature]	[signature]	4-2-13 @ 0700
	JEREMY AGUIAR	[signature]	4-2-13 0700
	F. LOZA	[signature]	4-2-13 @ 700
	Toney Green	[signature]	4-2-13 0700
	Adolfo Madrigal	Adolfo M.	4/2/13 0700
	Paul Rodriguez	[signature]	4-2-13 0700
	Brian Kerr	[signature]	4-2-13 0700
	ENRIQUE MARTINEZ	[signature]	4-2-13 0700
	Jim Aguiar	[signature]	4-2-13 0700
	Boris P	Boris P	4/2-13 0700
	Mike Babst	[signature]	4-2-13 0700
	Spencer Johnson	[signature]	4/2/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	4/2/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, PARTLY CLOUDY	Page:	1 of 1
Site Visitors:			

Description of Field Activities:

ASPHALT FLOOR PATCHING IN BLDG. 123.

SURVEYORS LOCATING SVE SYSTEM WELLS, NORTH OF BLDG 123

EXCAVATION, RUBBLE + VEGETATION REMOVAL, GRADING ON SLOPE ON SOUTH SIDE OF McCANN, EAST OF BLDG 104

EQUIPMENT: EXCAVATOR, ROLLER, SKIPLOADER, VIBRAPLATE, BULLDOZER, WATER TRUCK, 2 KUBOTAS.

Signed: [signature] Date: 4/2/13

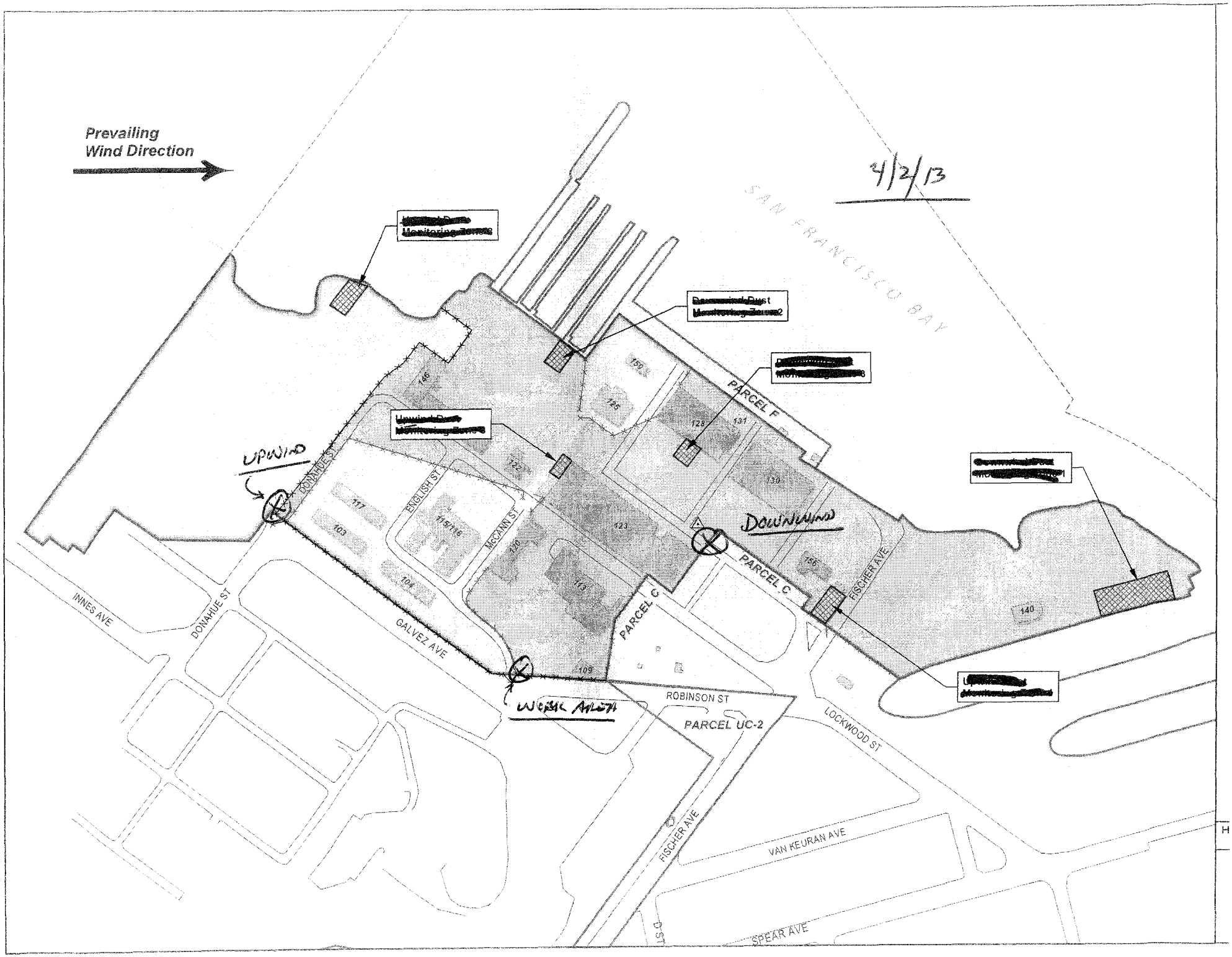
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Dowanus @ Galvez Motor # 1161	4/2/13	0741	0.012	0.013	
		0838	0.014	0.011	
		0935	0.010	0.011	
		1043	0.010	0.010	
		1130	0.009	0.010	
		1306	0.005	0.009	
		1359	0.003	0.008	
		1501	0.003	0.007	
WORK AREA McCann @ Galvez, Motor # 1008	4/2/13	0747	0.008	0.007	
		0836	0.003	0.008	
		0939	0.001	0.007	
		1041	0.006	0.008	
		1128	0.001	0.010	
		1308	0.000	0.009	
		1356	0.000	0.009	
		1458	0.000	0.008	
DOWNWIND Parcel B/C Fence @ Bldg 123, Motor # 10973	4/2/13	0737	0.012	0.013	
		0834	0.034	0.023	
		0931	0.020	0.021	
		1039	0.032	0.023	
		1126	0.028	0.025	
		1300	0.028	0.029	
		1354	0.037	0.029	
		1503	0.039	0.032	


Prevailing
Wind Direction
4/2/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
DONAHUE ST
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
FISCHER AVE
145
150
125
128
131
130
122
123
120
113
109
117
103
104
115/116
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 02/04/13

REPORT NO 096

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Finished preparing two excavation areas within the foundation of Building 123 (at northwest end and and on northeast side) for paving. Installed
	a 2-inch thick layer of asphalt concrete pavement over the two excavation areas within Building 123.
	Verified that the activities complied with the Building Foundation Inspection and Restoration checklist.
04	Continued clearing vegetation and removing debris from the slope between McCann St and Galvez Ave. Began grading the existing slope
	between McCann St and Galvez Ave to prepare the subgrade for soil cover. Verified that the activities complied with the Soil 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
	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff), Navy BRAC PMO (Douglas Delong), ERRG QCM Alternate (Spencer
	Johnson), ERRG Superintendent (James Nores), and ERRG SSHO (Richard Epp).

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.

Spencer Slominski — 04/02/13

AUTHORIZED QC MANAGER AT SITE — 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)

Building Foundation Inspection and Restoration

Date: 04/02/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**	**X**			Paved large excavation areas within Bldg 123 with asphalt concrete
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**			**X**	
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed asphalt concrete per specification section 32 10 00
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**	**X**			Placed asphalt concrete per specification section 32 10 00
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**	**X**			Placed asphalt concrete per specification section 32 10 00
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**	**X**			
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**			**X**	
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 04/02/13

Soil Cover Installation

Date: 04/02/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Began excavation of slope between McCann St and Galvez Ave
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/02/13

Photo 1: Building Foundation Inspection and Restoration – Excavation area within the foundation of Building 123 (on northeast side) prepared for paving
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 2, 2013

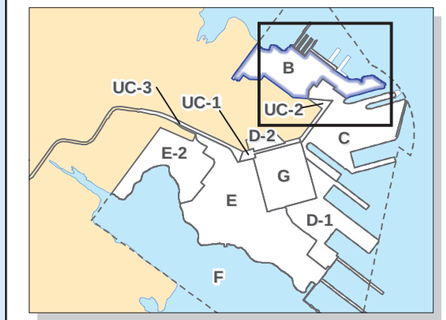
Photo 2: Building Foundation Inspection and Restoration – Asphalt pavement installed over excavation area within the foundation of Building 123 (at northwest end of building)
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 2, 2013

Photo 3: Soil Cover Installation – Grading the existing slope in the soil cover area between McCann St and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 2, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 03/04/13	REPORT NO: 097
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Pt Cloudy/Cool	PM WEATHER: Pt. Cloudy/Mild	MAX TEMP (F): 63	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Crew working on clearing remaining hill slope south of building 104- haul debris	ERRG	1	Project Manager	0
	to stockpile area place green waste into bins. Begin making the key in cut by	ERRG	1	QC Manager	10
	the sidewalk on Galvez.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	10
		ERRG	5	Equipment Operators	20
		ERRG	8	Laborers	50
		ERRG	3	Truck Drivers	10

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: 122
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: 12,808.5
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: 12,930.5
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.
03	Tailgate safety briefing, AHA review for Building Interiors and Excavation/Backfill	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS
	An unmarked water line was encountered in the area south of building 104 near Galvez. Pipe was leaking, the shut off valve was seized and would not move. We removed the
	existing gate valve, installed a new ball valve and shut it off. The line is still live, worked with Mel Asuncion and Greg Nelson on the location of the shut off valve and as-builts from
	previous work.

James Nores — 04/03/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	03/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	097 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool
PM WEATHER	Pt. Cloudy/Mild
MAX TEMP (F)	63
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	4
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	4
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

04/03/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/3/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION; GRADING; BRUSH + RUBBLE REMOVAL

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRAFFIC CONTROL, TENANTS, EQUIPMENT, TRUCK TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
F. LOZA	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Boris	"	[signature]
Spencer Johnson	ERRG	[signature]
Mike Bubsl	ERRG	[signature]
MATTHEW PENA	TRACER	[signature]
Tb APM	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#1 SITE PREP.
#10 SOIL COVER
#12 SITE GRADING

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #:

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/3/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	4/3/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	[signature]	[signature]	4-3-13 @ 0700
	JEREMY AGUIAR	[signature]	4-3-13 0700
	F. LOZA	[signature]	4-3-13 0700
	Adolfo Madrigal	Adolfo M.	4/3/13 0700
	Paul Rodriguez	[signature]	4-3-13 0700
	ENRIQUE MARTINEZ	[signature]	4-3-13 0700
	Brian Kerr	[signature]	4-3-13 0700
	Jim Aguiar	[signature]	4-3-13 0700
	Bomi Pon	[signature]	4/3/13 0700
	Spencer Johnson	[signature]	4/3/13 0700
	Mike Babst	[signature]	4/3/13 0700
	MATTHEW PEÑA	[signature]	4.3.13 0745

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	4/3/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG + CLEAR	Page:	1 of 1
Site Visitors:	ERRG - BRANDON SANDERS, ELLIS JACKSON		

Description of Field Activities:

EXCAVATION, CLEARING VEGETATION + RUBBLE IN AREA BOUNDED BY MCCANN + GALVEZ RD. + BLDG 104.

CLEARING VEGETATION ON MCCANN SIDE OF BLDG. 115.

WORK INTERRUPTED BY DISCOVERY OF UNMARKED WATER PIPE NEAR GALVEZ IN SLOPE AREA. PIPE POTHOLED AND INVESTIGATED, LEAK REPAIRED WITH MAIN VALVE.

EQUIPMENT - EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, SKID LOADER, WATER TRUCK, 2 KUBOTAS, BULLDOZER

Signed: [signature] Date: 4/3/13

ERRG

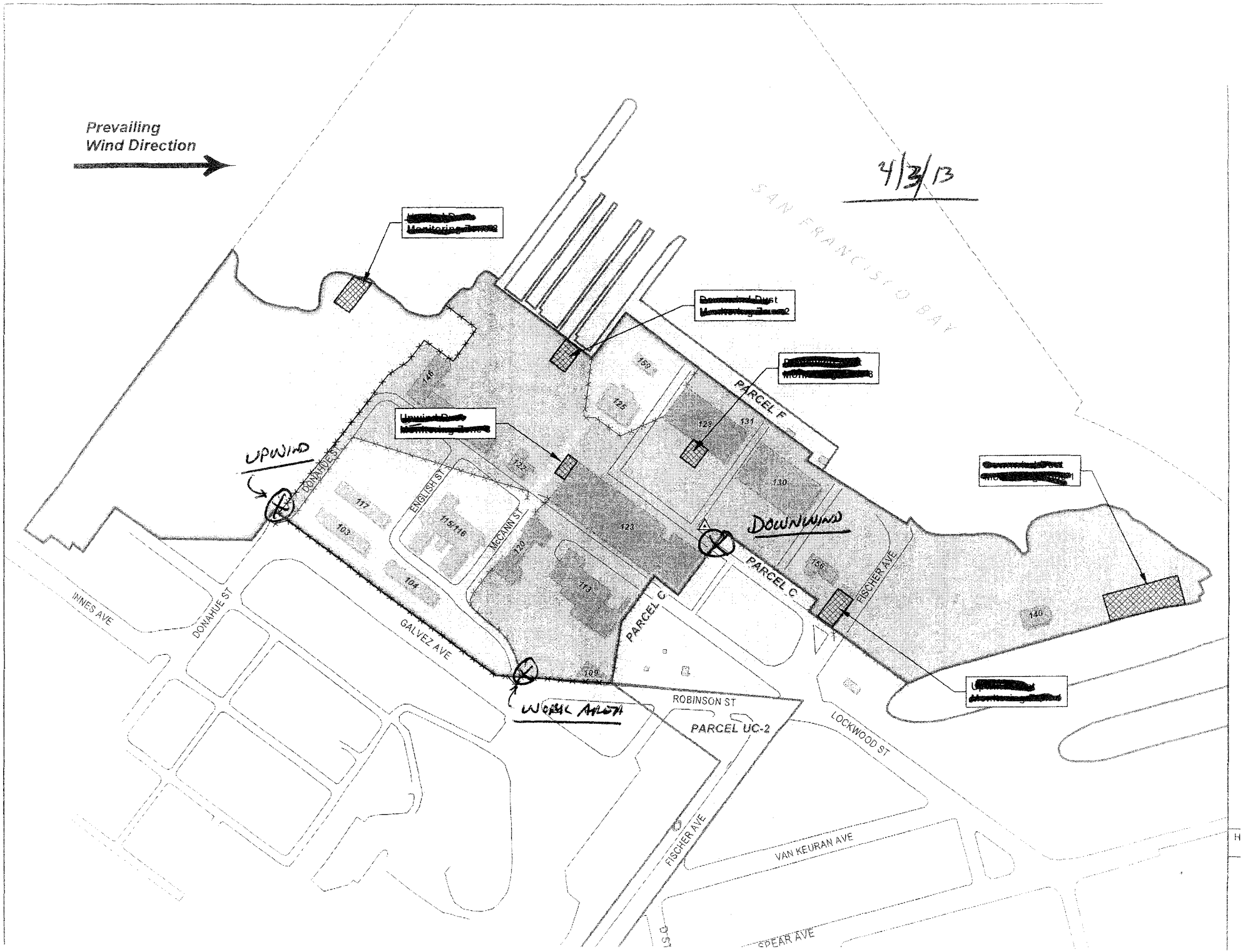
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: 1 of 1
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Dominic & Grove Motor # 1161	4/3/13	0727	0.042	0.046	LIGHT FOG
		0843	0.015	0.030	
		0957	0.030	0.027	
		1057	0.034	0.027	
		1247	0.021	0.027	
		1340	0.021	0.026	
		1518	0.028	0.025	
WORK AREA McCann & Galvez, Motor # 1008	4/3/13	0724	0.037	0.037	
		0846	0.011	0.025	
		0953	0.020	0.025	
		1058	0.030	0.027	
		1249	0.018	0.022	
		1343	0.028	0.025	
		1514	0.021	0.029	
DOWNWIND Parcel B/C @ BLDG 123 #10973	4/3/13	0720	0.038	0.040	
		0841	0.031	0.014	
		0919	0.031	0.018	
		1103	0.031	0.025	
		1245	0.048	0.031	
		1345	0.044	0.034	
		1454	0.038	0.035	



Prevailing
Wind Direction
4/3/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
146
159
125
129
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 03/04/13

REPORT NO 097

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued removing abandoned utility poles and clearing vegetation from the slope between McCann St and Galvez Ave. Continued grading the
	slope between McCann St and Galvez Ave to prepare the subgrade for the soil cover. Began excavating the top of the slope along Galvez Ave
	to allow the soil cover to key into the sidewalk along Galvez Ave.
	Verified that the activities complied with the Soil 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
04	During excavation of the slope between McCann St and Galvez Ave, an unmarked water line was discovered; water was leaking from the pipe
	adjacent to a seized valve. ERRG contacted Navy CSO to assess the leak. ERRG removed the existing valve, installed a new valve on the
	pipe, and shut the valve to stop the leak.

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.

Spencer Slominski — 04/03/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/03/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Continued excavation of slope between McCann St and Galvez Ave
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/03/13

Photo 1: Soil Cover Installation – Removal of abandoned utility poles from the slope between Building 104 and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 3, 2013

Photo 2: Soil Cover Installation – Grading the subgrade for the soil cover between McCann St and Galvez Ave

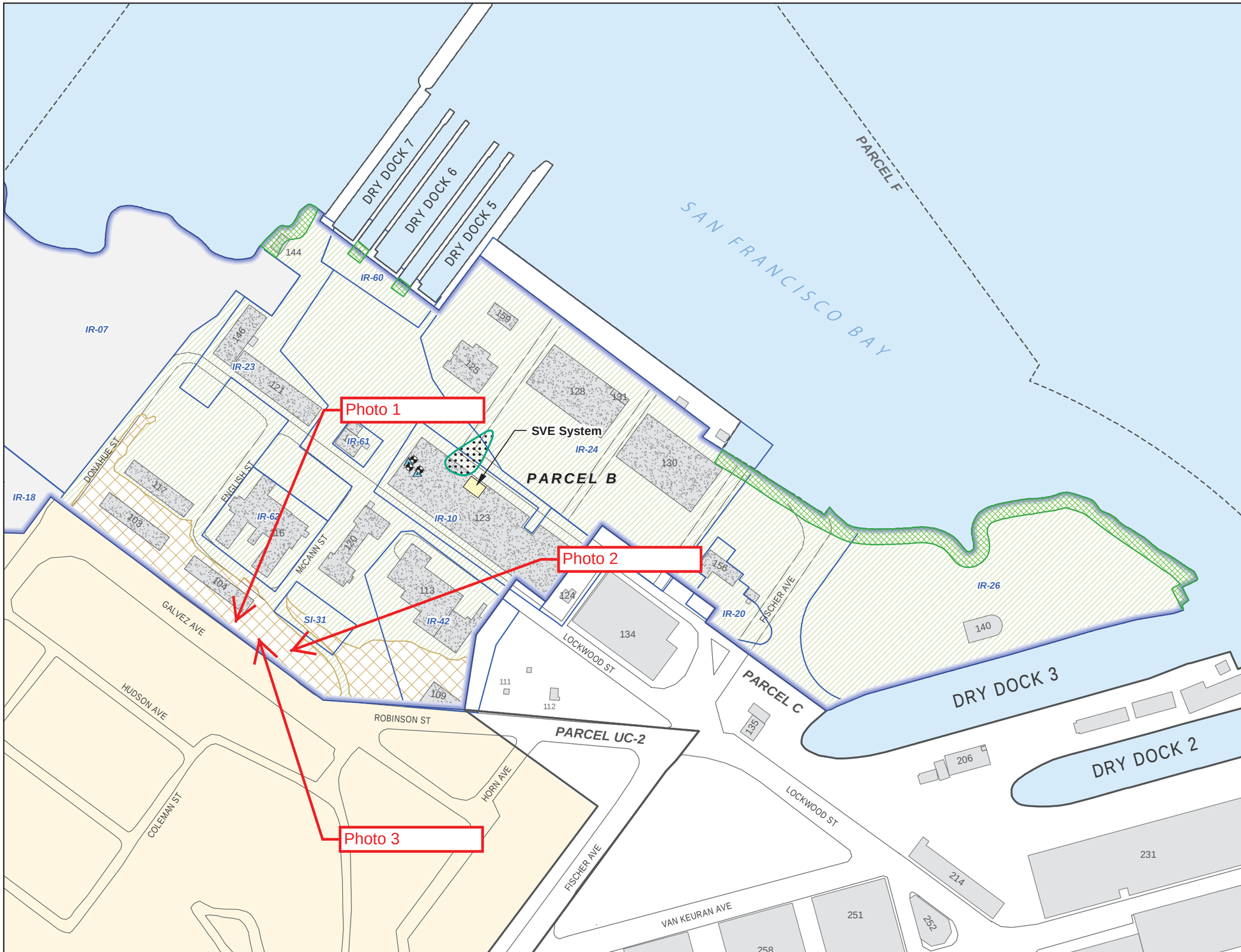
HPNS Parcel B Remedial Action, San Francisco, California

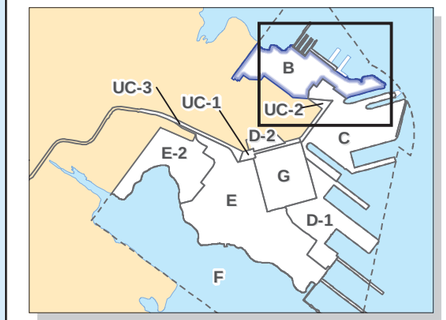
Photographed by: Richard Epp (ERRG, Inc.) Date: April 3, 2013

Photo 3: Soil Cover Installation – New ball valve installed on the water line that was discovered in the soil cover area between McCann St and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 3, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 04/04/13	REPORT NO: 098
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Rain/Cold	PM WEATHER: Cloudy/Cool	MAX TEMP (F): 60	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
03	Prepare floors, remove toilets, grout piping penetrations inside of building 159	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
03	Clear green waste and debris from around the perimeter of building 159	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	10
03	Check all BMP's around the site from the storm/rain activity of the past 24hrs.	ERRG	3	Equipment Operators	6
		ERRG	9	Laborers	56

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	100
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	12,930.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13,030.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for Building Interiors	

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
03	ERRG	70KW Generators (2 ea)	24
03	ERRG	2ea Kubota off road vehicles	16
03	ERRG	Freightliner 2000 gallon water truck	0
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	0
03	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS

James Nores — 04/04/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 04/04/13
		REPORT NO: 098 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cold	Cloudy/Cool	60	50

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	
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

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
04	ERRG	JD 650 dozer	2
03	ERRG	JD 210 Skip Loader	2
03	ERRG	JD 310 Backhoe	2
04	Harris Blade	Cat 735 haul truck	0
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

04/04/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/4/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BLDG RESTORATION, REMOVE TILES, GROUT

SAFETY TOPICS PRESENTED

SAFETY TOPICS WET EQUIP, MUD, STAF, TUNNEL, DON'T RUN, TRUCKS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Spencer Johnson	ERRG	
Bug Bailey	ERRG	
[illegible]	ERRG	
Brian Karr	ERRG	
Fernando Loza	ERRG	
Boris [illegible]	"	
Adolfo Madrigal	ERRG	
[illegible]	ERRG	
Mike Bunzel	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: 9 Bldg Restoration

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/4/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	4/4/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Spencer Johnson	[signature]	4/4/13 0700
	King Bailey	[signature]	4-4-13 0700
	Paul Rodriguez	Paul Rodriguez	4-4-13 0700
	Brian Kerr	[signature]	4-4-13 0700
	Adolfo Madrigal	Adolfo M.	4/4/13 0700
	F. LOZA	[signature]	4/4/13 @ 700
	Enrique Martinez	[signature]	4-4-13 0700
	Bonin P	Bonin P	4/4/13 0700
	Mike Barbot	[signature]	4/4/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	4/4/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN, SNOW FLY, OVERCAST	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

BUILDING RESTORATION, GROUTING, REMOVING TOILETS IN BLDG. 159.

CLEARING BRUSH AROUND BLDG 159.

SITE HOUSEKEEPING & CLEANUP

CHECK STOCKPILES FOR PROPER BMPs

Signed: [signature] Date: 4/4/13

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	4/4/13	Meters not deployed, rain + showers.			

R Epp

SSHO

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 04/04/13

REPORT NO 098

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Inspected the foundation of Building 159 and documented the areas requiring repair. Removed the toilet fixtures from the interior of Building 159
	and sealed the waste pipe penetrations in the floor slab with grout. Sealed floor drains and sink drain pipes with grout. Removed vegetation
	and debris around the exterior of Building 159.
	Verified that the activities complied with the Building Foundation Inspection and Restoration 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.

Spencer Slominski — 04/04/13

AUTHORIZED QC MANAGER AT SITE — 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)

Building Foundation Inspection and Restoration

Date: 04/04/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**	**X**			
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**	**X**			
Have manufacturing instructions for the patching mortar been submitted and approved for use by the Contracting Officer prior to application? (03 30 00 Concrete, Sec 2.5)?	**Prep**	**X**			
Have the forms and reinforcement been inspected and approved before placing the concrete (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has approval been obtained prior to repairs to concrete due to extensive honeycomb including exposed steel reinforcement, cold joints, entrapped debris, separated aggregate, or other defects that affects serviceability or structural strength (03 30 00 Concrete, Sec 3.3)?	**Initial**				
Has a test section representative of the project been inspected and approved by the Contracting Officer prior to cleaning and sealing of the foundation cracks for the entire project (03 30 00 Concrete, Sec 3.8.4)?	**Initial**				
Is the concrete being delivered only when it is time for concrete placement (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Are concrete reinforcements of different sizes and shapes stored in separate piles or racks raised above the ground to avoid excessive rusting (03 30 00 Concrete, Sec 1.4)?	**Follow up**			**X**	
Is the cementitious patching mortar stored in a covered location free from moisture and protected from contaminants such as grease, oil, and dirt (03 30 00 Concrete, Sec 1.4)?	**Follow up**	**X**			
Are cracks between ¼-inch and ¾-inch in width in concrete building foundations and slabs sealed using patching mortar (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrete according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**			**X**	
Is the Contractor's mix design ACI 301 and have a minimum of 28-day compressive strength of 3,000 psi (03 30 00 Concrete, Sec 2.1.1)?	**Follow up**			**X**	
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**			**X**	
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**	**X**			Sealed pipe penetrations through slab with grout
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**			**X**	
Are aggregates in accordance with ASTM C 33 and obtained from one source for exposed concrete surfaces (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are aggregates free from any substance that may be deleteriously reactive with the alkalis in the cement (03 30 00 Concrete, Sec 2.3.2)?	**Follow up**			**X**	
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are premolded expansion joint fillers in accordance with ASTM D 1751 or ASTM D 1752 and 3/8-inch thick (03 30 00 Concrete, Sec 2.4.1)?	**Follow up**			**X**	
Has the surface been brought to grade and compacted in 6-in lifts to 95 % of maximum dry density as determined by ASTM D 1557 (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**			**X**	
Is concrete refrained from being placed when weather conditions prevented proper placement and consolidation; in uncovered areas during periods of precipitation; or in standing water prior to placing concrete (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**			**X**	
Is the concrete maintained in a moist condition and at a minimum temperature of 40 degrees F throughout the curing process in accordance with ACI 308 (03 30 00 Concrete, Sec 3.5)?	**Follow up**			**X**	
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints placed in the transverse direction instead of construction joints every 40 feet using joint filler conforming to ASTM D 1751 or ASTM D 1752, 3/8 inch thick (03 30 00 Concrete, Sec 3.6)?	**Follow up**			**X**	
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is joint filler placed with top edge ¼ inch below the surface and held in place with steel pins or other devices to prevent warping of the filler during floating or finishing (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Immediately after finishing operations were completed, are joint edges rounded with an edging tool having a radius of 1/8 inch and is concrete over the joint filler removed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
At the end of the curing period, were expansion joints cleaned and filled with joint sealant (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is concrete at the expansion joints allowed to surface dry while atmospheric and concrete temperatures are above 50 degrees F at the time of application of joint sealing material (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**			**X**	
Are contraction joints formed in the fresh concrete by cutting a groove in the top portion of the poured concrete to a depth of at least 1/8 inch using a jointer to cut the groove, or by sawing a groove in the hardened concrete with a power-driven saw, unless otherwise approved (03 30 00 Concrete, Sec 3.6.2)?	**Follow up**			**X**	
Are all voids left by formwork and site preparation backfilled to match surrounding grades and compacted with pneumatic tamper (03 30 00 Concrete, Sec 3.7)?	**Follow up**			**X**	
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	
Are concrete saws and pressure washing equipment used as necessary to provide adequate substrate for mechanical bonding (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Are all surfaces cleaned within 6 inches of repair area and kept clean throughout application (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**	**X**			
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Are cleaned containers free from debris and contaminants used for mixing and temporary storage before placement (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**	**X**			
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**			**X**	
Does galvanized woven wire mesh used to secure crawl space and foundation access have 1 inch by 1 inch maximum opening size, 75% maximum % opening, intercrimp weave construction type, galvanized material and 0.80 lbs/ft^2 minimum weight (32 31 26 Security, Sec 2.5)?	**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**	
Calibration					

QC Manager: Spencer Slominski	Date: 04/04/13

Photo 1: Building Foundation Inspection and Restoration – Bathroom sinks inside Building 159 to be left in place and have drains sealed with grout
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 4, 2013

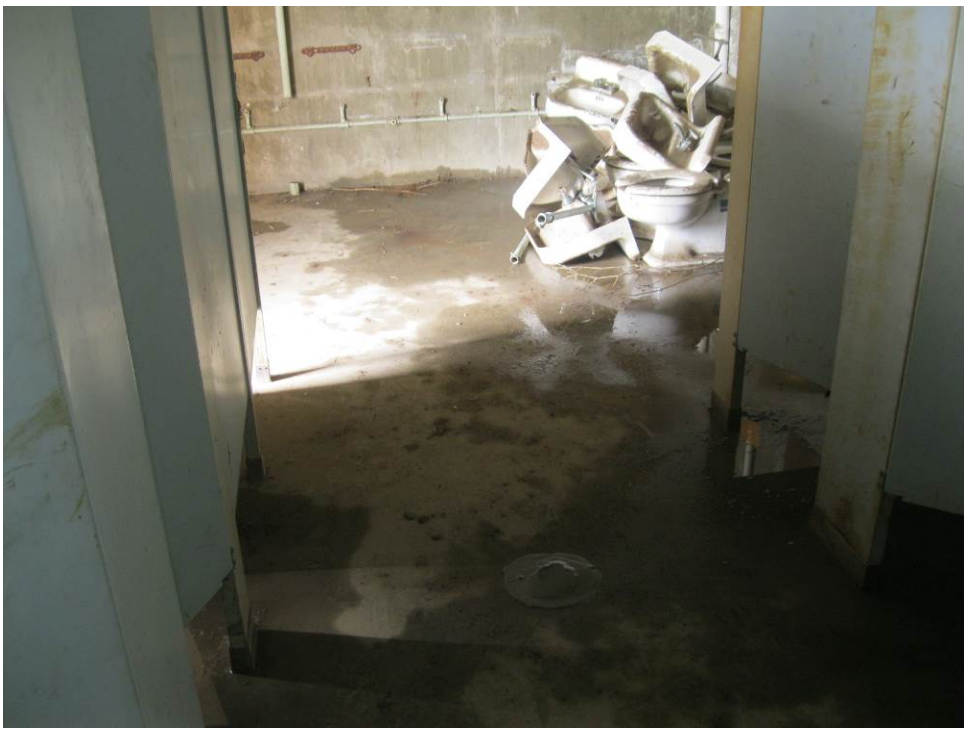


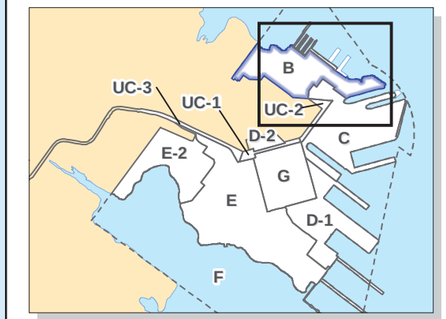
Photo 2: Building Foundation Inspection and Restoration – Sink and toilet fixtures removed from the bathrooms inside Building 159
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 4, 2013

Photo 3: Building Foundation Inspection and Restoration – Waste pipes in the floor of Building 159 sealed with grout

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 4, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 05/04/13	REPORT NO: 099
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: /Cold	PM WEATHER: Cloudy/Cool	MAX TEMP (F): 60	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation and tree removal	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Begin hill slope cut behind building 104, transport excavated material to the	ERRG	1	Project Manager	0
	stockpile area. Continue key in cuts along sidewalk on Galvez and along the	ERRG	1	QC Manager	10
	road on McCann, grade out slope to match existing contours.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	10
05	Crew trim tree at the southeast corner of building 115 to facilitate grading and	ERRG	4	Equipment Operators	26
	paving activities- tree to remain per Navy. Place removed limbs and branches	ERRG	6	Laborers	41
	into green waste bins.	ERRG	2	Truck Driver	13
		ERRG	1	Sample Tech	4

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: 122
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: 13,030.5
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: 13,152.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for excavation and tree removal, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	42 loads (~840CY) excavated material from behind building 104 transported to stockpile area.

James Nores 04/05/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	05/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	099 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	/Cold
PM WEATHER	Cloudy/Cool
MAX TEMP (F)	60
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	4

Schedule Activity No.	REMARKS

James Nores 04/05/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/5/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION, REMOVE VEGITATION + RUBBLE FROM HILLSIDE NEAR BLDG 104

SAFETY TOPICS PRESENTED

SAFETY TOPICS STIF, MUD, TRAFFIC, TENANTS, EQUIPMENT, HAULTRUCKS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
F. LOZA	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
[illegible]	ERRG	[signature]
Euripide Martinez	ERRG	[signature]
Boris Portillo	"	Boris P
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Joe Corriell	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: # 1 SITE PREP. 10 SOIL COVER PREP #12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/5/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	4/5/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	[signature]	[signature]	4-5-13 @ 0700
	Toney Green	[signature]	4-5-13 0700
	JEREMY AGUIAR	[signature]	4-5-13 0700
	F. LOZA	[signature]	4-5-13 0700
	Paul Ro Niegas	[signature]	4-5-13 0700
	Brian Kerr	[signature]	4-5-13 0700
	Jim Aguiar	[signature]	4-5-13 0700
	Adolfo Madrigal	[signature]	4/5/13 0700
	Enrique Martinez	[signature]	4-5-13 0700
	Boris Portillo	[signature]	4-5-13 0700
	Mike Babst	[signature]	4-5-13 0700
	Spencer Johnson	[signature]	4/5/13 0700

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: ____ of ____
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Downhill @ Galvez	4/5/13	0927	0.011	0.010	
Meter # 1161		1027	0.009	0.005	
		1121	0.004	0.005	
		1235	0.003	0.004	
		1334	0.004	0.004	
		1430	0.005	0.004	
WORK AREA McCrew @ Galvez, Meter # 1808	4/5/13	0930	0.003	0.006	
		1029	0.002	0.004	
		1123	0.003	0.006	
		1230	0.001	0.005	
		1331	0.010	0.005	
		1437	0.003	0.005	
DOWNWIND, Parcel B/C @ Bldg 123, #10973	4/5/13	0922	0.010	0.010	
		1025	0.017	0.028	
		1126	0.022	0.019	
		1237	0.020	0.019	
		1329	0.027	0.021	
		1440	0.049	0.023	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	4/5/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY	Page:	1 of 1
Site Visitors:	TRACER – MATHEW PENA		

Description of Field Activities:

EXCAVATION, CLEARING RUBBLE + VEGETATION, GRADING HILL SIDE BETWEEN GALVEZ, McCANN & BERRIO BLDG. 104.

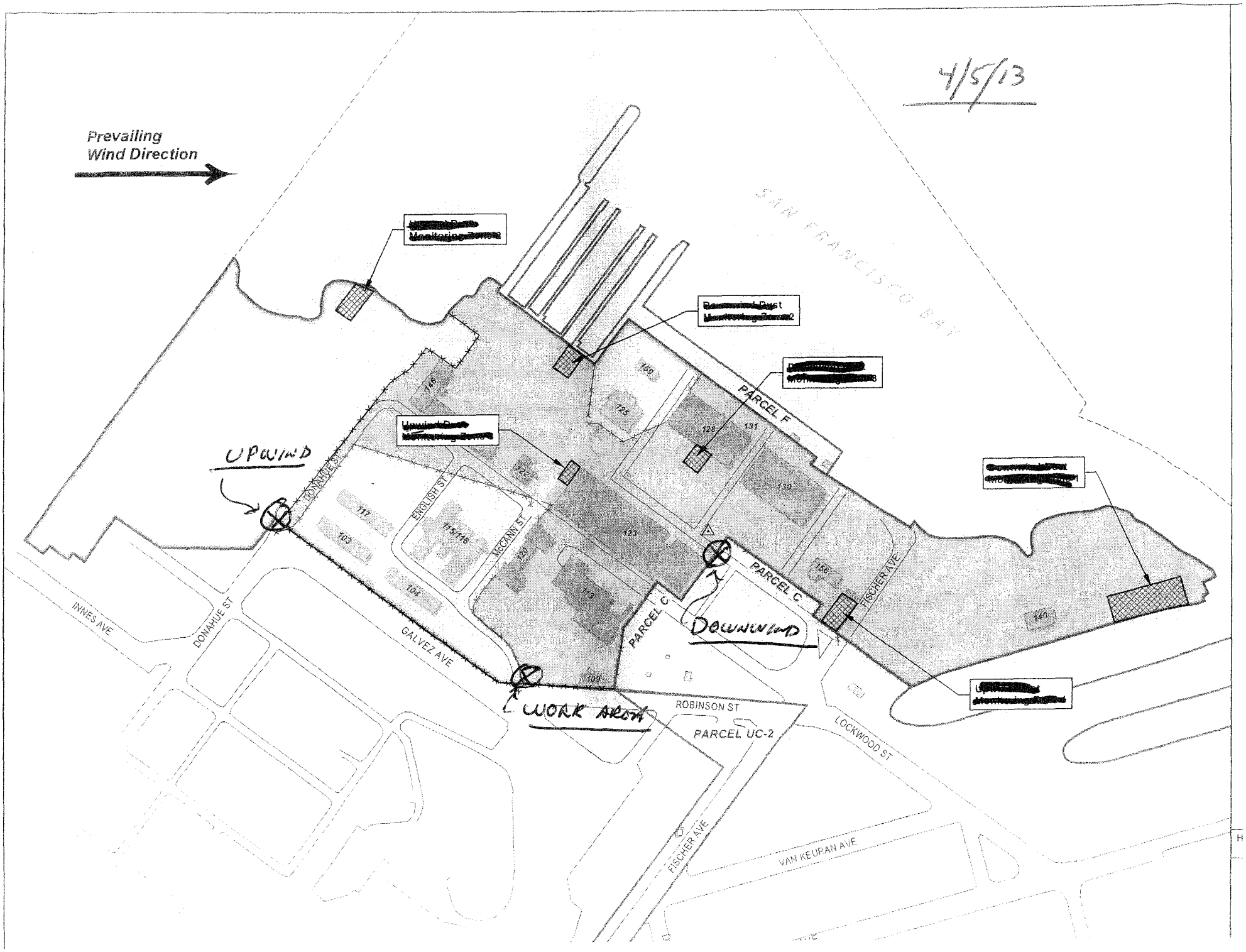
TRIM TREE @ BLDG 115, CLEAN OF VEGETATION FOR PAVING AREA.

CHECK + PLACE BMPs ON STOCKPILES.

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, SKID LOADER, BULLDOZER, WATER TRUCK, 2 KUBOTAS, END LOADER.

Signed: [signature] Date: 4/5/13

ERRG


4/5/13
Prevailing
Wind Direction
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
115/116
120
113
103
104
109
156
140

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 CAT HAUL TRUCK Identification Number: M15884

Project Number / Name: HPNS Rental ☒ ERRG ☐

Date: / Inspected By:	3-25-13 FL 3425.3			4-3-13 3432.5 FL			4-5-13 3437.8								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐
[illegible]	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐

...ment defect or damage and corrective actions taken. REAR LEFT TIRE DAMAGED, RIGHT SIDE TOP MIRROR BROKEN, FRONT RIGHT BUMPER DAMAGED

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: CAT HAUL TRUCK **Identification Number:** MIS 788

roject Number / Name: 2012 - 037 **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	BR 4-5- H 2887-1			MI 4-5 H 2889-9												
	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 alarm operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

.RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: CAT LOADER Identification Number:

roject Number / Name: H P Rental ☑ ERRG ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	4-5-13 H 4832 d															
	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	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: John Deere 650 Dozer Identification Number: YC3896

Project Number / Name: HPN54 SF Rental ☑ ERRG ☐

Date: / Inspected By:	3-25-13 325.2 jr			3-26-13 335.7 jr			4-2-13 342.4 jr			4-3-13 343.8 jr			4-5-13 350.1 jr		
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐

Equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 225 John Deere Identification Number: _____

Project Number / Name: 2012 - 037 Rental ☐ ERRG ☒

Date: Inspected By:	3/25 BP 1560.7			3/26 BP 1564.5			4/2 BP 1568.5			4/ BP 1574.5					
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐
[illegible]	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐

[illegible]ment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 310 BACK HOE **Identification Number:** TW10026

roject Number / Name: HPNS **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	5008															
	3-29-13 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?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
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	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

.RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 310 BACK HOE **Identification Number:** UT6D64

'roject Number / Name: HPHS **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	A.W 4/1/13 HR. 5010.4			4-4- 5011.4												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	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Skip Loader 210 **Identification Number:** FC6X94

roject Number / Name: HPNS **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects

Inspected By (Initials) And Date:	A.M. 4/1/13 HR 1400.0			A.M. 4/2/13 HR. 1402.4			A.M. 4/3/13 HR. 1405.2			A.M. 4/4/13 HR. 1411.4			A.M. 4/5/13 HR. 1413.5			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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: BOBCAT Identification Number: 259-03-0352

Project Number / Name: H-9 Rental ☑ ERRG ☐

Date: / Inspected By:	3-28 / 38817			4-1-13 / 390-2			4-2-13 / 39316								
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	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	✓			✓			✓								
[illegible]	✓			✓			✓								

[illegible]ipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Smooth Drum Roller Identification Number: 1232715

roject Number / Name: N54 HP SF Rental ☑ ERRG ☐

Inspected By (Initials) And Date:	4-2-13 JC 288.3			~~4-5-13 JC 350.1~~												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	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Kubota **Identification Number:** TW11078

Project Number / Name: 2012-037 HPNS **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	BL 4/1/13 868.2			KOS 4/2/13 868.9			4/3/13 871.0									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: Knocking - Drive in 2WD - slow

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KUBOTA **Identification Number:** TW11077

roject Number / Name: H P **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	4-1-13 5701 6			4-2-13 5714			3-3-13 5721			4-4-13 5742 FL			4-5 5759			
	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	✓			✓			✓			✓			✓			

xplain corrective actions taken:

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 05/04/13

REPORT NO 099

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Began excavation of the existing slope between Building 104 and Galvez Ave to prepare the subgrade for soil cover installation. Continued
	excavating a 2-foot deep key-in cut at the top of the slope along Galvez and along Ave and along the toe of the slope along McCann St.
	Continued grading the subgrade of the soil cover area between McCann St and Galvez Ave.
	Verified that the activities complied with the Soil 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.

Spencer Slominski — 04/05/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/05/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Continued excavation of slope between Bldg 104 and Galvez Ave
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/05/13

Photo 1: Soil Cover Installation – Excavation of the slope between Building 104 and Galvez Ave to prepare subgrade for the soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 5, 2013

Photo 2: Soil Cover Installation – Subgrade excavated to a depth of 2-feet along Galvez Ave

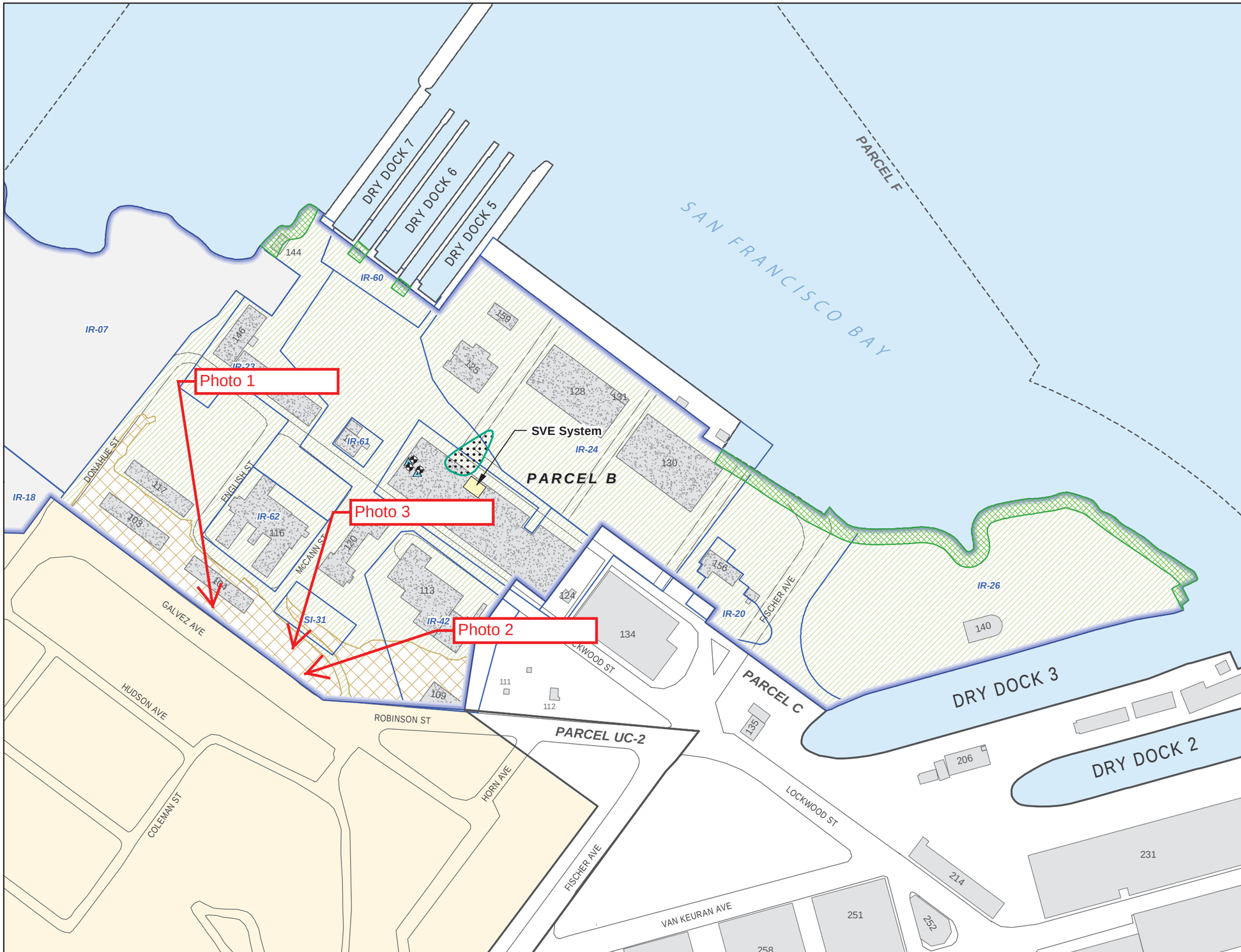
HPNS Parcel B Remedial Action, San Francisco, California

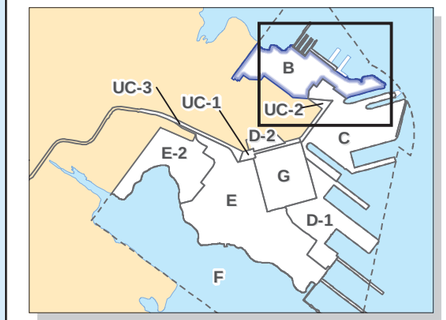
Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 5, 2013

Photo 3: Soil Cover Installation – Grading the subgrade in the soil cover area between McCann St and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 5, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	08/04/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	100		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cold/Windy	PM WEATHER	Cloudy/Cool
MAX TEMP (F)	60	MIN TEMP (F)	50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Continue hill slope cut behind building 104, transport excavated material to the	ERRG	1	Project Manager	0
	stockpile area. Continue key in cuts along sidewalk on Galvez and along the	ERRG	1	QC Manager	10
	road on McCann, grade out slope to match existing contours.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	0
05	Crew continue clearing vegetation from around the east side of building 115.	ERRG	3	Equipment Operators	21
		ERRG	7	Laborers	36
01	Crew set temp fence back up from around work area that blew over during	ERRG	3	Truck Driver	17
	high winds last night, and secured.				

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	13,152.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13,256.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation and tree removal, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	35 loads (~700CY) excavated material from behind building 104 transported to stockpile area.

James Nores 04/08/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	08/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	100 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cold/Windy
PM WEATHER	Cloudy/Cool
MAX TEMP (F)	60
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
04	ERRG	JD 644J loader	0
04	JS Cole	Cat 972 Loader	4

Schedule Activity No.	REMARKS

James Nores — 04/08/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/8/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION, REMOVING DEBRIS & VEGITATION, GRADING

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRAFFIC, MUD ON ROADWAYS, EQUIPMENT & TRUCKS - CLOSE QUARTERS, TOILETS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	
Brian Kent	ERRG	
[illegible]	[illegible]	
Adolfo Madrigal	ERRG	
JEREMY ADKINS	ERRG	
[illegible]	ERRG	
F-LOZA	ERRG	
[illegible]	[illegible]	
[illegible]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
Tony Green	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: # 10 SITE GRADING 12 SOIL COVER CONST.

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores JAMES		4/8/13 0700
Site Safety and Health Officer:	[redacted] R. EAP		4/8/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		4/8/13 0700
Employee(s):	Ray Baker		4-8-13 @ 0700
	Paul Rodriguez		4-8-13 0700
	Brian Kerr		4-8-13 0700
	Adolfo Madrigal	Adolfo M.	4/8/13 0700
	Jeremy Aguilar		4-8-13 0700
	Jim Aguilar		4-8-13 0700
	F. Loza		4-8-13 0700
	Boris P		4/8/13
	Enrique Martinez		4-8-13 0700
	Toney Green		4-8-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	4/8/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	WINDY, CLEAR SKIES	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

EXCAVATING, HAULING RUBBLE & SOIL TO STOCKPILE AND GRADING AREA BETWEEN McCANN, GALVEZ & BLDG. 104.

CLEARING VEGETATION FROM AREA AND GRADING ON EAST SIDE OF BLDG. 115

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, BULLDOZER, SKID LOADER, WATER TRUCK, 2 KUBOTAS.

Signed: [signature] Date: 4/8/13

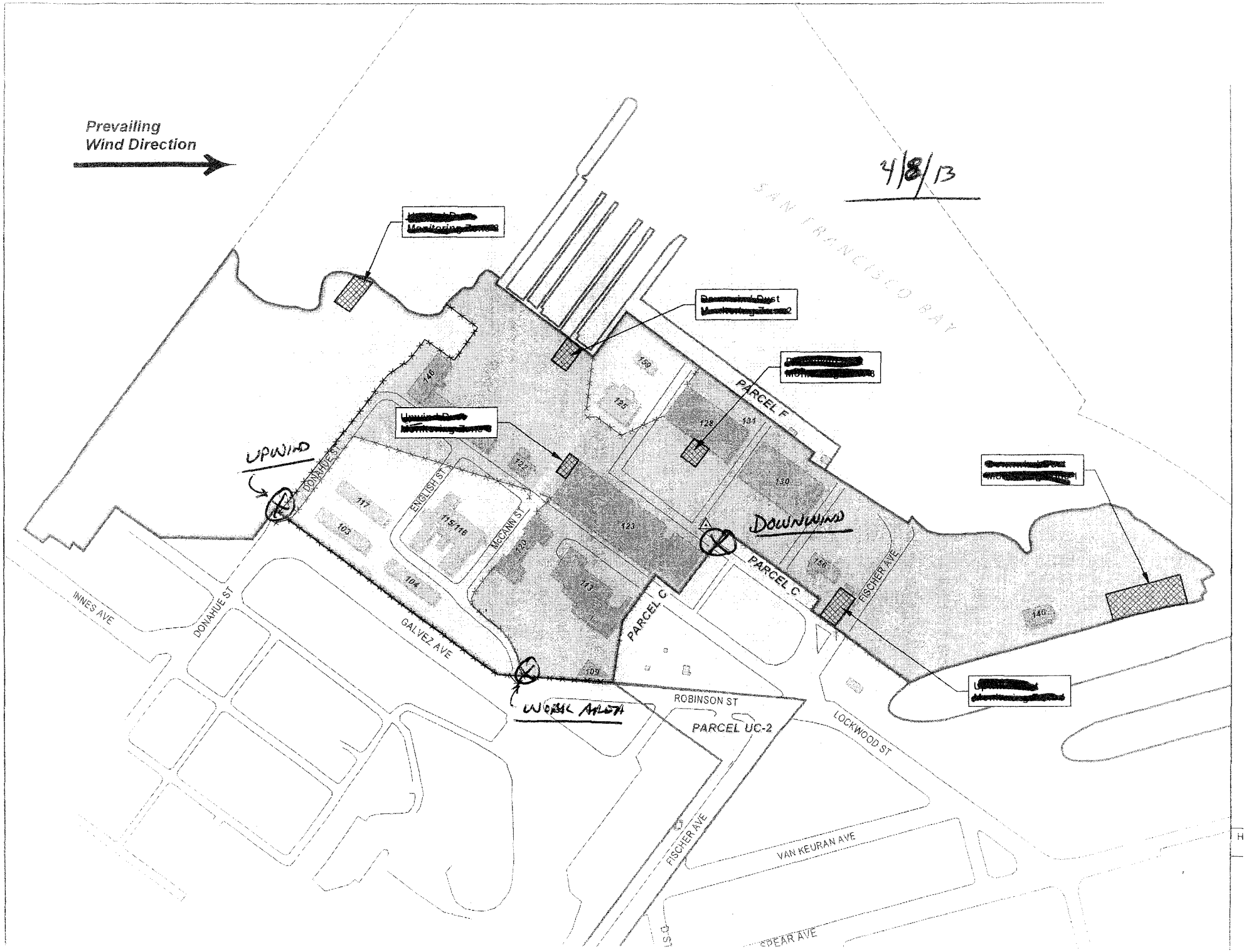
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue @ Gravez	4/8/13	0912	0.017	0.025	windy
Meter # 1161		1030	0.005	0.008	
		1142	0.007	0.007	
		1253	0.007	0.006	
		1359	0.008	0.007	
		1445	0.011	0.007	
WORK AREA McAnn @ Gravez	4/8/13	0912	0.048	0.053	windy
Meter # 1008		1033	0.020	0.019	
		1145	—	—	Dead
		1148	0.018	0.017	
		1255	0.013	0.013	
		1357	0.013	0.014	
		1447	0.031	0.017	
DOWNWIND Parcel B/C @	4/8/13	0915	0.045	0.043	windy
BCP; 123, Meter #10973		1028	0.054	0.030	
		1138	0.030	0.030	
		1259	0.044	0.031	
		1355	0.049	0.031	
		1450	0.046	0.032	



Prevailing
Wind Direction
4/8/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
FISCHER AVE
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 08/04/13

REPORT NO 100

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued excavation of the existing slope between Building 104 and Galvez Ave to prepare the subgrade for soil cover installation. Continued
	excavating a 2-foot deep key-in cut at the top of the slope along Galvez and along Ave and at the toe of the slope along McCann St.
	Continued grading the subgrade of the soil cover area between McCann St and Galvez Ave.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Cleared vegetation from the east side of the exterior of Building 115 to prepare the area for grading work.

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.

Spencer Slominski — AUTHORIZED QC MANAGER AT SITE

04/08/13 — 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)

Soil Cover Installation

Date: 04/08/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Continued excavation and grading of slope between McCann St and Galvez Ave
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/08/13

Photo 1: Soil Cover Installation – Excavation of the slope between Building 104 and Galvez Ave to prepare subgrade for the soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 8, 2013

Photo 2: Soil Cover Installation – Grading the subgrade on the slope between McCann St and Galvez Ave

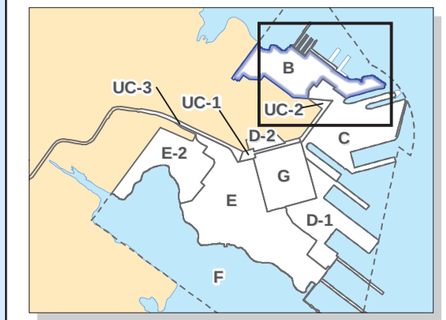
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 8, 2013

Photo 3: Asphalt Cover Installation – Vegetation cleared from the exterior of Building 115 to prepare the area for grading

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 8, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 09/04/13	REPORT NO: 101
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Pt Cloudy/mild	PM WEATHER: Sunny/Warm	MAX TEMP (F): 67	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Finish excavation on the slope south of Building 104 above McCann St. Shape	ERRG	1	Project Manager	0
	and compact slope sub grade and prepare to receive fill material.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew excavate below the HDPE pipe extending from the slope below McCann	ERRG	1	QC Staff	0
	St. to the swale, strip drain rock and fabric from swale to allow sub grade to dry	ERRG	4	Equipment Operators	28
	out and prep for paving.	ERRG	4	Laborers	26
		ERRG	3	Truck Driver	20
04	Crew loading and hauling fill material from Dry Dock 3 unloading area to the				
	prepared slope south of Building 104- Begin placing/compacting				

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: 106
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: 13,256.5
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: 13,362.5
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.
03	Tailgate safety briefing, AHA review for excavation and backfill, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	0
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	13 loads (~260CY) excavated material from behind building 104 transported to stockpile area.
	21 loads (~420cy) Fill material transported from Dry Dock 3 to slope above McCann St.
04	Weekly QC Meeting with Navy today

James Nores 04/09/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	09/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	101 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/mild
PM WEATHER	Sunny/Warm
MAX TEMP (F)	67
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Crew continue removing vegetation from around building 115 and preparing				
	sub grade for AB placement and compaction.				

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
04	ERRG	JD 650 dozer	8
04	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	4

Schedule Activity No.	REMARKS

James Nores 04/09/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/9/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK EXCAVATION, SOIL + RUBBLE REMOVAL; HAUL SOIL OVER, PLACE + COMPACT.

SAFETY TOPICS PRESENTED

SAFETY TOPICS STHF, TRAFFIC CONTROL, TOOLS, EQUIPMENT, TRUCKS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	
Toney Green	ERRG	
JEREMY AGUIAR	ERRG	
F. LOZA	ERRG	
Adolfo Malaught	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
Brian Kerr	ERRG	
Boris B	"	
ENRIQUE MARTINEZ	ERRG	
Spencer Johnson	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: # 10 SITE GRADING 12 SOIL COVER

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		4/9/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		4/9/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMANSKI		4/9/13 0700
Employee(s):	[illegible]		4-9-13 @ 0700
	Toney Green		4-9-13 700
	JEREMY AGUIAR		4-9-13 0700
	FERNANDO LOZA		4-9-13 0700
	Adolfo MAdrigal		4/9/13 0700
	Jim [illegible]		4-9-13 0700
	Paul Rodriguez		4-9-13 0700
	Brian Vera		4-9-13 0700
	Boris P.		4/9/13 0700
	ENRIQUE MARTINEZ		4-9-13 0700
	Spencer Johnson		4/9/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	4/9/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, SUNNY, WINDY	Page:	1 of 1
Site Visitors:	USN - PETER STROGANOFF, DOUG DECING, SHARING NG, ANDY VENTURA		

Description of Field Activities:

EXCAVATION, HAULING DEBRIS + GRADING SITE. NEAR BLDG 104, McCANN, + GALVEZ

HAULING SOIL COVER, PLACING + COMPACTING IN SAME AREA.

CLEARING VEGITATION AROUND BLDG 115/116 + GRADING SMOOTH.

EXCAVATION AROUND SLOPE DRAIN UNDER McCANN ROAD, EXCAVATION OF SURFACE DRAIN TRENCHES.

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, BULLDOZER, SKIP-LOADER, END LOADER, WATER TRUCK, 2 KUBOTAS.

Signed: [signature] Date: 4/9/13

ERRG

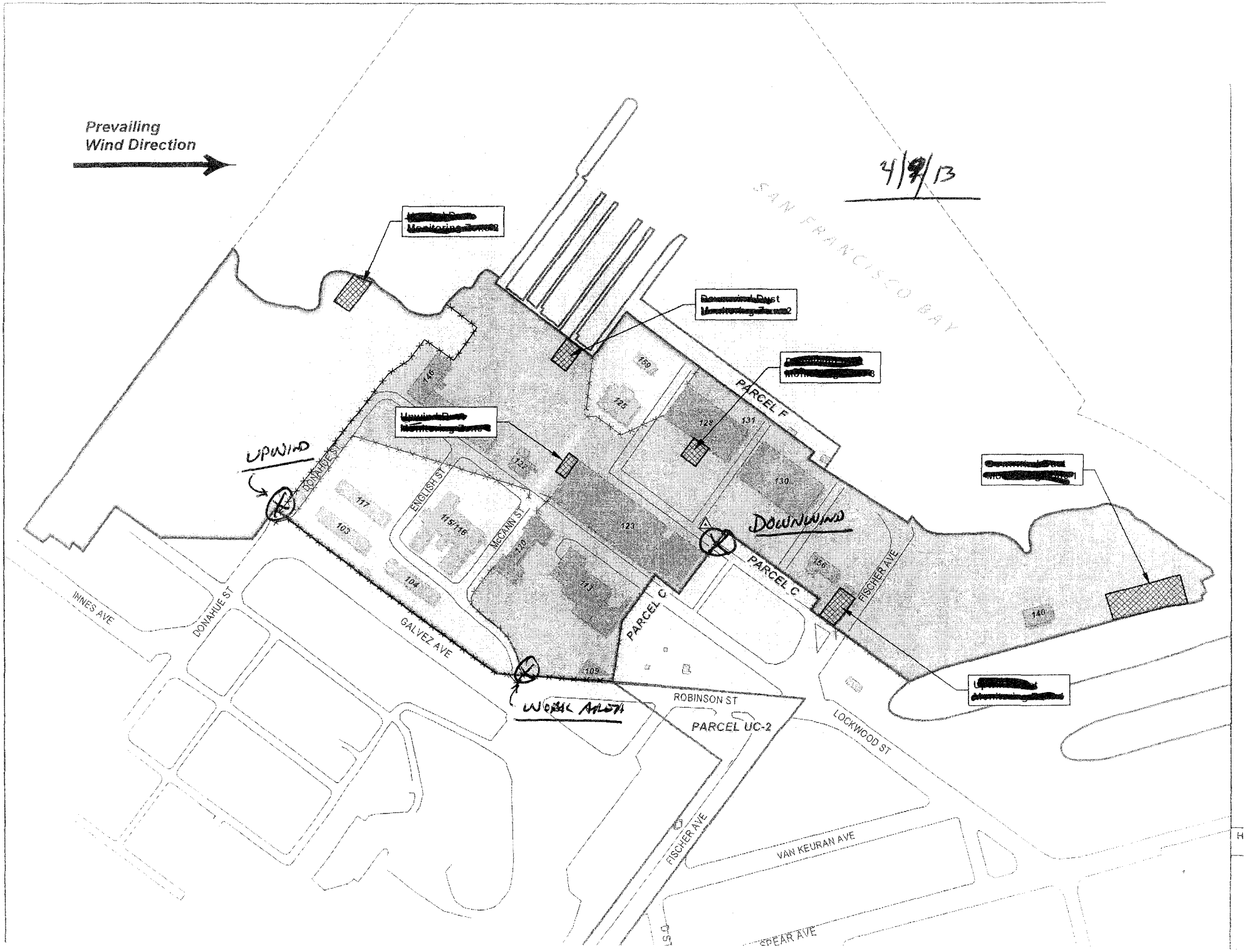
AIR MONITORING LOG SHEET

ERRG

Prepared By: Richard Epp
Project Name: Hunters Point Naval Shipyards
Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DONAHUE @ GANTZ	4/9/13	0736	0.012	0.013	
MODEL # 1161		0832	0.010	0.009	
		0921	0.011	0.009	
		1024	0.007	0.008	
		1117	0.009	0.008	
		1250	0.007	0.008	
		1412	0.008	0.008	
		1455	0.007	0.008	
WORK AREA MCCANN @	4/9/13	0730	0.020	0.052	
GANTZ / MODEL # 1008		0828	0.000	0.000	
		0924	0.000	0.000	
		1026	0.000	0.000	
		1120	0.000	0.002	
		1246	0.000	0.000	
		1408	0.000	0.000	
		1458	0.000	0.000	
DOWNWIND PARCEL B/C	4/9/13	0726	0.081	0.044	
BLDG 123 / MODEL # 10973		0824	0.048	0.025	
		0930	0.022	0.024	
		1028	0.035	0.025	
		1115	0.052	0.026	
		1243	0.075	0.025	
		1405	0.023	0.027	
		1503	0.020	0.026	



Prevailing
Wind Direction
4/9/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 09/04/13

REPORT NO 101

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Completed grading the subgrade for the soil cover between McCann St and Galvez Ave. Installed grade stakes on the slope to guide intallation
	of the soil cover to a 2-foot thickness. Began placing clean imported soil over the completed subgrade between McCann St and Galvez Ave.
	Excavated existing soil beneath the storm drain outfall on the north side of McCann St, and excavated drain rock from the drainage swale east
	of Building 120 to prepare for site grading. Verified that the activities complied with the Soil Cover Installation checklist.
05	Continued clearing vegetation from the exterior of Building 115 and Building 116 to prepare the area for grading work.

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
	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Andrew Uehisa, Shirley Ng), Navy BRAC PMO (Douglas Delong), ERRG QCM
	(Spencer Slominski), ERRG Superintendent (James Nores), ERRG SSHO (Richard Epp), and ERRG QC staff (Spencer Johnson).

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.

Spencer Slominski — 04/09/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/09/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			Completed excavation of slope between McCann St and Galvez Ave
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Set grade stakes on slope between McCann St and Galvez Ave to mark 2-foot thickness for soil cover
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/09/13

Photo 1: Soil Cover Installation – Grade stakes installed on completed subgrade between Building 104 and Galvez Ave to guide placement of the 2-foot thick soil cover
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 9, 2013

Photo 2: Soil Cover Installation – Grade stakes installed on completed subgrade between McCann St and Galvez Ave to guide placement of the 2-foot thick soil cover
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 9, 2013

Photo 3: Soil Cover Installation – Placement of clean imported soil on the slope between McCann St and Galvez Ave

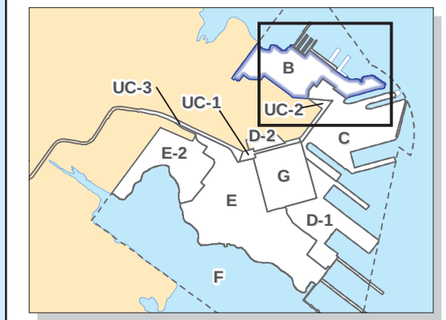
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 9, 2013

Photo 4: Soil Cover Installation – Existing soil removed from the swale below the storm drain outfall on the northeast side of McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 9, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 10/04/13	REPORT NO: 102
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Pt Cloudy/mild	PM WEATHER: Sunny/Warm	MAX TEMP (F): 74	MIN TEMP (F): 60

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew working on backfilling/compacting slope behind Building 104 and the slope	ERRG	1	Project Manager	0
	south of building 104 above McCann St.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew continue clearing vegetation from around building 116 and preparing	ERRG	1	QC Staff	10
	the area for sub-base placement and compaction for AC	ERRG	4	Equipment Operators	28
		ERRG	4	Laborers	24
01	Crew working on placing stockpiled keel blocks inside of building 156	ERRG	4	Truck Driver	25

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	115
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	13,362.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13,477.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation and backfill, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	4
04	ERRG	Ford 2000 gallon water truck	4
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	4
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	51 loads (~1020cy) Fill material transported from Dry Dock 3 to slope above McCann St.

James Nores — 04/10/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	10/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	102 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/mild
PM WEATHER	Sunny/Warm
MAX TEMP (F)	74
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
04	ERRG	JD 650 dozer	8
05	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8

Schedule Activity No.	REMARKS

James Nores 04/10/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/10/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL, PLACE + COMPACT SOIL COVER, SITE GRADING, STORING KEEL BLOCKS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, TRAFFIC CONTROL, TRUCKS, EQUIPMENT, TENANTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Bing Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
BRIAN KERR	ERRG	[signature]
[illegible]	[illegible]	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
F. LOZA	ERRG	[signature]
Jim Denina	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Boris P.	"	Boris P.
Spencer Johnson	ERRG	[signature]
Spencer Slomingli	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 MOB & SITE PREP #10 SOIL COVER 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		4/10/13
Site Safety and Health Officer:	[redacted] R. EAP		4/10/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		4/10/13 0700
Employee(s):			4-10-13 @ 0700
	Tony Green		4-10-13 0700
	JEREMY ROJIAR		4-10-13 0700
	Brian Kerr		4-10-13 0700
	Paul Rodriguez		4-10-13 0700
	Adolfo Rodriguez		4/10/13 0700
	F. LOZA		4/10/13 0700
	Jim Aguirre		4-10-13 0700
	ENRIQUE MARTINEZ		4-10-13 0700
	Boris Portillo		4/10/13 0700
	Spencer Johnson		4/10/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	4/10/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, SUNNY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

HAULING, PLACING + COMPACTING COVER SOIL IN McCANN, GALVEZ, BLDG. 104 HILLSIDE AREA.

CLEARING VEGITATION ON WEST SIDE OF BLDG. 116

STACKING KEEL BLOCKS IN BLDG. 156

EQUIPMENT: EXCAVATOR, 2-OFF ROAD DUMP TRUCKS, BULLDOZER, END LOADER, SKIPLOADER, 2 WATER TRUCKS, 2 KUBOTAS, FORKLIFT.

Signed: [signature] Date: 4/10/13

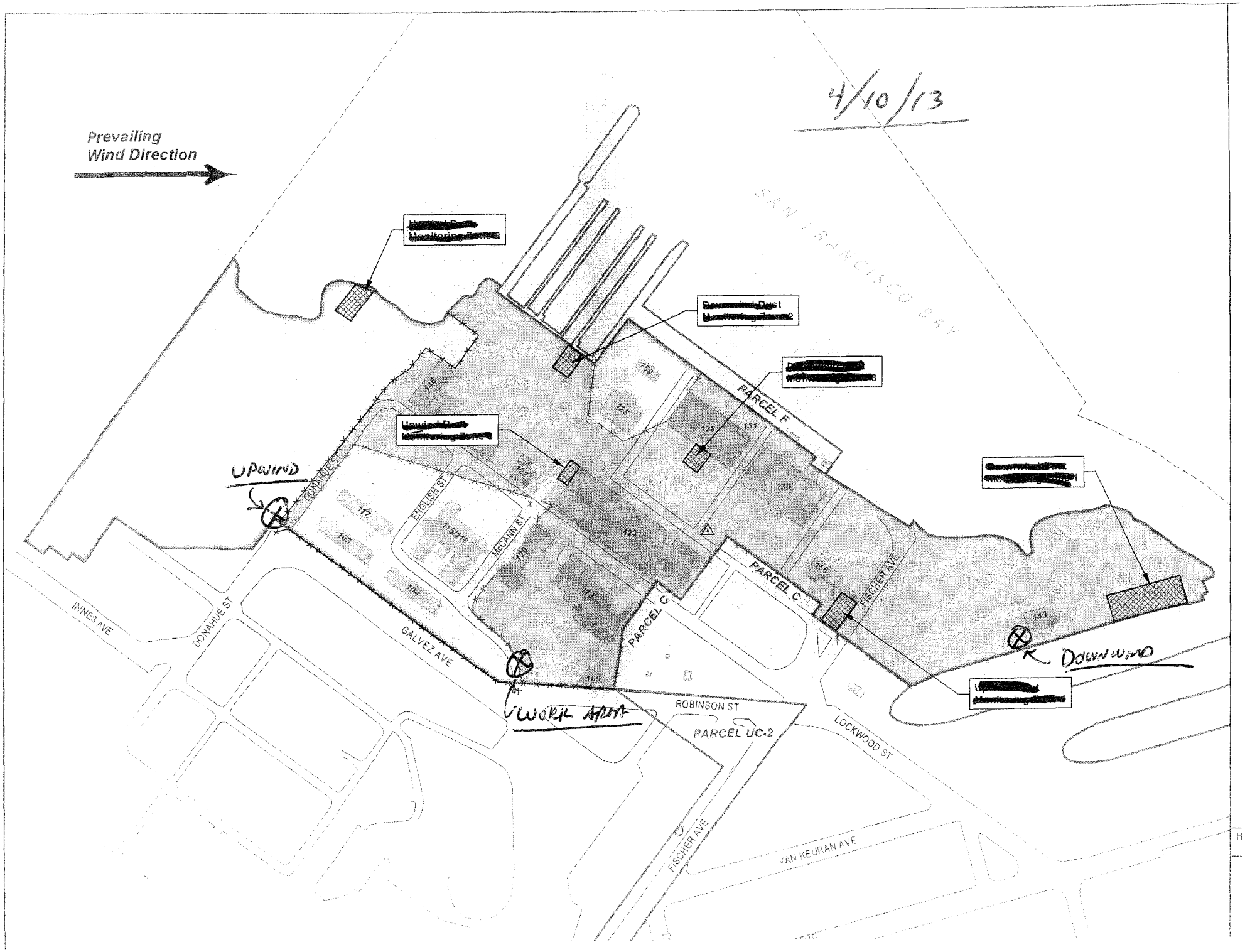
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Site Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Address:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Downwind @ Gauge Motor # 1161	4/10/13	0731	0.000	0.000	
		0838	0.000	0.000	
		0923	0.000	0.000	
		1048	0.000	0.000	
		1126	0.000	0.000	
		1303	0.000	0.000	
		1407	0.006	0.000	
		1455	0.000	0.000	
WORK AREA McCaine Gauge / Motor # 1008	4/10/13	0725	0.023	0.029	
		0840	0.016	0.027	
		0927	0.018	0.023	
		1053	0.015	0.019	
		1128	0.028	0.019	
		1305	0.021	0.020	
		1410	0.031	0.022	
		1458	0.030	0.024	
Downwind DD #3 @ Pumphouse / Motor # 10973	4/10/13	0721	0.045	0.044	
		0845	0.050	0.047	
		0932	0.040	0.042	
		1058	0.050	0.039	
		1132	0.040	0.039	
		1309	0.040	0.040	
		1404	0.053	0.042	
		1502	0.048	0.044	


4/10/13
Prevailing
Wind Direction
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 10/04/13

REPORT NO 101

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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
01	Continued moving keel blocks from the pile outside Building 123 into Building 156 for storage.
04	Continued placing and compacting clean imported soil on the slope between McCann St and Galvez Ave and the slope between Building 104
	and Galvez Ave to construct the soil cover.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Continued clearing vegetation from the exterior of Building 115 and Building 116 to prepare the area for grading work.

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.

Spencer Slominski — 04/10/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/10/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, and 3/14 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued placing soil cover on slope between McCann St and Galvez Ave, and between Bldg 104 and Galvez Ave
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, and 3/14 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/10/13

Photo 1: Soil Cover Installation – Placement of clean imported fill on the slope between McCann St and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 10, 2013

Photo 2: Soil Cover Installation – Placement of clean imported soil on the slope between Building 104 and Galvez Ave

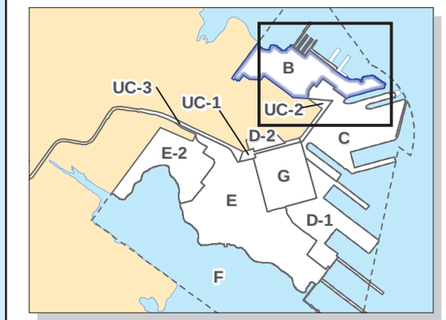
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 10, 2013

Photo 3: Mobilization and Site Preparation – Transporting keel blocks into Building 156 for storage

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 10, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	11/04/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	103		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/mild	PM WEATHER	Sunny/Warm
MAX TEMP (F)	70	MIN TEMP (F)	60

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/Backfill	ERRG	1	Superintendent	12
		ERRG	1	Construction Manager	0
04	Crew working on backfilling/compacting slope behind Building 104 and the slope	ERRG	1	Project Manager	0
	south of building 104 above McCann St.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew continue clearing vegetation from around buildings 116 and 104 preparing	ERRG	1	QC Staff	14
	the areas for sub-base placement and compaction for AC	ERRG	5	Equipment Operators	36
		ERRG	5	Laborers	39
07	Tech on site to sample installed wells in the poly lactate area.	ERRG	3	Truck Driver	13
		ERRG	1	Sample Tech	8
		Jericho	4	Barge unloading Crew	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	172
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	13,477.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13,649.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation and backfill, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	8
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	15 loads (~300cy) Fill material transported from Dry Dock 3 to slope above McCann St.
04	1822 tons Fill material by barge
04	Michael Hochstoeger from Lennar came by today and requested that some keel blocks be saved for their welcome center- John Sourial informed him that the request would have to be
	routed through the City and Navy and they need to direct us to move any for them.

James Nores 04/11/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	11/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	103 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/mild
PM WEATHER	Sunny/Warm
MAX TEMP (F)	70
MIN TEMP (F)	60

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Jericho on site to unload last barge of import fill material.				

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
04	ERRG	JD 650 dozer	8
05	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8

Schedule Activity No.	REMARKS

James Nores 04/11/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/11/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL, PLACE + COMPACT SOIL COVER; STORE KEEL BLOCKS; HAUL COVER SOIL AWAY FROM BARGE UNLOADING AREA, REMOVE VEGITATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRAFFIC CONTROL, TRUCKS, TENANTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Mike Bailey	ERRG	
Tony Green	ERRG	
JEREMY ADUAN	ERRG	
F. LOZA	ERRG	
Adolfo Rodriguez	ERRG	
Paul Rodriguez	ERRG	
Enrique Martinez	ERRG	
Jim Denian	ERRG	
Brian Ocerr	ERRG	
Sapio	"	
J. Capech	ERRG	
Spencer Johnson	ERRG	
Pallmasso	ERRG	
Sparky Sigmonsh	ERRG	
Travis Stewart	ERRG	
Harry Morgan	"	
Jimmy Walker	"	
Carl Silvi	"	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

#1 MOB + SITE PREP

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#6 IMPORT SOIL COVER BY BARGE

2012-037

Project #: [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 10 SITE GRADING

#12 SOIL COVER

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		4/11/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		4/11/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		4/11/13 0700
Employee(s):			4-11-13 @ 0700
	Tony Green		4-11-13 0700
	JEREMY AUVIAN		4-11-13 0700
	F. LOZA		4-11-13 0700
	Adolfo Madrigal		4/11/13 0700
	Paul Rodriguez		4-11-13 0700
	ENRIQUE MARTINEZ		4-11-13 0700
	Jim Aguirre		4-11-13 0700
	Brian Kerr		4-11-13 0700
	Boris		4/11/13 0700
	Joe Correia		4/11/13 0700
	Spencer Johnson		4/11/13 0700
	B. Lombardo		4-11-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	4/11/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR TO PARTLY CLOUDY	Page:	1 of 1
Site Visitors:	~~[illegible]~~ LANKAU - J. HOUNSWAGUE		

Description of Field Activities:

HAULING, PLACING + COMPACTING SOIL COVER IN AREA BOUNDED BY McCANN + GALVEZ STS. + SOUTH SIDE OF B.104.

UNLOADING BARGE OF SOIL COVER MATERIAL IN DRY DOCK # 3.

CLEARING VEGETATION AROUND BLDG. 104 + 116.

FOAM FILLED CONDUIT PENETRATIONS IN BLDG. 122

TESTING MONITORING WELLS THAT WERE POLYLACTATE INJECTED.

EQUIPMENT: EXCAVATOR, OFFROAD DUMP TRUCK, END LOADER, BULLDOZER, SKIP LOADER, 2 WATER TRUCKS, 2 KUBOTAS.

Signed: [signature] Date: 4/11/13

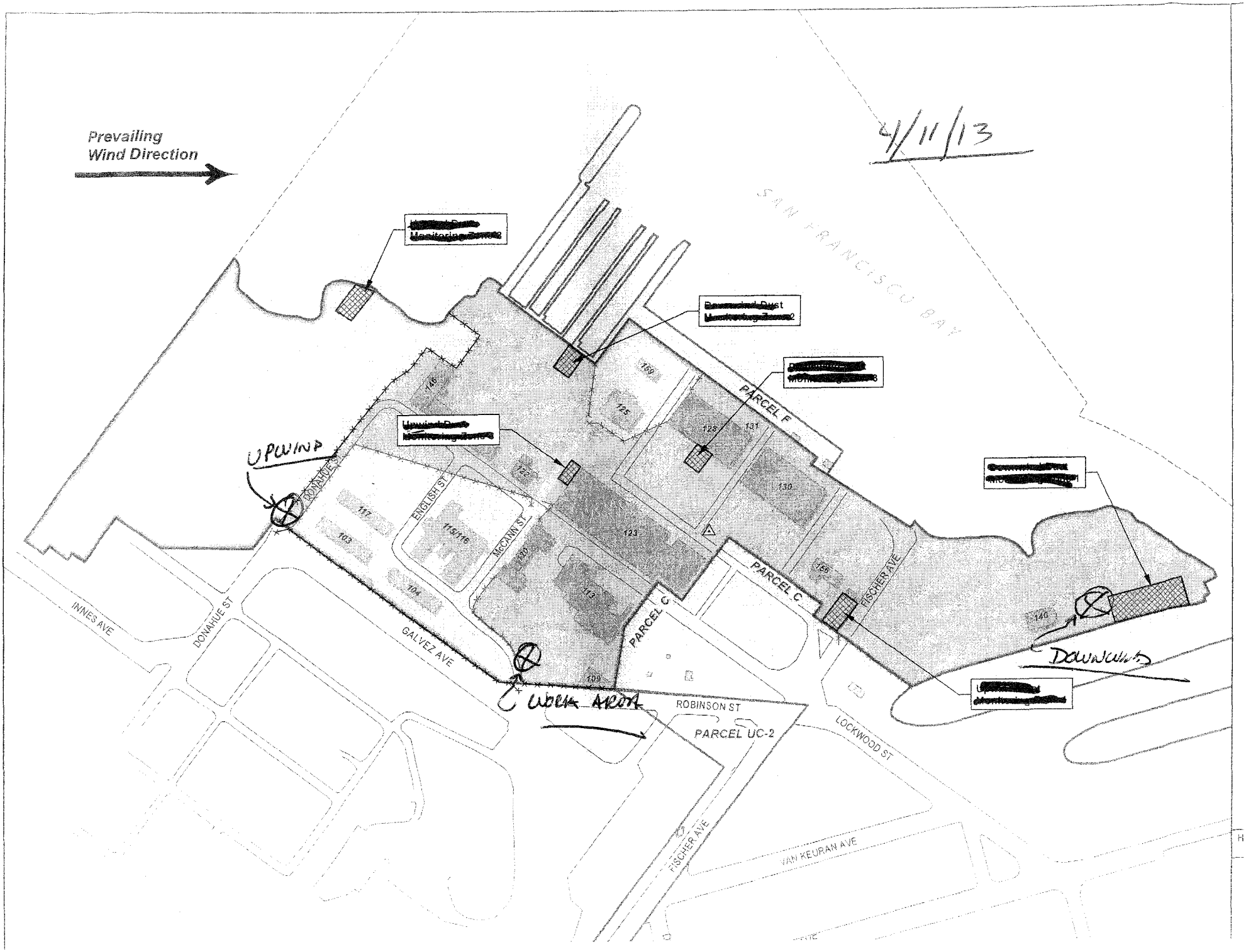
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Project Site:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	4/11/13 0730-45	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue @ Gate Motor # 1161	4/11/13	0725	0.023	0.021	
		0822	0.017	0.018	
		0930	0.012	0.017	
		1041	0.010	0.014	
		1311	0.020	0.014	
		1415	0.006	0.015	
		1501	0.011	0.014	
WORK AREA McCann @ Gate / Motor # 1008	4/11/13	0731	0.024	0.023	
		0826	0.021	0.022	
		0932	0.016	0.021	
		1037	0.013	0.018	
		1321	0.043	0.018	
		1411	0.043	0.029	
		1503	0.039	0.018	
DOWNWIND DD #3 @ Pump House / Motor # 10973	4/11/13	0741	0.015	0.014	
		0831	0.024	0.024	
		1044	0.032	0.024	
		1316	0.041	0.028	
		1415	0.029	0.029	
		1511	0.031	0.029	



Prevailing
Wind Direction
4/11/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 11/04/13

REPORT NO 103

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Imported clean cover soil by barge and stockpiled the soil adjacent to Dry Dock 3 (see Contractor Production Report for soil quantity).
	Continued placing and compacting clean imported soil on the slope between McCann St and Galvez Ave and the slope between Building 104
	and Galvez Ave to construct the soil cover. Excavated key trench at the toe of the slope southeast of Building 104 and backfilled with clean
	imported soil. Verified that the activities complied with the Soil Cover Installation checklist.
05	Continued clearing vegetation from the exterior of Building 116 and Building 104 to prepare the area for grading work.
07	Collected post-injection groundwater samples from the monitoring wells in the polylactate injection 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.

Spencer Slominski — 04/11/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/11/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Continued placing soil cover on slope between McCann St and Galvez Ave, and between Bldg 104 and Galvez Ave
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/11/13

Photo 1: Soil Cover Installation – Offloading clean imported soil from delivery barge at Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 11, 2013

Photo 2: Soil Cover Installation – Placement of clean imported soil on the slope between Building McCann St and Galvez Ave

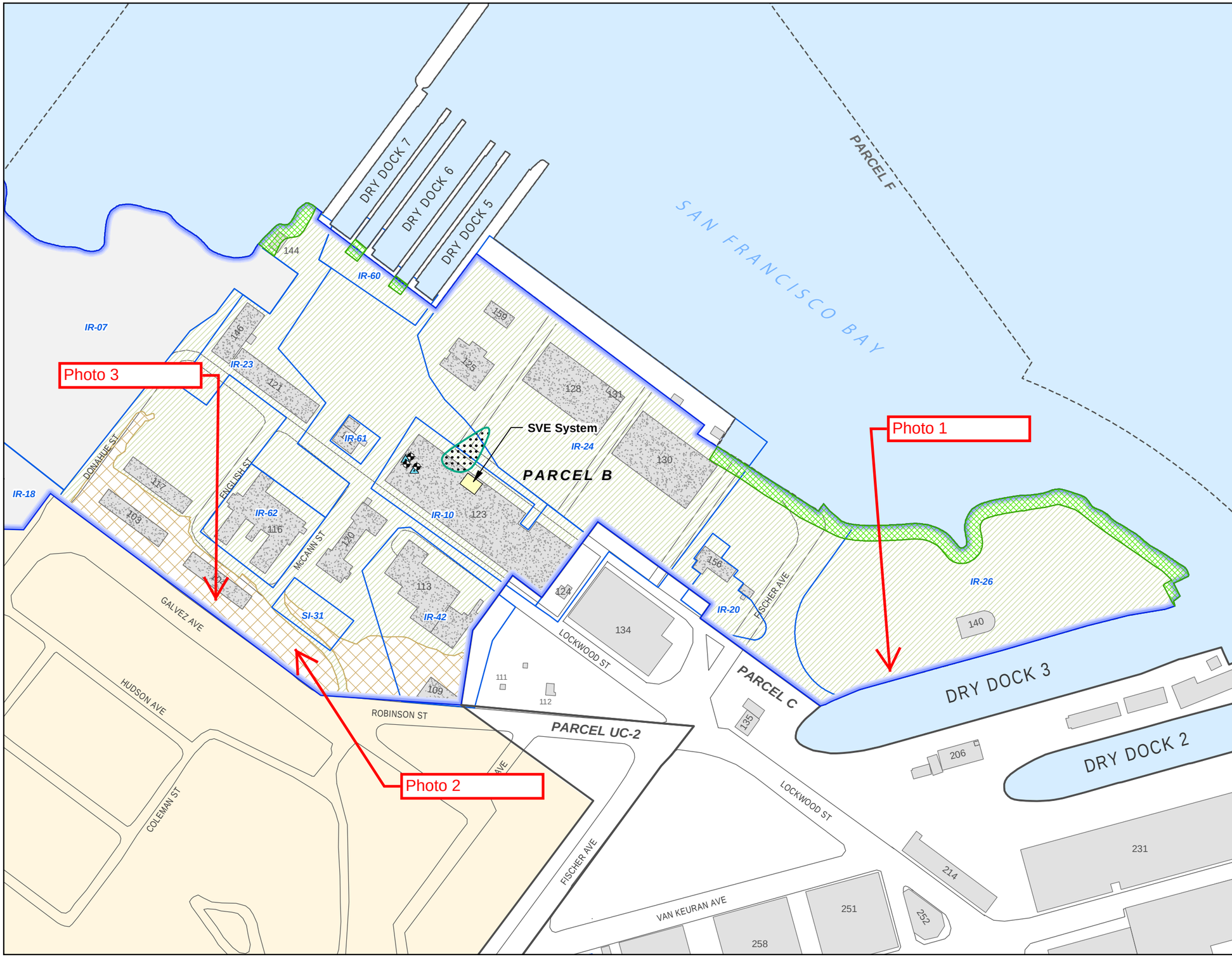
HPNS Parcel B Remedial Action, San Francisco, California

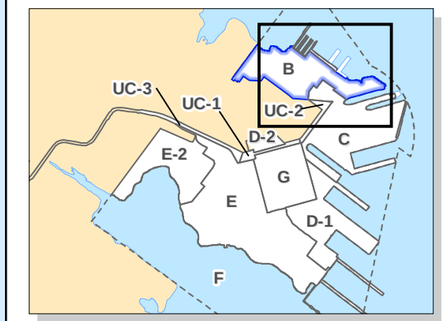
Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 11, 2013

Photo 3: Soil Cover Installation – Placement of clean imported soil on the slope between Building 104 and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 11, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- Existing Building (130)
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	12/04/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	104		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/mild	PM WEATHER	Sunny/Warm
MAX TEMP (F)	70	MIN TEMP (F)	60

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for excavation/Backfill	ERRG	1	Superintendent	5
		ERRG	1	Construction Manager	0
04	Crew working on backfilling/compacting slope behind Building 104 and the slope	ERRG	1	Project Manager	0
	south of building 104 above McCann St.	ERRG	1	QC Manager	5
		ERRG	1	H&S Officer	8
01	Continue moving keel blocks into building 156	ERRG	1	QC Staff	10
		ERRG	5	Equipment Operators	36
01	Prepare haul road to the point adjacent to dry dock 3 for stockpile off-haul on	ERRG	5	Laborers	28
	Monday.	ERRG	3	Truck Driver	12
		ERRG	1	Sample Tech	8
07	Tech on site to continue testing SVE wells in the poly lactate area				

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	13,649.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13,761.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation and backfill, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	8
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	37 loads (~740cy) Fill material transported from Dry Dock 3 to slope above McCann St.

James Nores 04/12/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	12/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	104 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/mild
PM WEATHER	Sunny/Warm
MAX TEMP (F)	70
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
04	ERRG	JD 650 dozer	8
01	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8

Schedule Activity No.	REMARKS

James Nores 04/12/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/12/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL, PLACE + COMPACT COVER, CLEAR VEGITATION, STACK KEEL BLOCKS. House Keeping Around site

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRUCKS, TRAFFIC, TENANTS + PETS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Greg Bailey	ERRG	[signature]
D. Lundgren	ERRG	[signature]
Brian Kerr	ERRG	[signature]
F. Loza	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
JEREMY AGUIAR	ERRG	[signature]
[illegible]	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Spencer Slamish	ERRG	[signature]
Boris P		Boris Powell
Spencer Johnson	ERRG	[signature]
J. Correll	ERRG	[signature]
[illegible]	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

#1 SITE PREP

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

2012-037

Project #: [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

10 SOIL COVER

AHA #: 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/12/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	4/12/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	4/12/13 0700
Employee(s):	Kirby Bailey	[signature]	4-12-13 @ 0700
	B. Lumasco	[signature]	4-12-13 @ 0700
	Brian Kerr	[signature]	4-12-13 0700
	F. LOZA	[signature]	4-12-13 0700
	Adolfo Madrigal	Adolfo M.	4/12/13 0700
	JEREMY AGUIAR	[signature]	4-12-13 0700
	Paul Rodriguez	[signature]	4-12-13 0700
	Jim Aguiar	[signature]	4-12-13 0700
	ENRIQUE MARTINEZ	[signature]	4-12-13 0700
	Boris Portillo	[signature]	4/12/13 0700
	Spencer Johnson	[signature]	4/12/13 0700
	Joe Grech	[signature]	4/12/13 0730

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	4/12/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WARM	Page:	1 of 1
Site Visitors:	M. HOCHSTOEGER - LENNAR		

Description of Field Activities:

HAUL, PLACE + COMPACT SOIL COVER ON INSIDE BOUNDED BY MC CANN + GALVEZ ST, BLDG. 109.

STORE KEEL BLOCKS IN BLDG 156

FIX HAUL ROADS IN PREP FOR NORTH WOODS SPILL PILE RELOCATIONS

TESTING SVE SYSTEM WELLS

EQUIPMENT - BULLDOZER, 2 - OFF ROAD DUMP TRUCKS, 2 WATER TRUCKS, GND LOADER, SKIP LOADER, 2 KUBOTAS

Signed: [signature] Date:

ERRG

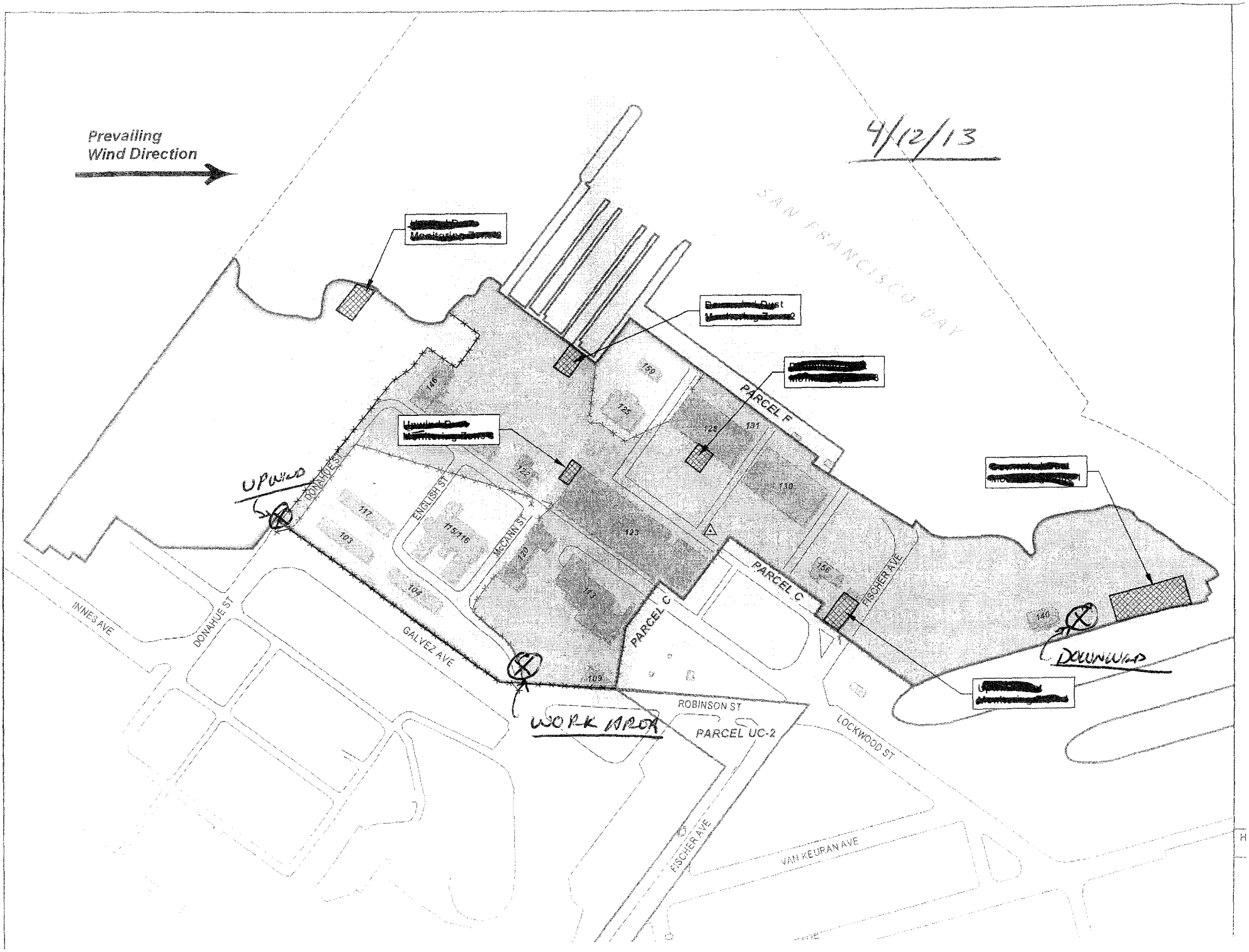
AIR MONITORING LOG SHEET

ERRG

Operator Name: Richard Epp
Project Name: Hunters Point Naval Shipyards
Project Number: Parcel B
Calibration (Date and Time): 4/11/13

Client: US Navy
Project No.: 2012-037
Page: ____ of ____
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue @ Galvez Model # 1161	4/12/13	0720	0.040	0.039	
		0820	0.036	0.044	
		0913	0.027	0.038	
		1044	0.024	0.033	
		1247	0.021	0.029	
		1450	0.019	0.025	
WORK AREA McCann @ Galvez / Model # 1008	4/12/13	0722	0.045	0.044	
		0822	0.045	0.052	
		0915	0.029	0.045	
		1046	0.026	0.039	
		1307	0.046	0.036	
		1453	0.030	0.034	
DOWNWIND DD #3 PUMP HOUSE / Model # 10773	4/12/13	0726	0.042	0.042	
		0826	0.038	0.041	
		0931	0.033	0.039	
		1051	0.040	0.041	
		1311	0.037	0.040	
		1457	0.051	0.039	



Prevailing
Wind Direction
4/12/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
159
125
128
131
130
146
122
117
103
115/116
120
123
104
113
109
156
140

.RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Cat Haul truck **Identification Number:** H15788

roject Number / Name: 2012-037 **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	BK 4/8/13 2894.5			4/9/13 2899.9 BK			4/10/13 2904.4 BK			4/11/13 2911.1 BK			BK 4/12/13 2914.9			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?	☒	☐	☐	☒	☐	☐	☒	☒	☐	☐	☒	☐	☐	☒	☐	small chips on driver's side window
Gauges operative?	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

xplain corrective actions taken: Fuel gauge does not work

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 225 Excavator **Identification Number:**

Project Number / Name: 2012-037 **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	BP 4/8 1581.4			BP 4/9 1588.2			JN 4/10 1591			BP 4/11 1594						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 LOADER **Identification Number:**

Project Number / Name: MID **Rental** ☑ **ERRG** ☐

Heavy Equipment Defects

Inspected By (Initials) And Date:	KIKI 4-9-13 HOR 4833.6			KIKI 4-10-13 HOR 4836.6			KIKI 4-11-13 HOR 4843.2			KIKI 4-12-13 4849.8						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

quipment Type: John Deere 650 Dozer **Identification Number:** YC3896

roject Number / Name: HPN54 SF **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	4-8-13 YC 356.9			4-9-13 YC 364.1			4-10-13 YC 371.1			4-11-13 YC 3[illegible]			4-12-13 YC 385.0			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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Skip Loader 210 Deere **Identification Number:** F-6x94

roject Number / Name: 2012 037 **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	A.M. 4/8/13 HR. 1420.0			A.M. 4/9/13 HR. 1426.5			A.M. 4/10/13 HR. 1433.5			A.M. 4/11/13 HR. 1440.7			A.M. 4/12/13 HR. 1447.6			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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: WATER TRUK **Identification Number:** CA 153951

roject Number / Name: H P **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	4-8-13 HOR 2336.6			4-9-13 HOR 2339.6			4-10-13 2540.7			4-11-13 2552-0			4-12-13 2553.6			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	✓			✓			✓			✓			✓			driver side back light is out pump leaks some body damage
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	✓			✓			✓			✓			✓			

xplain corrective actions taken: Let Lowen know driver side back up light out pump leaks

.RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: H2O Truck **Identification Number:** 7V03957

roject Number / Name: HPNSY PB **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	HR 25306 4/1/13 PR			6053.0 4-2-13 PR			2539.8 4/3/13 PR			4-5-13 Kiki HR 4361						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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

xplain corrective actions taken: One back up light is out on Left side

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: FORD WATER TRUCK **Identification Number:** _____

roject Number / Name: H P **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	4-10-13 HOR51193,1			4/11 BP			4/12 5120 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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken: _____

.RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KUBOTA **Identification Number:** TW 11078

roject Number / Name: HPNS, PARCEL B **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	[illegible] 4/4/13 872.9			4/5/13 [illegible] 874.1			4/8/13 [illegible] 876.7			4/9/13 [illegible] 878.4			4/10/13 [illegible] 880.6			
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KUBOTA Identification Number: TW1077

roject Number / Name: H P Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	4-8-13 5776			4-9-13 5783.			4-10-13 5794.			4-11-13 5799			4-12-13 5812			
	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 LEFT LIGHT OUT!
Steering and other controls	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	
Brakes	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	

xplain corrective actions taken:

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 12/04/13

REPORT NO 104

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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
01	Continued moving keel blocks from the area outside Building 123 into Building 156 for storage.
04	Completed placing and compacting clean imported soil on the slope between McCann St and Galvez Ave and the slope between Building 104
	and Galvez Ave to construct the soil cover to a 2-foot thickness. Performed finish grading of the soil cover installed on the slope between
	Building 104, McCann St, and Galvez Ave.
	Verified that the activities complied with the Soil Cover Installation checklist.
07	Collected post-injection groundwater samples from the monitoring wells in the polylactate injection 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.

Spencer Slominski — 04/12/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/12/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, and 3/14 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/12/13

Photo 1: Soil Cover Installation – Placement and compaction of clean imported soil on the slope between McCann St and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 12, 2013

Photo 2: Soil Cover Installation – 2-foot thick layer of clean imported soil installed on the slope between McCann St and Galvez Ave

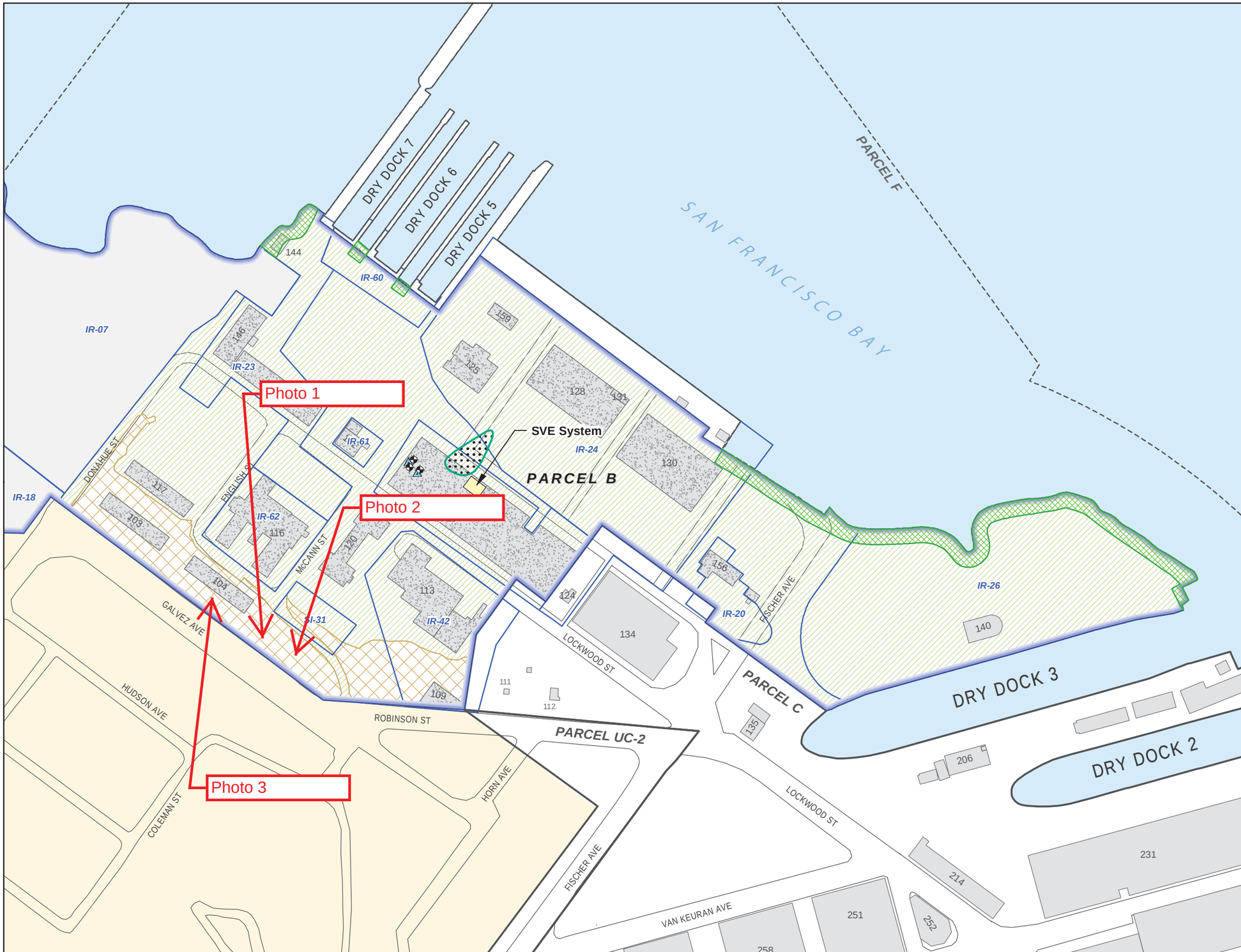
HPNS Parcel B Remedial Action, San Francisco, California

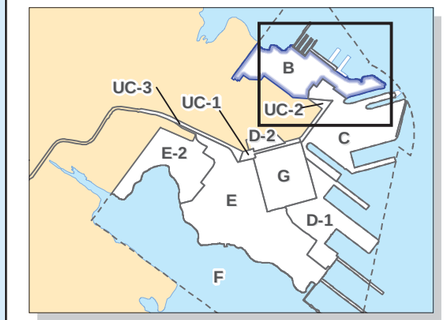
Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 12, 2013

Photo 3: Soil Cover Installation – 2-foot thick layer of clean imported soil installed on the slope between Building 104 and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 12, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/04/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	105		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool	PM WEATHER	Windy/Cool
MAX TEMP (F)	63	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Crew finish track walking slope south of 104 above McCann St.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	0
01	Crew continue moving keel blocks into building 156- main stockpile east of	ERRG	1	H&S Officer	8
	building 156 complete- few remaining at various locations around Parcel B	ERRG	1	QC Staff	20
		ERRG	6	Equipment Operators	39
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	4	Laborers	25
	end dumps in the loop.	ERRG	2	Truck Driver	16
		Kevin Lawson Trucking	5	End Dump Drivers	42.5

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	164.5
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	13,761.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	13,926

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load outl, equipment inspections performed daily.

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	8
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	80 loads (~1440cy) of stockpiled material moved to the D-1 triangle
04	Naomi Bernardo from the BAAQMD on site today, brought up issue of a complaint about diesel fumes from the generator powering the upwind air monitor. QC Staff informed ERRG
	PM John Sourial who in turn informed Navy RPM.

James Nores 04/15/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	105 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool
PM WEATHER	Windy/Cool
MAX TEMP (F)	63
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
04	ERRG	JD 650 dozer	8
01	ERRG	JD 210 Skip Loader	4
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8

Schedule Activity No.	REMARKS

James Nores 04/15/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/15/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK MOVING STOCKPILES OFF SITE, KEEL BLOCKS

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, SPEED, HAUL ROADS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Adolfo Madrigal	ERRG	Adolfo M.
Tonay Green	ERRG	
Kim Bailey	ERRG	
Phodrique	ERRG	
Brian Vert	ERRG	
Jeremy Aguilar	ERRG	
F. Loza	ERRG	
Jim Aguilar	ERRG	
Enrique Portillo	ERRG	
Mike Bobat	ERRG	
Spencer Johnson	ERRG	
Pedro Brito Corona	ERRG	
Sam Torres	Torres Tran.	
Ed Cordero	EDMAR	
Joseph Tagatac	JRMAR	
Erlinda	HONOY	
[illegible]	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: 1 Site Preparation

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		4/15/13
Site Safety and Health Officer:	[redacted] R. EPP		4/15/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Slomiński		
Employee(s):	Adolfo Madrigal		4/15/13 0700
	Tony Green		4-15-13 700
	Greg Bailey		4-15-13 700
	I Rodriguez		4-15-13 700
	Jeremy Aguiar		4-15-13 0700
	Brian Kerr		4-15-13 0700
	F. Loza		4-15-13 0700
	Jim Aguiar		4-15-13 0700
	Enrique Martinez		4-15-13 0700
	Mike Barbat		4-15-13 0700
	Spencer Johnson		4/15/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	4/15/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WINDY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

HAULING SPOIL PILES OFF SITE IN END DUMP TRUCKS TO AREA D-1.

STORING KEEL BLOCKS IN BLDG. 156

HAUL ROAD MAINTENANCE & SITE CLEANUP.

FILLING COMPACTING + GRADING HILLSIDE AREA

NAOMI BORNARDO, AQMD INSPECTOR ON SITE.

EQUIPMENT: 5 END DUMP TRUCKS, EXCAVATOR, END LOADER, BULLDOZER, 2 WATER TRUCKS, SKIP LOADER, 2 KUBOTAS

Signed: [signature] Date: 4/15/13

ERRG

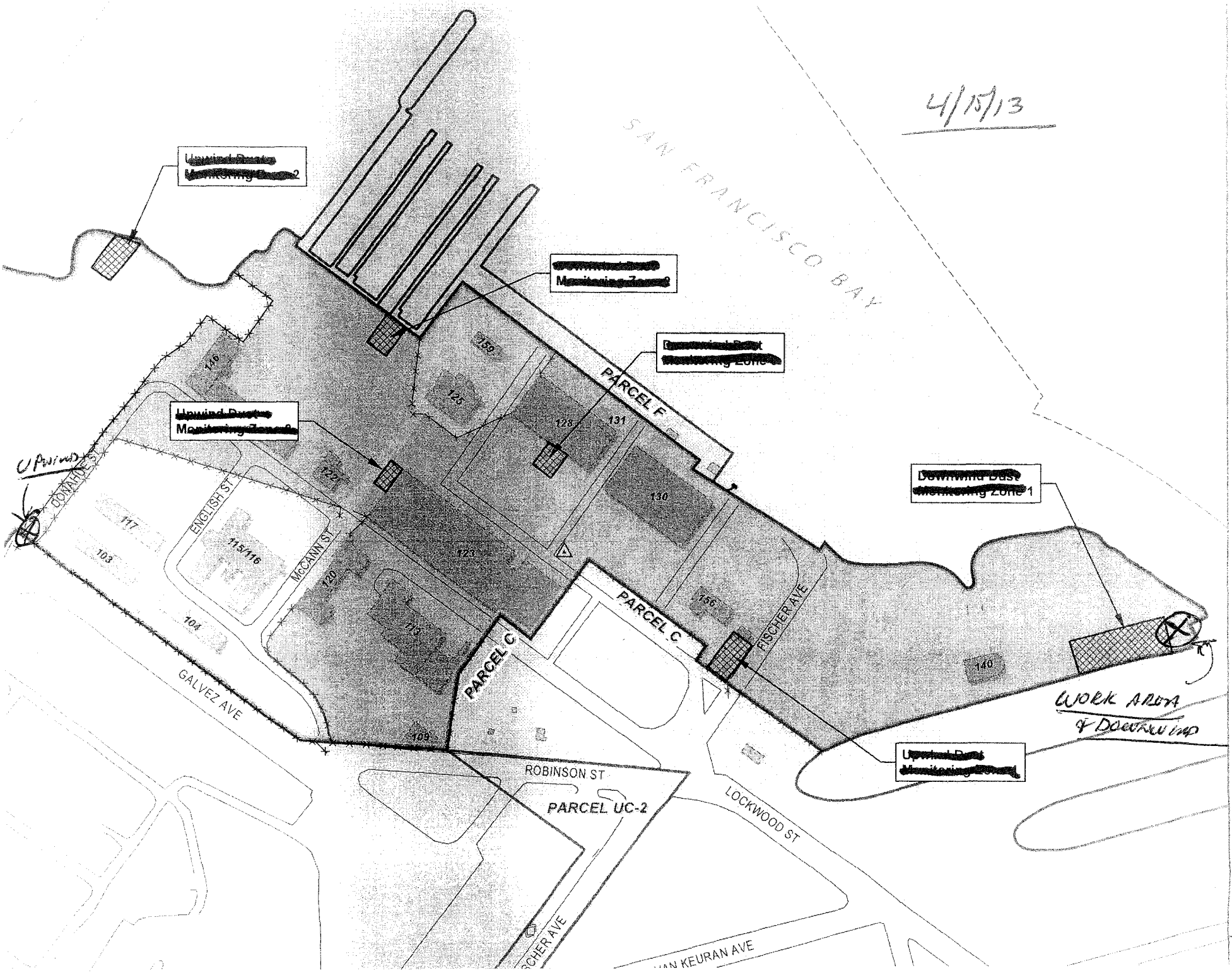
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: 1 of 1
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Downwind @ Gate	4/15/13	0754	0.008	0.014	
Monitor # 1161		0843	0.014	0.007	
		1005	0.003	0.005	
		1102	0.004	0.005	
		1235	0.008	0.005	
		1341	0.009	0.015	
		1443	0.011	0.006	
WORKAREA Downwind	4/15/13	0759	0.050	0.061	Source location, stock
Monitor # 10973		0920	0.044	0.015	pile by DD#3 point.
		1009	0.007	0.011	
		1105	0.006	0.010	
		1240	0.015	0.011	
		1345	0.023	0.024	Wind blow off into
					dirt. Shut-off


4/15/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
WORK AREA
& DOWNWIND
146
159
125
128
131
130
122
123
120
113
109
156
140
117
103
115/116
104

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 15/04/13

REPORT NO 105

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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
01	Continued moving keel blocks from the area outside Building 123 into Building 156 for storage.
04	Began loading out waste soil from the stockpile northeast of Building 140 and transporting to new stockpile location in Parcel D-1.
	Performed finish grading of the soil cover installed on the slope between Building 104 and McCann St.
	Verified that the activities complied with the Soil 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
04	Site inspection conducted by Naomi Bernardo (Bay Area Air Quality Management District); Ms. Bernardo informed ERRG that a community
	member had complained about exhaust fumes from the generator used to power the upwind air monitoring station located at the corner of
	Donahue St and Galvez Ave.

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.

Spencer Slominski — 04/15/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/15/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/15/13

Photo 1: Soil Cover Installation – Loading waste soil into trucks for transport to new stockpile location in Parcel D-1

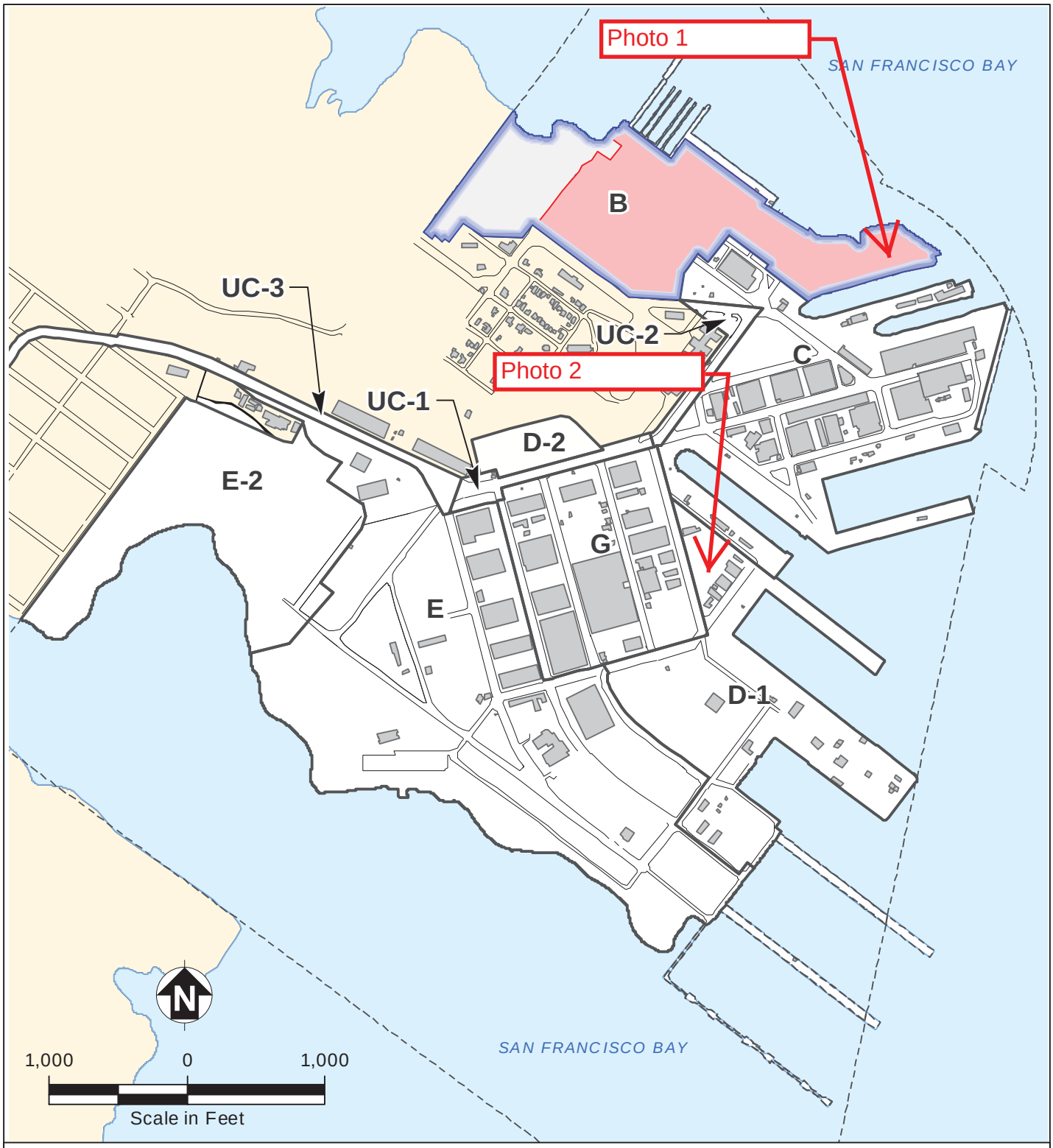
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 15, 2013

Photo 2: Mobilization and Site Preparation –Stockpiling waste soil at new location at the north end of Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 15, 2013



LEGEND:

- Parcel B (Excluding Installation Restoration Sites 7 and 18)
- Parcel B
- Installation Restoration Sites 7 and 18
- Parcel F Boundary
- Other Parcel Boundary
- Non-Navy Property
- Building
- Road

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 2

PARCEL MAP

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Parcel Map.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	16/04/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	106		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool	PM WEATHER	Breezy/Mild
MAX TEMP (F)	63	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
01	Finish moving keel blocks into building 156.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	0
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	H&S Officer	8
	end dumps in the loop.	ERRG	1	QC Staff	20
		ERRG	4	Equipment Operators	28
		ERRG	4	Laborers	26
		ERRG	2	Truck Driver	12
		Kevin Lawson Trucking	5	End Dump Drivers	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	146
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	13,926
TOTAL WORK HOURS FROM START OF CONSTRUCTION	14,072

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
04		JD 350 Excavator

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	8
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	8
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	82 loads (~1476cy) of stockpiled material moved to the D-1 triangle
04	Weekly QC Meeting with Navy and ERRG QC, H&S and Supervisory Staff

James Nores 04/16/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 16/04/13
		REPORT NO: 106 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Breezy/Mild	63	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
04	ERRG	JD 650 dozer	0
01	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	

Schedule Activity No.	REMARKS

James Nores — 04/16/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/16/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK MOVING SPOIL PILES OFF SITE TO AREA D-1

SAFETY TOPICS PRESENTED

SAFETY TOPICS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
Adolfo Madalgal	ERRG	Adolfo M.
F. LOZA	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Paul Rodriguez	[illegible]	[signature]
JIM AGUIAR	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Eduardo Malabeal	ERRG	[signature]
PEDRO ANDO [illegible]	ERRG	[signature]
JOSEPH TAGATAC	JOMAR	[signature]
ED CORDERO	EDMAR	[signature]
Sam Torres	Torres Transport	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: 1 Site Prep.

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/16/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	4/16/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Kenny Bailey	[signature]	4-16-13 @ 0700
	Tony Green	[signature]	4-16-13 0700
	Adolfo Madrigal	Adolfo M.	4/16/13 0700
	F. LOZA	[signature]	4/16/13 0700
	Paul Rodriguez	[signature]	4/16/13 0700
	Jim Aguiar	[signature]	9-16-13 0700
	JEREMY AGUIAR	[signature]	9-16-13 - 0700
	ENRIQUE MARTINEZ	[signature]	4-16-13 0700
	Spencer Johnson	[signature]	4/16/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	4/16/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	[redacted] PETER STROGANOFF, DOUG DELONG, ANDY VINSON - USN		

Description of Field Activities:

LOADING SPOIL FROM PILE AT D.D. #3, NORTH OF PUMPHOUSE AND HAULING TO AREA IN D1 BY END DUMPS.

STORING KEEL BLOCKS.

LOADING GREENWASTE INTO HAUL-OFF CONTAINERS.

SITE CLEANUP

HAUL ROAD MAINTENANCE AND SWEEPING.

EQUIPMENT - 2 EXCAVATORS, END LOADER, BULLDOZER, 5 END DUMP TRUCKS, SKIPLOADER, BACKHOE, FORKLIFT, 2 WATER TANKS, SWEEPER, 2 KUBOTAS.

Signed: [signature] Date:

ERRG

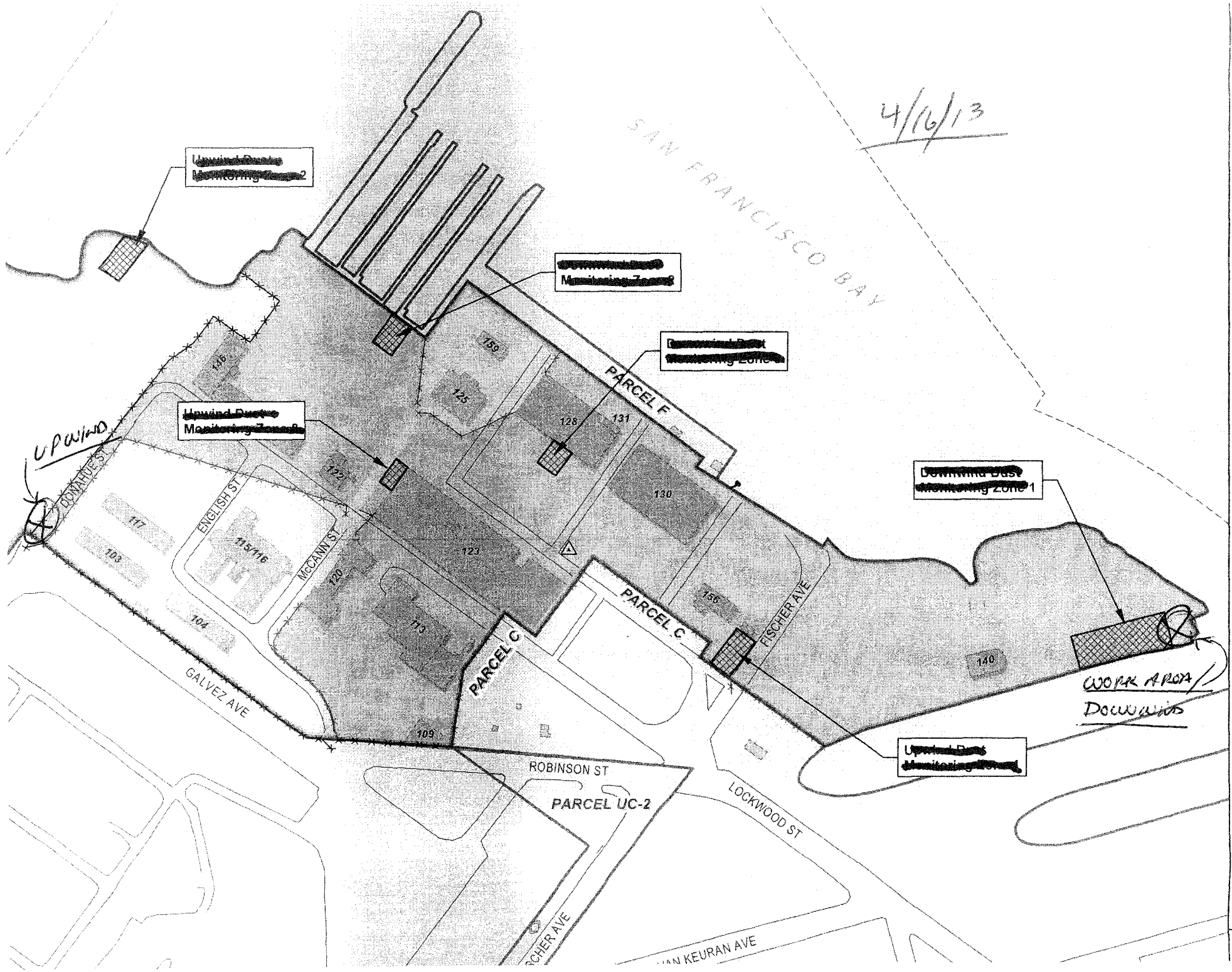
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWWD Donahue + Gruver	4/16/13	0743	0.021	0.053	
Meter # 1161		0838	0.021	0.016	
		0926	0.007	0.014	
		1026	0.021	0.012	
		1210	0.008	0.010	
		1338	0.009	0.010	
		1442	0.010	0.010	
Work Area / Downwind	4/16/13	0753	0.031	0.043	
DD #3 @ Shipyard		0842	0.025	0.033	
Motor # 10973		0930	0.017	0.028	
		1045	0.023	0.025	
		1213	0.017	0.024	
		1341	0.025	0.027	
		1446	0.025	0.029	


4/16/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
WORK AREA/
DOWNWIND
159
125
146
128
131
130
122
123
117
103
115/116
120
104
113
156
140
109
Hunte

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 16/04/13

REPORT NO 106

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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
01	Finished moving keel blocks from the area outside Building 123 into Building 156 for storage.
04	Continued loading out waste soil from the stockpile northeast of Building 140 and transporting to new stockpile location in Parcel D-1.
	Performed maintenance of truck haul roads, street sweeping, and dust control.
	Verified that the activities complied with the Soil 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.

Spencer Slominski — 04/16/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/16/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/16/13

Photo 1: Soil Cover Installation – Loading waste soil into trucks for transport to new stockpile location in Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 16, 2013

Photo 2: Soil Cover Installation – Placing waste soil in new stockpile located at the north end of Parcel D-1

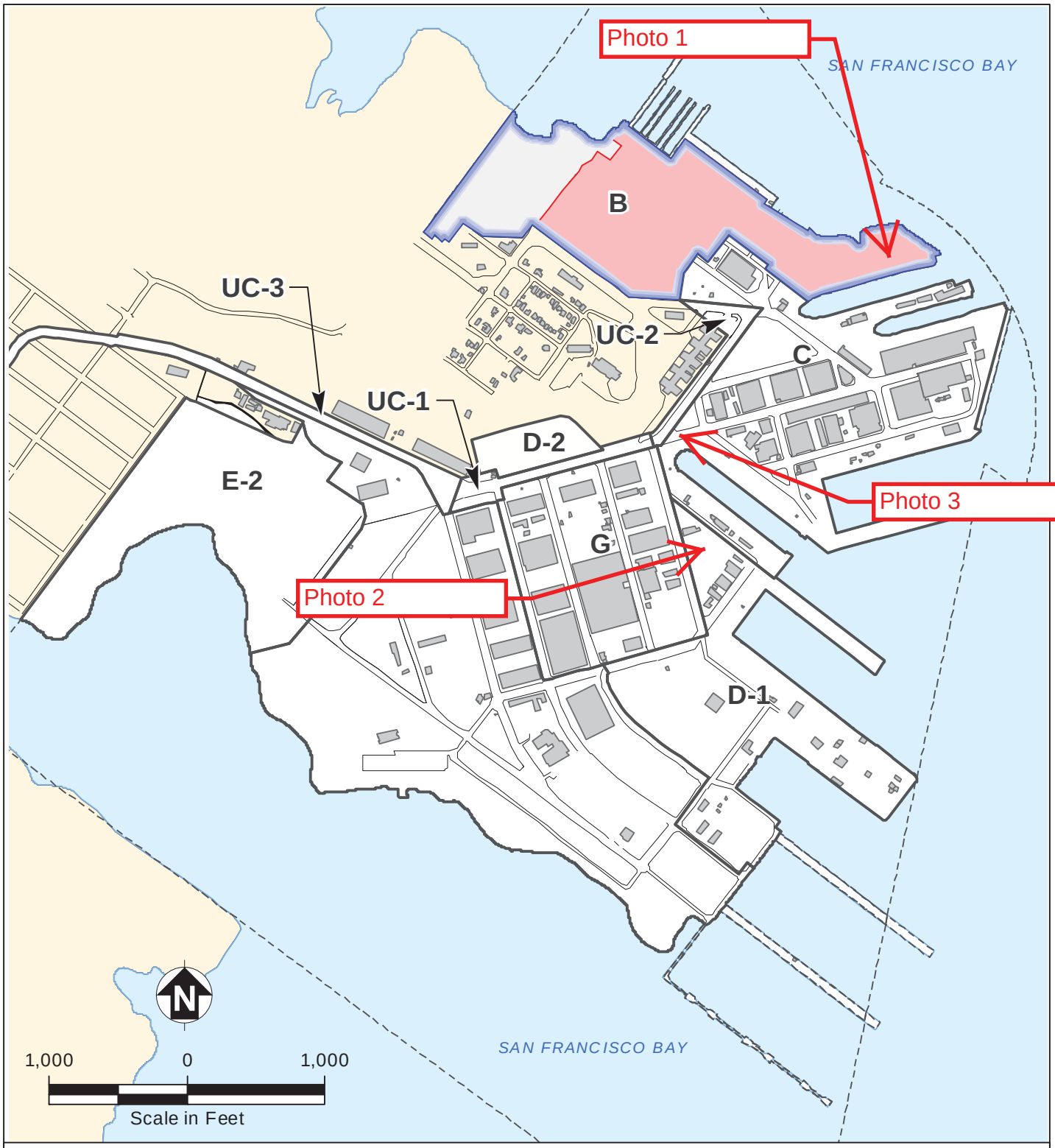
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 16, 2013

Photo 3: Soil Cover Installation – Sweeping the truck haul route between Parcel B and Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 16, 2013



LEGEND:

- Parcel B (Excluding Installation Restoration Sites 7 and 18)
- Parcel B
- Installation Restoration Sites 7 and 18
- Parcel F Boundary
- Other Parcel Boundary
- Non-Navy Property
- Building
- Road

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 2

PARCEL MAP

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Parcel Map.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	17/04/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	107		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool	PM WEATHER	Breezy/Mild
MAX TEMP (F)	63	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew working on hydro-seeding all backfilled areas except slope below McCann	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	0
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	H&S Officer	8
	end dumps in the loop.	ERRG	1	QC Staff	20
		ERRG	4	Equipment Operators	28
		ERRG	4	Laborers	24
		ERRG	2	Truck Driver	12
		Kevin Lawson Trucking	5	End Dump Drivers	35
		Selby	2	Hydro Seeding	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	153
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	14,072
TOTAL WORK HOURS FROM START OF CONSTRUCTION	14,225

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	8
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
03	113 loads (~20346cy) of stockpiled material moved to the D-1 triangle

James Nores 04/17/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	17/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	107 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool
PM WEATHER	Breezy/Mild
MAX TEMP (F)	63
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
04	ERRG	JD 650 dozer	0
01	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8

Schedule Activity No.	REMARKS

James Nores 04/17/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/17/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL SPOIL + STOCKPILE IN AREA D-1, HYDROSEED

SAFETY TOPICS PRESENTED NO TEXTING OR CELL PHONE WHILE DRIVING/OPERATING

SAFETY TOPICS TRUCK TRAFFIC/CONTRACT DRIVERS, EQUIPMENT, DUST CONTROL

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Brian Kerr	ERRG	[signature]
F. LOZA	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
ED CORDERO	EDMAR	[signature]
FERNANDO Cuyba	J.A.C	[signature]
JOSEPH TAGATAC	JOMAR	[signature]
Ethel Malabed	NONOY	[signature]
Sam Torres	Torres Trans.	[signature]
Mike Bonnet	ERRG	[signature]
Rob Nichols	Selby	[signature]
Bobby Kerr	Selby	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 10 Site Preparation LARGE DUMP TRUCK OPS. # 11 MIDROSEEDING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/17/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	4/17/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	King Bailey	[signature]	4-17-13 @ 0700
	Adolfo Madrigal	[signature]	4/17/13 0700
	Brian Kerr	[signature]	4-17-13 0700
	F. LOZA	[signature]	4-17-13 0700
	JEREMY ALDUIAR	[signature]	4-17-13 0700
	Jim Aguiar	[signature]	4-17-13 0700
	Paul Rodriguez	[signature]	4-17-13 0700
	Enrique Martinez	[signature]	4-17-13 0700
	Spencer Johnson	[signature]	4/17/13 0700
	Mike Babst	[signature]	4/17/13 0700
	Bobby Kerr	[signature]	4/17/13 9:45
	ROB Nichols	[signature]	4/17/13 945

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	4/17/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WINDY	Page:	1 of 1
Site Visitors:	MIKE HOCHSTOEGER - LENNAR TOM KING - PETERSON		

Description of Field Activities:

CONTINUED HAULING SOIL FROM NORTH OF DD #3 PUMPHOUSE TO HPNSA D-1.

MAINTAINING HAUL ROAD.

HYDROSEEDING SLOPES AROUND OCCUPIED BLDGS & 103.

EQUIPMENT - EXCAVATOR, 5 CONTRACT END DUMP TRUCKS, END LOADER, BULLDOZER, SKIDLOADER, SWEEPER, 2-WATER TRUCKS, 2 KUBOTAS

Signed: [signature] Date: 4/17/13

ERRG

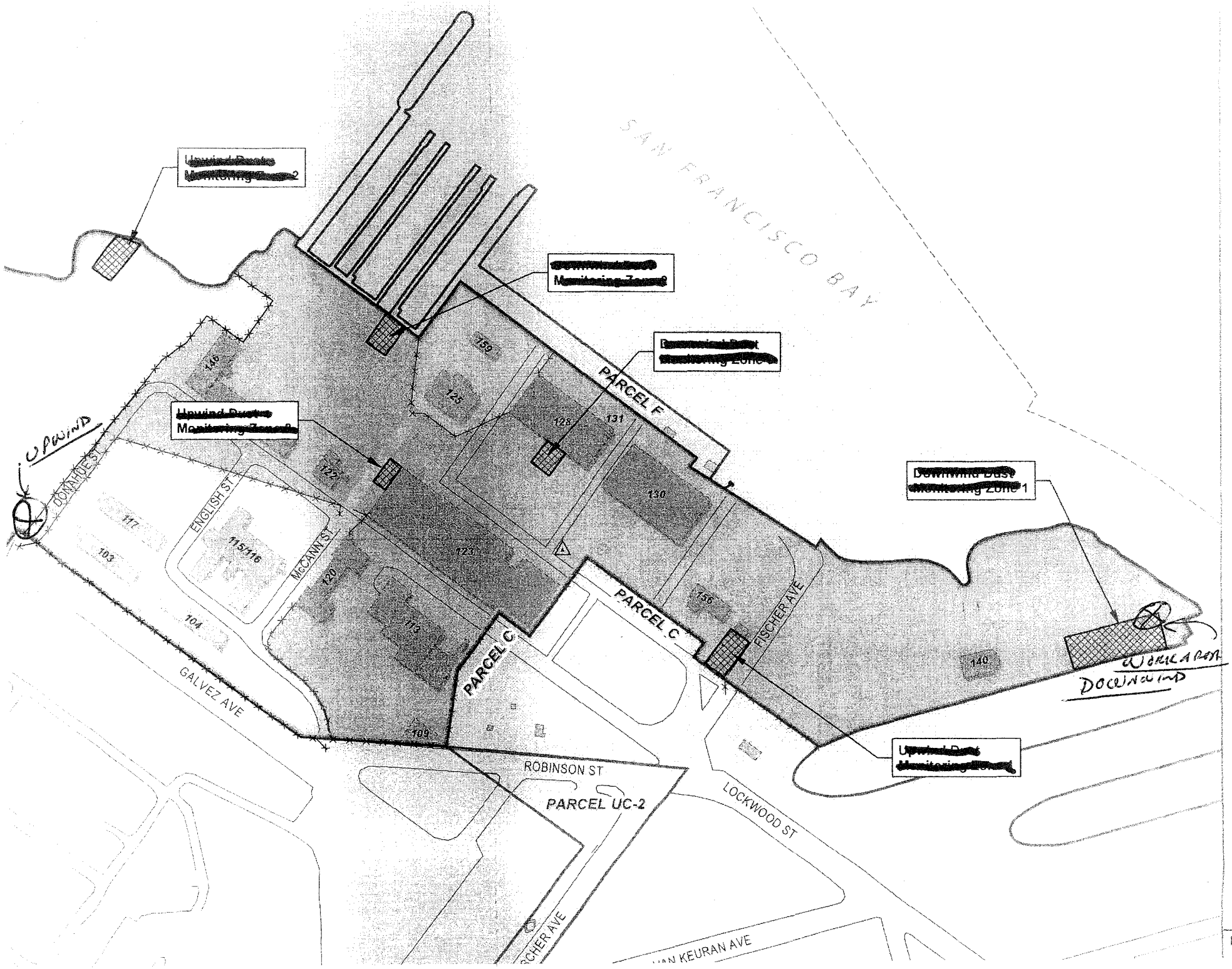
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: ____ of ____
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DOWNWIND @ GALVEZ	4/17/13	0735	0.045	0.052	
MOTOR # 1161		0834	0.012	0.014	
		1119	0.010	0.012	
		1242	0.009	0.011	
		1435	0.012	0.011	
WORK AREA/DOWNWIND	4/17/13	0741	0.021	0.030	
DD #3 @ [redacted]		0830	0.022	0.024	
MOTOR # 1008		1140	0.018	0.019	
		1247	0.019	0.019	
		1444	—	—	OFF



SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
DOWNWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
113
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 17/04/13

REPORT NO 107

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued loading out waste soil from the stockpile northeast of Building 140, and transporting to new stockpile location in Parcel D-1.
	Performed maintenance of truck haul roads, street sweeping, and dust control.
	Applied seed and mulch mixture via hydroseeding over the soil cover area between Donahue St and McCann St.
	Verified that the activities complied with the Soil 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.

Spencer Slominski — 04/17/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/17/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27 and 3/25
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction of the top lift is greater than 85%; top lift will be tilled prior to seeding the soil cover
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27 and 3/25
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27 and 3/25
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**	**X**			
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**	**X**			
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**	**X**			
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**	**X**			
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**	**X**			
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**	**X**			
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**	**X**			
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**	**X**			
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**	**X**			Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27 and 3/25
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/17/13

Photo 1: Soil Cover Installation – Placing waste soil in new stockpile located in Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 17, 2013

Photo 2: Soil Cover Installation – Hydroseed mixture applied over the soil cover on the southeast side of Donahue St

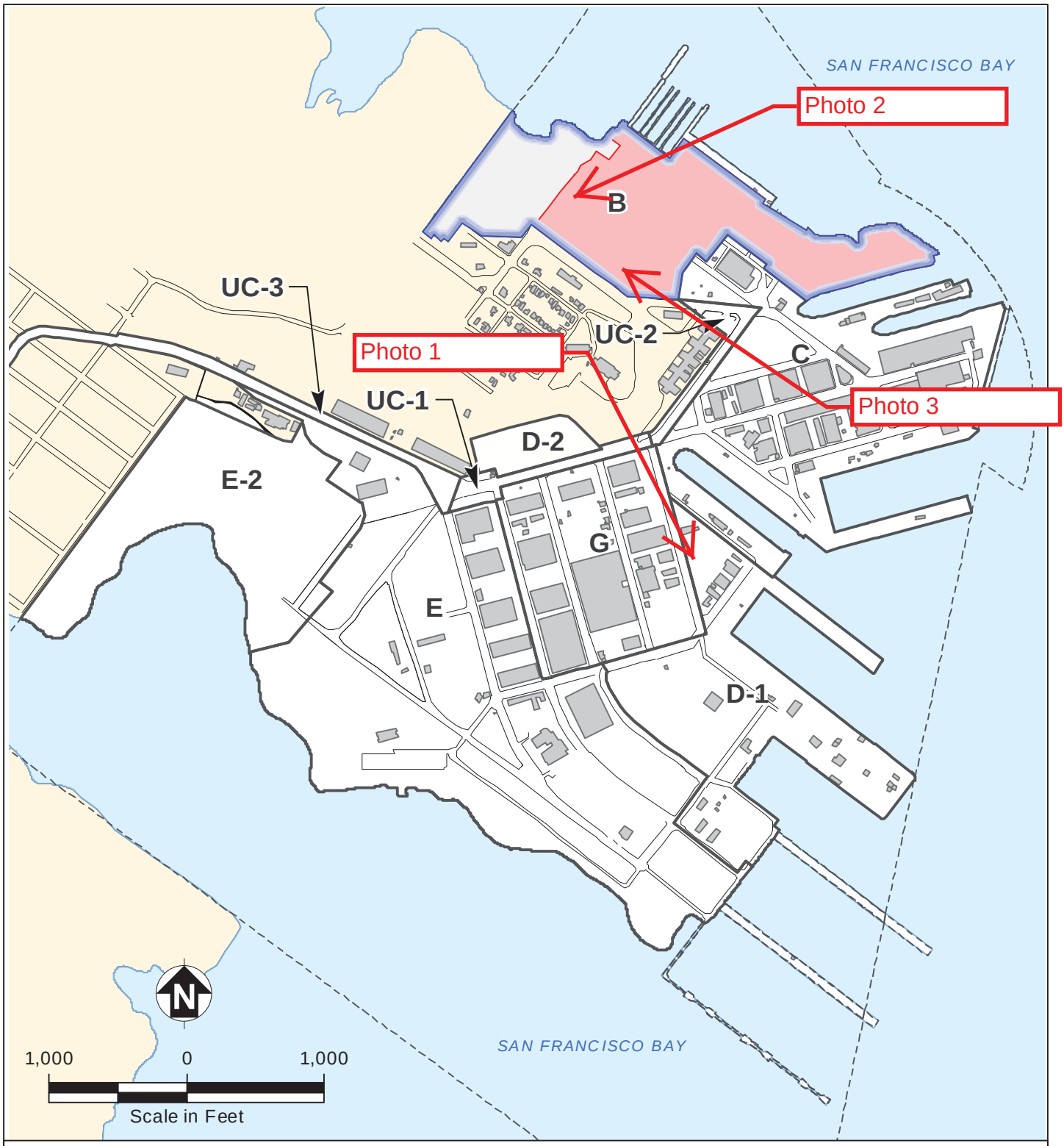
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 17, 2013

Photo 3: Soil Cover Installation – Hydroseed mixture applied over the soil cover on the slopes between Donahue St and McCann St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 17, 2013



LEGEND:

- Parcel B (Excluding Installation Restoration Sites 7 and 18)
- Parcel B
- Installation Restoration Sites 7 and 18
- Parcel F Boundary
- Other Parcel Boundary
- Non-Navy Property
- Building
- Road

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 2

PARCEL MAP

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Parcel Map.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	18/04/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	108		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool	PM WEATHER	Sunny/Warm
MAX TEMP (F)	66	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	Project Manager	0
	end dumps in the loop.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
01	Crew working on placing the keel blocks identified by Lennar to be saved in one	ERRG	2	QC Staff	20
	area, adjacent to perimeter fence at the SE corner of building 123.	ERRG	5	Equipment Operators	28
		ERRG	4	Laborers	28
		ERRG	2	Truck Driver	10
		Kevin Lawson Trucking	5	End Dump Drivers	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	156
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	14,225
TOTAL WORK HOURS FROM START OF CONSTRUCTION	14,381

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	4
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	108 loads (~1944cy) of stockpiled material moved to the D-1 triangle

James Nores 04/18/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	18/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	108 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	66
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
04	ERRG	JD 650 dozer	0
01	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8

Schedule Activity No.	REMARKS

James Nores 04/18/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/18/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK MOVING SPOIL TO AREA D-1, MOVE KOEL BLOCKS

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, BACKING

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Greg Bailey	ERRG	
Eric Rodriguez	ERRG	
F. LOZA	ERRG	
Adolfo Madrigal	ERRG	Adolfo M
JEREMY AGUIAR	ERRG	
Jim Aguiar	ERRG	
EMILIANO MAGTIBAY	ERRG	
BRIAN KERR	ERRG	
Mike Babsl	ERRG	
Spencer Johnson	ERRG	
JOSEPH TAGAMAC	JOMAC	
MERLINDO CATIN	JOMAC	
Epifanio MALABEAT	JOMAC	
EDMAR CORDERO	EDMAR Trucking	
Sam Torres	Torres Trans.	
TS	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 91 / SITE PREP 10 SOIL COVER / TRANSPORT SOIL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		4/18/13 @0700
Site Safety and Health Officer:	[redacted] R. EAP		4/18/13 @0700.
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Jim Baily		4-18-13 @ 0700
	Paul Rodriguez		4-18-13 0700
	F. LOZA		4-18-13 0700
	Alberto MADRIGAL	Alberto M.	4-18-13 0700
	JEREMY AGUIAR		4-18-13 0700
	Jim Aguiar		4-18-13 0700
	Enrique MARTINEZ		4-18-13 0700
	Brian Kerr		4-18-13 0700
	Mike Babst		4-18-13 0700
	Spencer Johnson		4/18/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	4/18/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

MOVING SPOIL PILES TO AREA D-1.

COLLECTED + PLACED KEEL BLOCKS FOR LENNAR IN ONE LOCATION.

MAINTAINED HAUL ROADS, ON + OFF SITE.

EQUIPMENT - EXCAVATOR, 3 CONTRACT END DUMPS, END LOADER, SKIPLOADER, 2 WATER TRUCKS, SWEEPER, 2 KUBOTAS

Signed. [signature] Date: 4/18/13

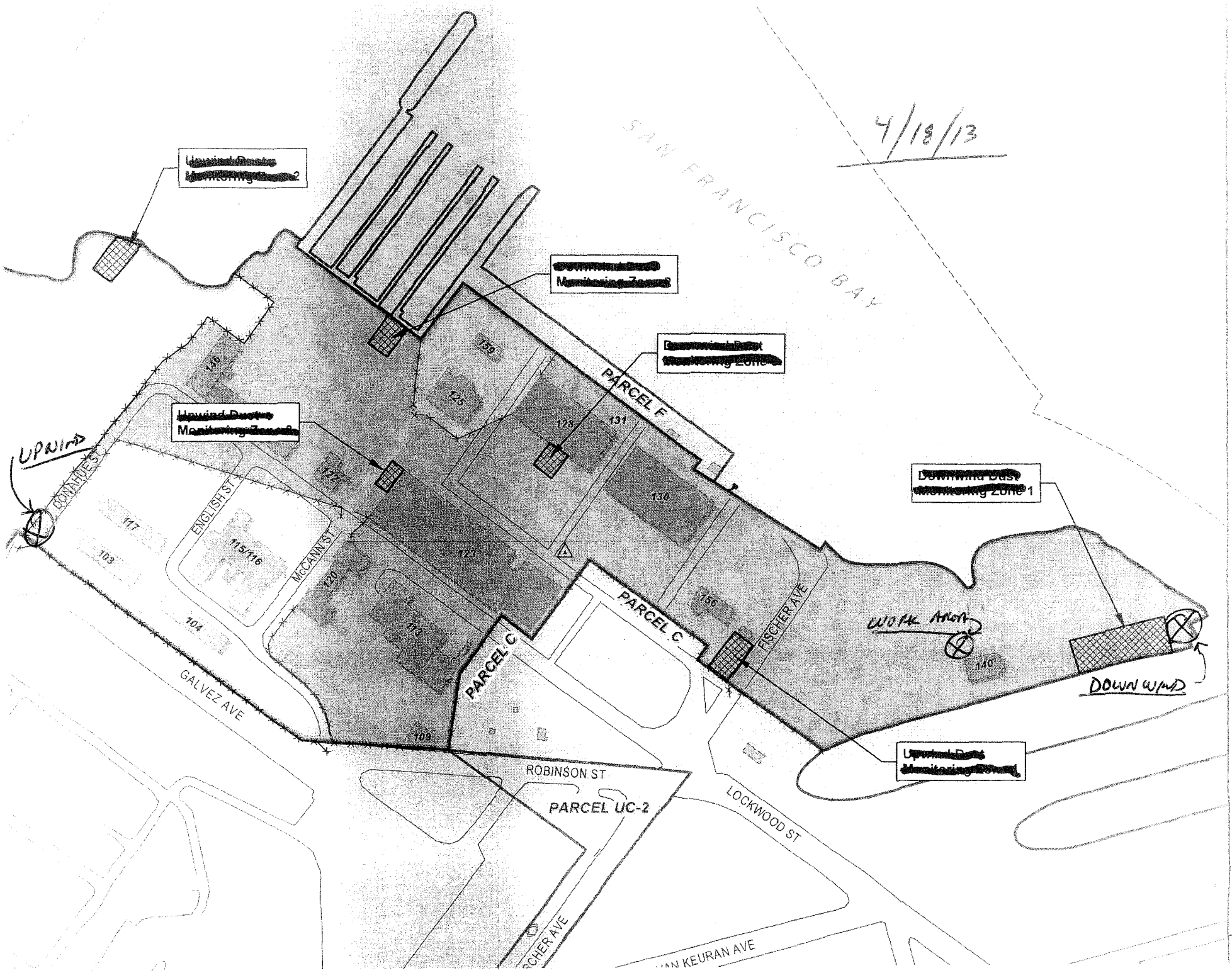
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DOWNWIND @ GATE MONITOR # 1161	4/18/13	0747	0.031	0.030	
		0843	0.029	0.035	
		0945	0.033	0.030	
		1305	0.025	0.024	
		1354	0.022	0.024	
		1453	0.019	0.024	
WORK AREA DD#3, WEST OF POWERHOUSE / MONITOR # 1008	4/18/13	0744	0.049	0.055	
		0846	0.051	0.049	
		0942	0.056	0.049	
		1142	0.028	0.041	
		1311	0.031	0.037	
		1351	0.033	0.038	
		1450	0.054	0.039	
DOWNWIND DD#3, SOUTHEAST / MONITOR # 10773	4/18/13	0740	0.074	0.083	
		0847	0.047	0.059	
		0941	0.052	0.053	
		1145	0.036	0.048	
		1316	0.043	0.044	
		1349	0.042	0.044	
		1445	0.052	0.044	


4/18/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
WORK AREA
DOWNWIND
159
125
128
131
130
146
122
123
117
103
115/116
120
104
113
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 18/04/13

REPORT NO 108

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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
01	Collected the set of keel blocks that Lennar designated for saving and moved to area southeast of Building 123.
04	Finished loading out waste soil from the stockpile northeast of Building 140 and began loading out waste soil stockpile northwest of Building 140.
	Transported the waste soil to Parcel D-1 and placed in new stockpile area. Performed maintenance of truck haul roads, street sweeping, and
	dust control. Performed compaction testing of the completed soil cover between McCann St and Galvez Ave.
	Verified that the activities complied with the Soil 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.

Spencer Slominski — 04/18/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/18/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**	**X**			
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**				Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**	**X**			
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/18/13

ERRG

Engineering/Remediation Resources Group, Inc.
4585 Pacheco Blvd.
Martinez, CA 94553
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.: 2012-037-041813
Page 1 of 1

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No. CPN MC3
Date/Time 4-18-13	Job No. 2012-037	Project/Location HPNS	Source Material Am-241 / Cs-137	Density Std. 35921
Inspector F. LOZA	Project Engineer S. SLOMINSKI	Other		Moisture Std 7819
Curve No.	Max. Density (pcf)	Min. Density (pcf)	Optimum Water (%)	Compaction Equipment in Use
4	107.5	~~±~~	17.6	DOZER
Specified % Compaction	Specified % Water		Lab Test Method	Field Test Method
90 %	± 3 %		ASTM D1557	ASTM D6938

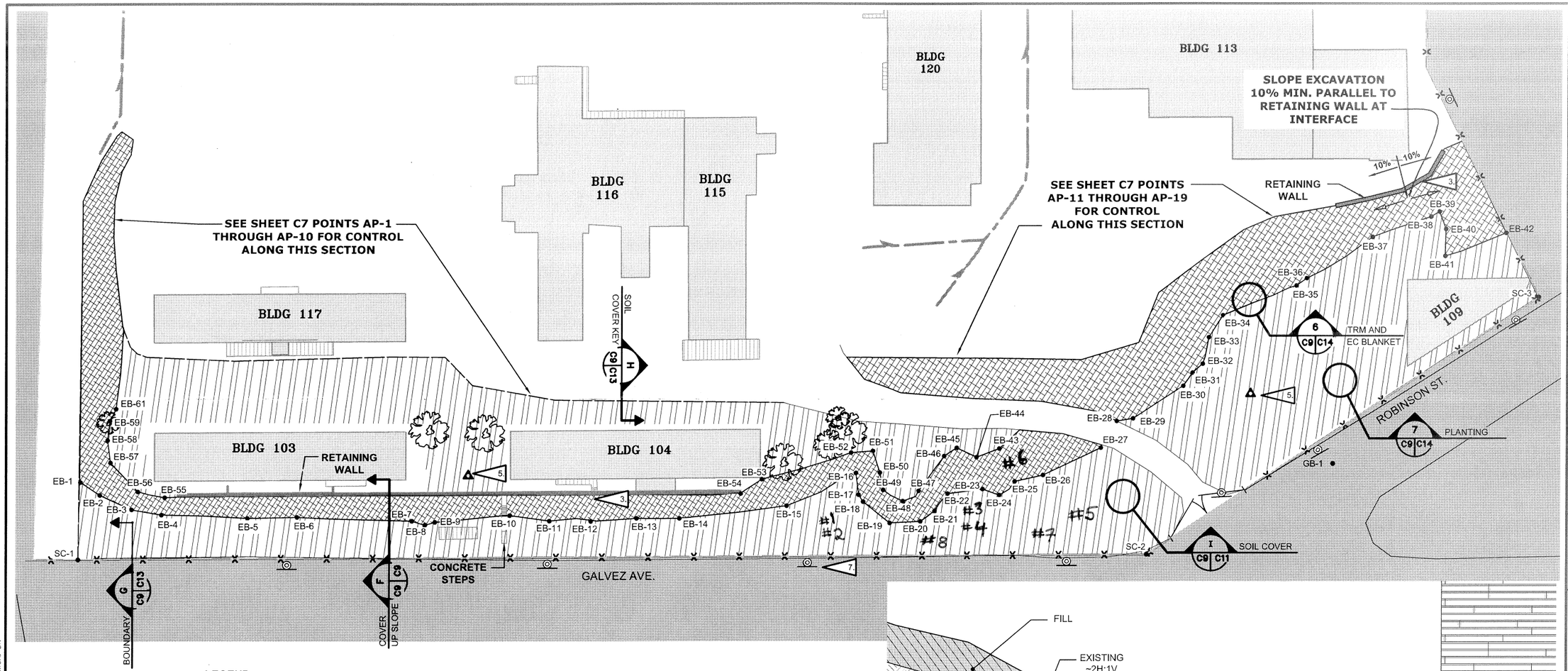
		Gauge Readings							
Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
1		5"	125.7	17.7	108.0	16.4	100	~~BETWEEN~~ SOUTH OF 104	2nd LIFT
2		6"	126.7	25.9	100.8	25.7	94	SOUTH OF 104	1st LIFT
3		6"	120.2	17.8	102.3	17.4	95	BETWEEN GALVEZ & MCCANN	2nd LIFT
4		6"	125.2	25.1	100.0	25.1	93	BETWEEN GALVEZ & MCCANN	1st LIFT
5		6"	123.3	18.5	104.8	17.6	97	BETWEEN GALVEZ & MCCANN	2nd LIFT
6		5"	115.8	18.3	97.5	18.7	91	BETWEEN GALVEZ & MCCANN	2nd LIFT
7		6"	118.4	22.3	96.2	23.2	90	BETWEEN GALVEZ & MCCANN	1st LIFT
8		5"	128.6	21.9	106.7	20.5	99	BETWEEN GALVEZ & MCCANN	1st LIFT

Remarks:

Inspector: F. LOZA

Reviewed:

COMPACTION TESTING 4/18/13



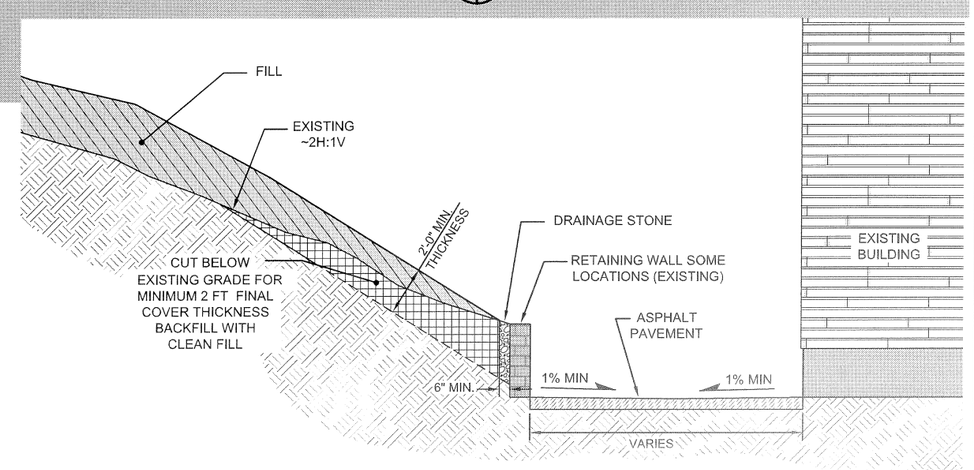
LEGEND

- OFFSITE AREA
- SECURITY FENCE
- DRAINAGE SWALE / FLOW DIRECTION
- 130 EXISTING BUILDING
- CONCRETE PAD / LOADING DOCK
- TREE
- RETAINING WALL
- GATE
- SIGN
- SURVEY MONUMENT
- EB-1 EROSION CONTROL BLANKET CONTROL POINT
- SOIL COVER - TURF REINFORCED MAT OVER SEEDING
- SOIL COVER - PLANTINGS THROUGH EROSION CONTROL BLANKET

SEE SHEET C10 FOR CONTROL COORDINATES

Notes:

1. EXCAVATE SOUTHERN BOUNDARY OF SOIL COVER AREA AT EDGE ALONG THE PARCEL BOUNDARY TO 2 FT BGS AND SLOPE BACK ONTO SITE AT SLOPE OF 3H:1V.
2. SLOPES ALONG SOUTHERN BOUNDARY NOT STEEPER THAN 3H:1V WHERE IT MEETS THE EXISTING OFF-SITE GRADE.
3. EXCAVATE ALONG UPGRADIENT SIDE OF RETAINING WALL TO 2 FT BGS AND SLOPE BACK FROM RETAINING WALL AT SLOPE OF 3H:1V. FINAL SOIL COVER SHOULD EXTEND 1" ABOVE THE TOP OF RETAINING WALL ELEVATION AT COMPLETION.
4. SOIL COVER CONSTRUCTED AS MIN. 2 FT CLEAN IMPORTED FILL OVER EXISTING GRADE.
5. SURVEY AND RECORD MONUMENT LOCATIONS AND ELEVATIONS (TYP) AFTER PLACEMENT.
6. PLACE EROSION CONTROL BLANKET AND INSTALL PLANT MIX OVER AREA AS SHOWN. PLANT SEED MIX OVER ALL OTHER PORTIONS OF SOIL COVER AREA.
7. SLOPE AROUND BUILDINGS TO DIRECT WATER TOWARD ASPHALT PAVEMENT COVER.
8. SOIL COVER EXTENDS OVER ENTIRE AREA TO BOUNDARY EDGE OR BUILDING FOUNDATION. MAINTAIN EXISTING GRADES AND SHEET FLOW ALLOWING FOR REQUIRED COVER THICKNESS.



F C9 C9 COVER UPSLOPE OF RETAINING WALL

NOT TO SCALE

40' 0 40' 80'

SCALE: 1" = 40'

REVISIONS

SYMBOL	DESCRIPTION	PREP.BY	DATE	APPROVED

PREPARED BY: ChaduxTt JV

RECTIFIED BY: ____ APPROVED BY: ____ DATE: 12/03/2010

DESIGNED BY: JBL DRAWN BY: DMF CHECKED BY: SWF

SIZE D
IF SHEET IS LESS THAN 22" X 34" IT IS A REDUCED PRINT
SCALE REDUCED ACCORDINGLY

NAVAL FACILITIES ENGINEERING COMMAND
DEPARTMENT OF THE NAVY
BRAC PMO WEST
SAN DIEGO, CALIFORNIA

PARCEL B
COVER FINAL GRADING PLAN - SOIL COVER

CODE IDENT. NO. ____

PROJECT LOCATION
Hunters Point Shipyard
San Francisco, California

CONSTR. CONTR. NO. N62473-10-D-XXXX

SPECIFICATION ____ (D.O. --)

NAVFAC DWG. NO. ____

DWG. NO. C9

SHEET 10 OF 25

R:\Navy\Hunters Point\Parcel B\Final Design\ C 9 Parcel B Final Grade Soil Cover.dwg 12/03/2010 deborah.ford DN

Photo 1: Soil Cover Installation – Area northeast of Building 140 after removal of the waste soil stockpile

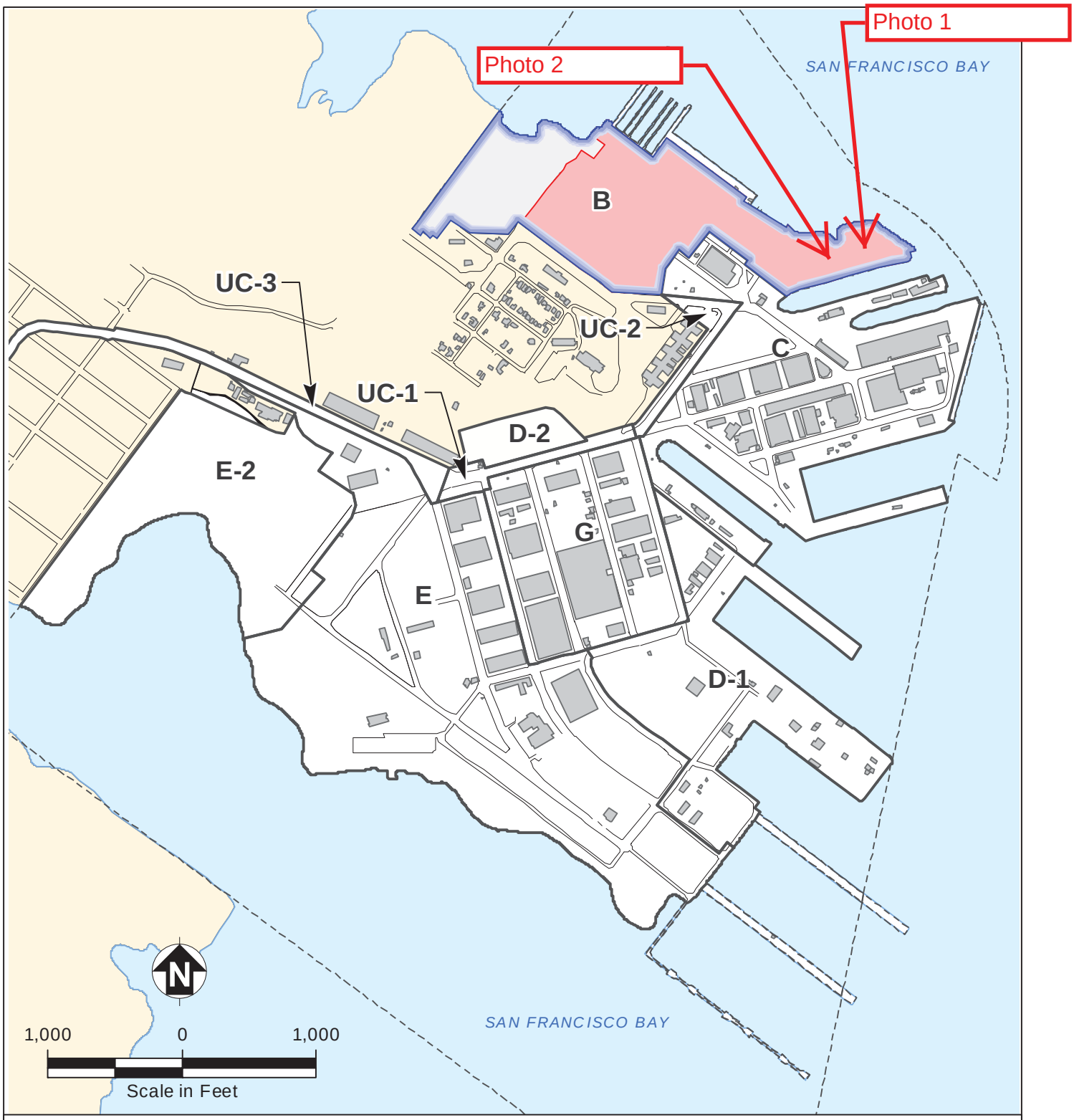
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 18, 2013

Photo 2: Soil Cover Installation – Loading out the waste soil stockpile located northwest of Building 140 for transport to Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 18, 2013



LEGEND:

- Parcel B (Excluding Installation Restoration Sites 7 and 18)
- Parcel B
- Installation Restoration Sites 7 and 18
- Parcel F Boundary
- Other Parcel Boundary
- Non-Navy Property
- Building
- Road

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 2

PARCEL MAP

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Parcel Map.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	19/04/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	109		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool	PM WEATHER	Sunny/Warm
MAX TEMP (F)	66	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	Project Manager	0
	end dumps in the loop.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew removing plastic from the windows on building 103, building 104 and	ERRG	2	QC Staff	20
	building 115 back side.	ERRG	4	Equipment Operators	28
		ERRG	3	Laborers	22
07	Tech on site to sample wells associated with polylactate area	ERRG	3	Truck Driver	14
		Kevin Lawson Trucking	5	End Dump Drivers	40
		ERRG	1	Sample Tech	4

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	14,381
TOTAL WORK HOURS FROM START OF CONSTRUCTION	14,537

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	4
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	4
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	122 loads (~2196cy) of stockpiled material moved to the D-1 triangle

James Nores 04/19/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	19/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	109 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	66
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
04	ERRG	JD 650 dozer	0
01	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8

Schedule Activity No.	REMARKS

James Nores 04/19/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/19/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL SPOIL OFFSITE, ROAD MAINTENANCE, CHECKING INJECTION WELLS FOR BUILDUP.

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRAFFIC, TRUCKS BACKING, SPOTTERS, EQUIPMENT.

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
BRIAN KERR	ERRG	
Adolfo Madrigal	ERRG	Adolfo M.
F. LOZA	ERRG	
JEREMY ABUHAN	ERRG	
Enrique Martinez	ERRG	
Jim Aguilar	ERRG	
Spencer Johnson	ERRG	
Sean Stanish	ERRG	
Mike Barbosa	ERRG	
Paul Rodriguez	ERRG	
Fernando Lopez	ERRG	
JOSEPH TAGATAC	IDMAC	
Edward Matthews	SHOLOY	
SAM TORRES	Torres Trans.	
ED LOPEZ	EDMAC Trans.	
Joe Cassell	ERRG	

Health & Safety Officer Richard Epp SUPERINTENDENT James Nores

SIGNATURE SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 SITE PREP 10 HAUL SPOIL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		4/19/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		4/19/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMKOWSKI		4/19/13 0700
Employee(s):	BRIAN KERR		4/19/13 @700
	Adolfo Madrigal	Adolfo M.	4-19-13 0700
	F. LOZA		4-19-13 0700
	JEREMY AGUIAR		4-19-13 0700
	ENRIQUE MARTINEZ		4-19-13 0700
	Jim Aguiar		4-19-13 0700
	Spencer Johnson		4/19/13 0700
	Mike Barbosa		4/18/13 @700
	Paul Rodriguez		4/18/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	4/19/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	MICHAEL HOCHSTEGER - LENNAR		

Description of Field Activities:

CONTINUED HAULING SPOIL TO AREA D-1.

MAINTAINING HAUL ROADS ON + OFF SITE.

REMOVING PLASTIC WINDOW DUST COVERS FROM BLDG. 103, 104 + ALCOVE AT BLDGS 115/116.

COMPLETED ASSEMBLY AND CALIBRATION OF KEEL BLOCKS FOR LENNAR.

EQUIPMENT - EXCAVATOR, 5 CONTRACT END DUMPS, FRONT LOADER, SKIPLOADER, 2 WATER TRUCKS, STREET SWEEPER, 2 ROLLERS

Signed: [signature] Date: 4/19/13

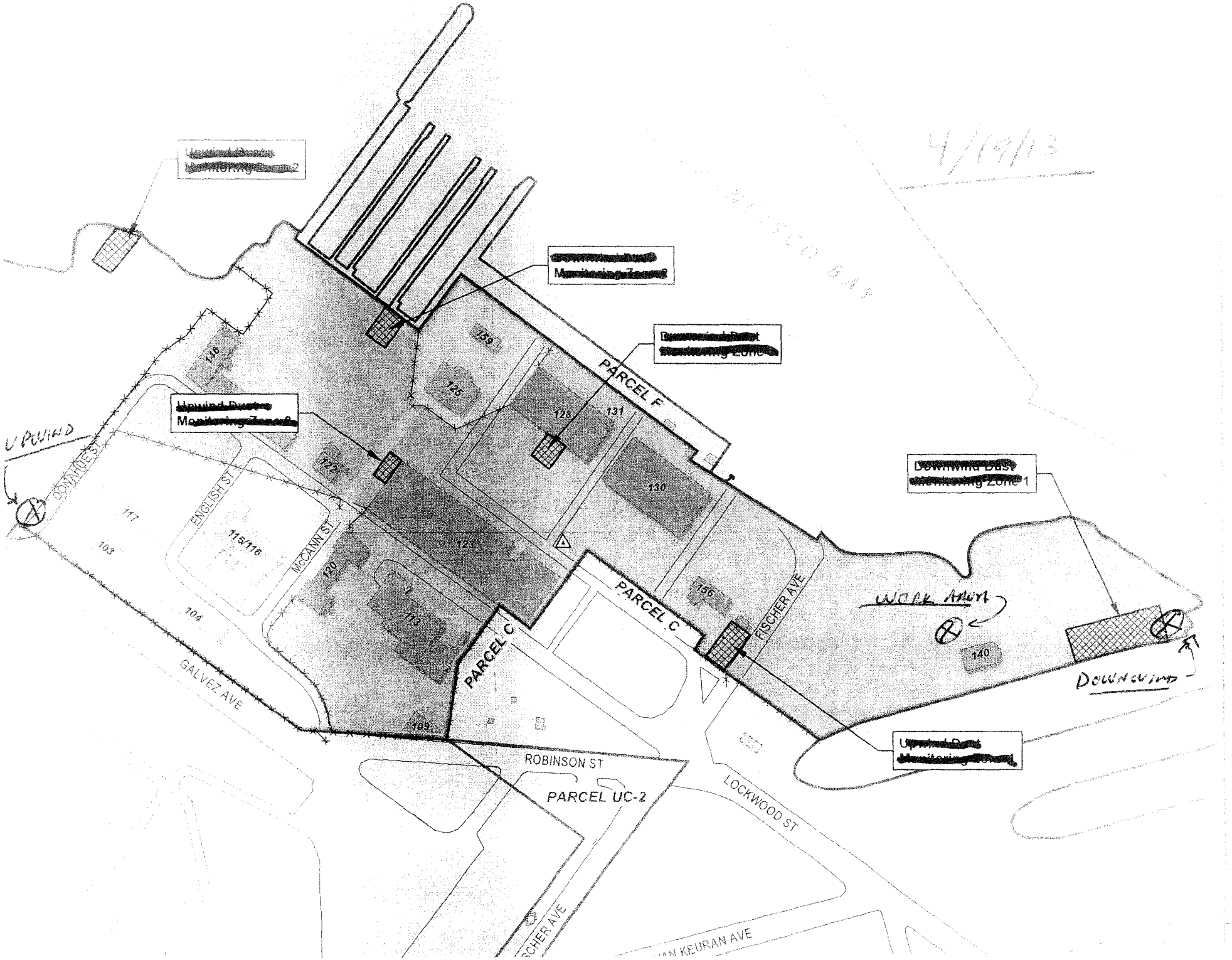
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Project Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND/DONAHUE @ GALVEZ	4/19/13	~~0745~~ 0739	0.025	0.089	
MODEL # 1161		0842	0.031	0.041	
		1207	0.042	0.041	
		1344	0.033	0.044	
		1438	0.030	0.040	
WORK AREA/DD#3 @ DUMPSTERS / MODEL # 1008	4/19/13	0787	0.087	0.145	
		0915	0.055	0.065	
		1210	0.057	0.060	
		1346	0.057	0.060	
		1441	0.082	0.061	
DOWNWIND / DD #3 @ SHIPYARD / MODEL #10773	4/19/13	0815	0.069	0.079	
		0918	0.072	0.074	
		1212	0.080	0.074	
		1348	0.062	0.073	
		1445	0.056	0.072	


4/19/13
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[redacted]
UPWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
PARCEL UC-2
PARCEL C
PARCEL C
PARCEL F
FISCHER AVE
LOCKWOOD ST
WORK AREA
DOWNWIND
117
103
115/116
104
146
122
120
113
109
123
125
159
128
131
130
156
140

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: CAT LOADER Identification Number:

roject Number / Name: Rental ☑ ERRG ☐

Inspected By (Initials) And Date:	H.P. KIKI 4-15-13 Hor 4855.2			4-16-13 4561.6			4-17-13 4567.9			4-18-13 4575.5			4-19-13 4583.4			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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken: Windshield Rock made small Hole was Repaired

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Skip Loader 210 Identification Number: FCGX94

roject Number / Name: 2012-037 Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	A. M. 4/15/13 HR. 1454.7			A. M. 4-16-13 HR. 1460.2			A. M. 4-17-13 HR 1467.9			A. M. 4-18-13 1474.0			A. M. 4-19-13 HR. 1480.6			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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: fork lift **Identification Number:**

roject Number / Name: 2012 037 HRNS **Rental** ☐ **ERRG** ☒

	Heavy Equipment Defects															
Inspected By (Initials) And Date:	4-10-13 1543 HRS			4-11-13 1547 FL			4-12-13 1554 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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: JLG FORK LIFT Identification Number: 798150

roject Number / Name: HDNS Rental ☐ ERRG ☒

Inspected By (Initials) And Date:	FL 1561 4-15-13			1568.3 FL 4-16-13			1572 4-18-13			4-19-13						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	✓			✓			✓			✓						

xplain corrective actions taken:

.RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: MAN LIFT. **Identification Number:** 504 101187

roject Number / Name: HPNS **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	22647 FL. 4-19-12															
	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	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KABOTA Identification Number: TW11077

roject Number / Name: UPWS Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	4-15-13 5823 JA			4-16-13 5831			4-17-13 5867			4-18-13 5879 JA			4-19-13 5848 JA			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?	☑	☑	☐	☑	☑	☐	☑	☑	☐	☑	☑	☐	☑	☑	☐	LEFT REAR OUT
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken: ENGINE MAKING KNOCKING SOUND

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 19/04/13

REPORT NO 109

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued loading out waste soil stockpile northwest of Building 140, transporting the waste soil to Parcel D-1 and placing in new stockpile.
	Performed maintenance of truck haul roads, street sweeping, and dust control.
	Removed the temporary plastic sheeting from the windows on Building 103, Building 104, and Building 115.
	Verified that the activities complied with the Soil Cover Installation checklist.
07	Collected post-injection groundwater samples from monitoring wells in the polylactate injection 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.

Spencer Slominski — 04/19/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/19/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/19/13

Photo 1: Soil Cover Installation – Loading out the waste soil stockpile located northwest of Building 140 for transport to Parcel D-1

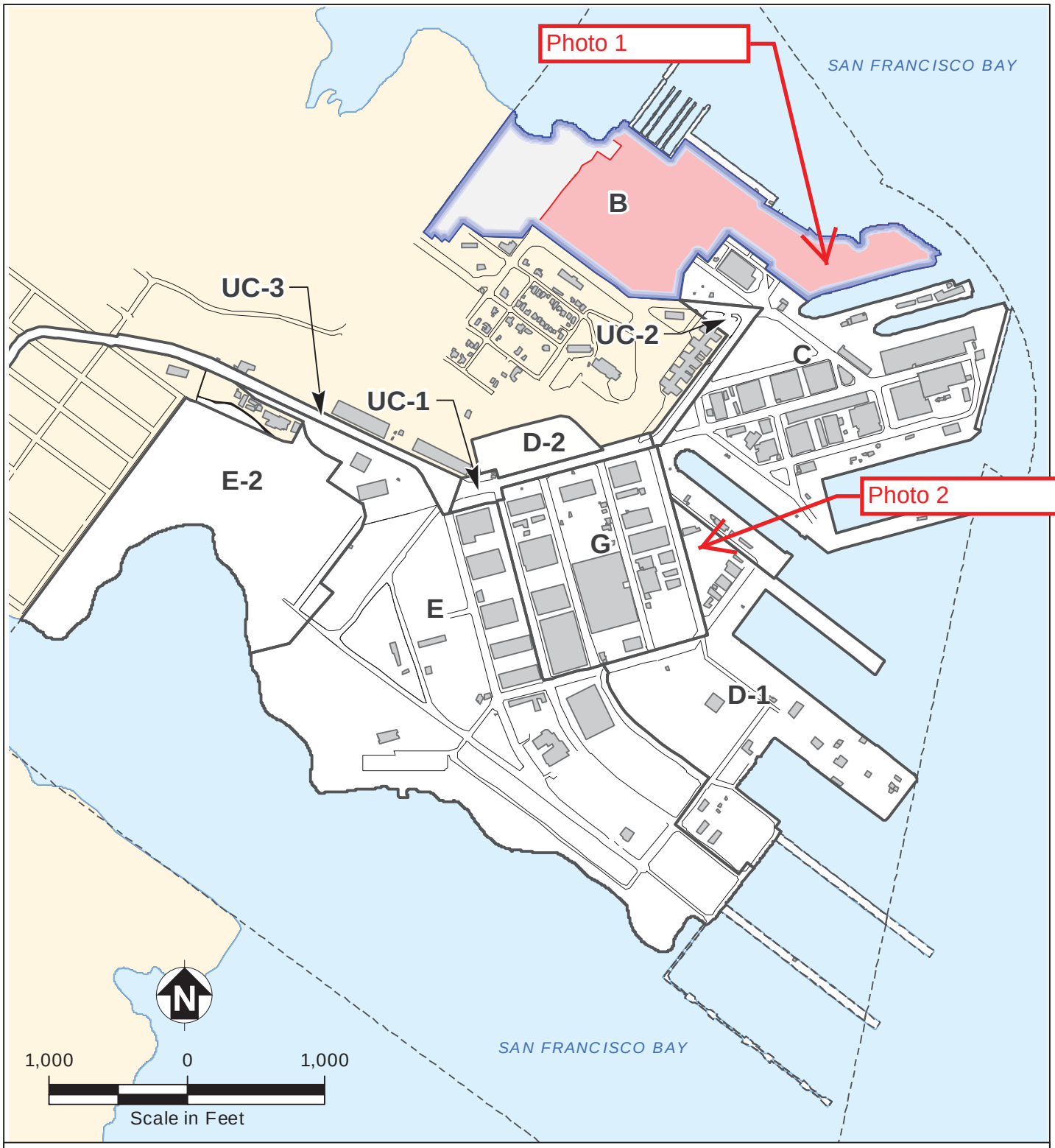
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 19, 2013

Photo 2: Soil Cover Installation – Stockpile of waste soil in Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 19, 2013



LEGEND:

- Parcel B (Excluding Installation Restoration Sites 7 and 18)
- Parcel B
- Installation Restoration Sites 7 and 18
- Parcel F Boundary
- Other Parcel Boundary
- Non-Navy Property
- Building
- Road

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 2

PARCEL MAP

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Parcel Map.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 22/04/13	REPORT NO: 110
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Sunny/Mild	PM WEATHER: Sunny/Warm	MAX TEMP (F): 78	MIN TEMP (F): 62

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	Project Manager	0
	end dumps in the loop.	ERRG	1	QC Manager	0
		ERRG	1	H&S Officer	8
01	Crew filling green waste and metal recycle bins	ERRG	2	QC Staff	20
		ERRG	5	Equipment Operators	30
04	Crew backfilling some rills in the slope below building 104	ERRG	4	Laborers	26
		ERRG	1	Truck Driver	8
		Kevin Lawson Trucking	5	End Dump Drivers	40

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: 142
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: 14,537
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: 14,679
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.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	4
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	4
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	125 loads (~2250cy) of stockpiled material moved to the D-1 triangle

James Nores — CONTRACTOR/SUPERINTENDENT

04/22/13 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	110 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Mild
PM WEATHER	Sunny/Warm
MAX TEMP (F)	78
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
04	ERRG	JD 650 dozer	0
01	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8

Schedule Activity No.	REMARKS

James Nores 04/22/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/22/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL SPOIL TO AREA D-1, FARMC ON HYDROSEEDED AREAS

SAFETY TOPICS PRESENTED

SAFETY TOPICS CONTRACT TRUCKS, FALLING/ROLLING ROCKS, EQUIPMENT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Adolfo Madrigal	ERRG	Adolfo M.
Brian Kerr	ERRG	
Jeremy Abuian	ERRG	
Jim Deguian	ERRG	
Enrique Martinez	ERRG	
Guadalupe Trujillo	ERRG	Guadalupe Trujillo
Paul Rodriguez	ERRG	
Spencer Johnson	ERRG	
Eduardo Madrigal	NONOY	
Joseph Tagatac	JOHAR	
Fernando Gomez	JOHAR	
Ed Corder	JOHAR	
Sam Torres	Torres Trans.	

Health & Safety Officer: Richard Epp

SIGNATURE

SUPERINTENDENT: James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 SITE PROP
#10 SOIL COVER CONST./RDMAP SPOIL
#11 EROSION CONTROL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/22/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	4/22/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Adolfo Madrigal	Adolfo M.	4-22-13 0700
	Brian Kerr	[signature]	4-22-13 0700
	JEREMY AGUIAR	[signature]	4-22-13 0700
	Jim Aguiar	[signature]	4-22-13 0700
	Tan Rodriguez	[signature]	4-22-13 0700
	SITE DILLO	[signature]	4-22-13 0700
	[illegible]	[signature]	4-22-13 0700
	Spencer Johnson	[signature]	4/22/13 0700
	Mike Babst	[signature]	4/22/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	4/22/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR & WARM	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

CONTINUED HAULING SPOIL TO AREA D-1.

MAINTAINING HAUL ROADS

LOADING OUT GROWN [redacted] WASTE.

EQUIPMENT: EXCAVATOR, 5 CONTRACT END DUMPS, SKIP LOADER, END LOADER, BACKHOE, 2 WATER TRUCKS, STREET SWEEPER, 2 KUBOTAS.

Signed: [signature] Date: 4/22/13

ERRG

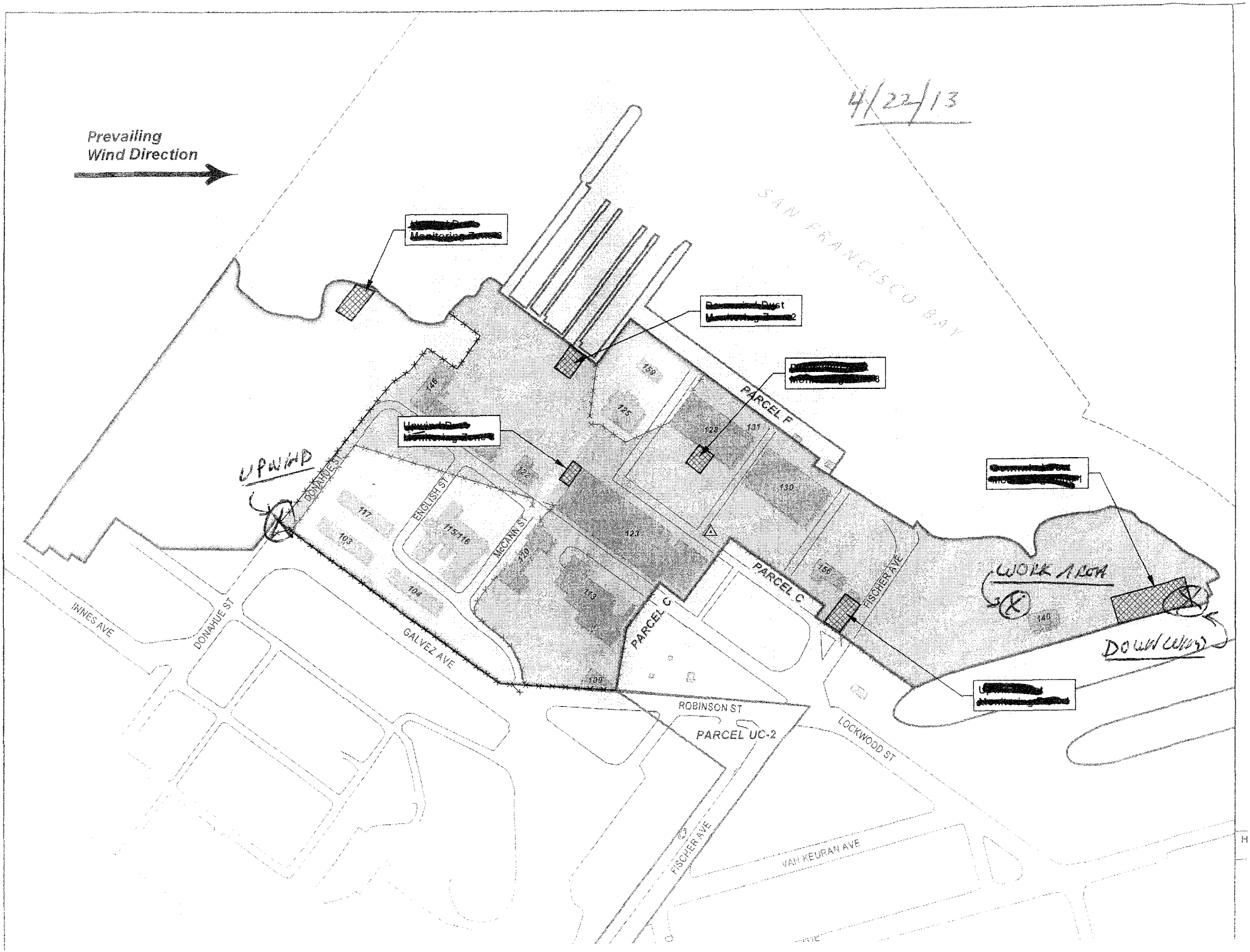
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: ____ of ____
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DONAHUE & GANDZ MOTEL # 1161	4/22/13	0751	0.034	0.032	
		0822	0.054	0.059	
		1036	0.029	0.035	
		1140	0.023	0.032	
		1259	0.029	0.031	
		1406	0.021	0.029	
		1514	0.032	0.028	
WORK AREA/ DD#3 PUMPHOUSE / MOTEL # 1008	4/23/13	0721	0.036	0.035	
		0918	0.046	0.047	
		1032	0.045	0.046	
		1136	0.057	0.049	
		1257	0.056	0.045	
		1403	0.039	0.043	
		1511	0.049	0.045	
DOWNWIND DD#3 @ SHOREline / MOTEL #10973	4/23/13	0717	0.053	0.052	
		0916	0.057	0.060	
		1031	0.052	0.059	
		1135	0.045	0.057	
		1255	0.038	0.054	
		1401	0.038	0.051	
		1509	0.053	0.051	



4/22/13
Prevailing
Wind Direction
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 22/04/13

REPORT NO 110

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued loading out waste soil stockpile northwest of Building 140, transporting the waste soil to Parcel D-1 and placing in new stockpile.
	Performed maintenance of truck haul roads, street sweeping, and dust control.
	Backfilled erosion rills in the soil cover on the slope on the northeast side of Building 104 with clean imported soil.
	Verified that the activities complied with the Soil 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.

Spencer Slominski — 04/22/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/22/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**	**X**			
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**	**X**			
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/22/13

Photo 1: Soil Cover Installation – Loading out the waste soil stockpile located northwest of Building 140 for transport to Parcel D-1

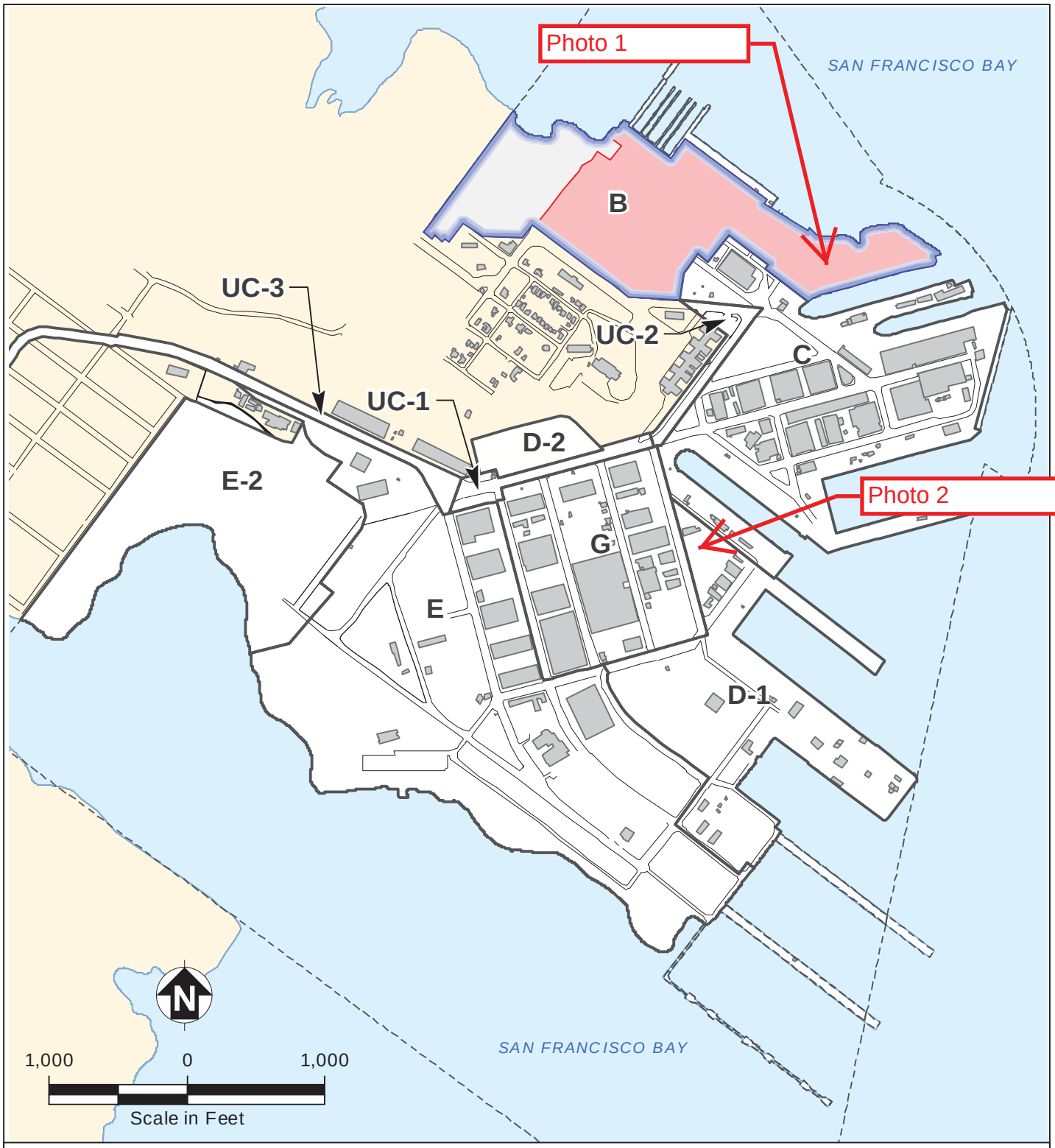
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 22, 2013

Photo 2: Soil Cover Installation – Placing waste soil in new stockpile in Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 22, 2013



LEGEND:

- Parcel B (Excluding Installation Restoration Sites 7 and 18)
- Parcel B
- Installation Restoration Sites 7 and 18
- Parcel F Boundary
- Other Parcel Boundary
- Non-Navy Property
- Building
- Road

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 2

PARCEL MAP

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Parcel Map.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 23/04/13	REPORT NO: 111
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Sunny/Mild	PM WEATHER: Sunny/Warm	MAX TEMP (F): 75	MIN TEMP (F): 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	Project Manager	4
	end dumps in the loop.	ERRG	1	QC Manager	0
		ERRG	1	H&S Officer	8
04	Crew working on installing CTRM and erosion control blankets on the slopes	ERRG	2	QC Staff	20
	along Donahue St.	ERRG	4	Equipment Operators	26
		ERRG	6	Laborers	46
		ERRG	1	Truck Driver	8
		Kevin Lawson Trucking	5	End Dump Drivers	40

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: 166
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: 14,679
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: 14,845

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	99 loads (~1782cy) of stockpiled material moved to the D-1 triangle
04	Weekly QC Meeting with the Navy and ERRG Management, QC, H&S and Supervisory staff.

James Nores 04/23/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	23/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	111 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Mild
PM WEATHER	Sunny/Warm
MAX TEMP (F)	75
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
04	ERRG	JD 650 dozer	0
01	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 04/23/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/23/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL SPOIL TO AREA D-1, PUT DOWN MATS OVER HYDROSEED.

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, SUN STROKE, HYDRATION, BACK INPUT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JEREMY AGUIAR	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
ENRIQUE MARTINEZ	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Guadalupe T	ERRG	Guadalupe T
Spencer Johnson	ERRG	[signature]
JIM AGUIAR	ERRG	[signature]
[illegible]	"	[signature]
Mike Babst	ERRG	[signature]
ED CORDERO	EDMAR Tr	[signature]
EDMAR CORDERO	BUTOG TRK.	[signature]
[illegible]	[illegible]	[signature]
JOSEPH TAGATAC	[illegible]	[signature]
Sam Torres	Torres Trans.	[signature]
John SOURIAL	ERRG	[signature]
Ty Apr	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nunes

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 SITE PREP. 10 SOIL COVER SPOIL HANDLING #11 EROSION CONTROL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		4/23/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		4/23/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SCOMINSKI		
Employee(s):	JEREMY AGUIAR		4-23-13 0700
	Pau Rodriguez		4-23-13 0700
	Brian Kerr		4/23/13 0700
	ENRIQUE MARTINEZ		4-23-13 0700
	Adolfo Madrigal	Adolfo M.	4-23-13 0700
	Fernanda Loza		4-23-13 0700
	Guadalupe T.	Guadalupe T	4-23-13 0700
	Spencer Johnson		4/23/13 0700
	Jim Aguirre		4-23-13 0700
	Boris		4/23/13 0700
	Mike Babst		4/23/13

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	4/23/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY, WARM PM-WINDY	Page:	1 of 1
Site Visitors:	USN - PETER STROGANOFF, SHIRLEY NG, GLEN NORTON, NAVY VEMSA ARCADIS - SCOTT MORRIS, RC DI VIVONO		

Description of Field Activities:

CONTINUED HAULING SOIL TO AREA D-1

ROAD MAINTENANCE

BOSTON INSTALLING GEOFABRIC OVER HYDROSEEDED AREA ON SLOPE ALONG DONAHUE.

EQUIPMENT - EXCAVATOR, 5 CONTAINER END DUMPS, BULLDOZER, END LOADER, SKIP LOADER, WATER TRUCK, STREET SWEEPER, 2 KUBOTAS, FORKLIFT.

Signed: [signature] Date: 4/23/13

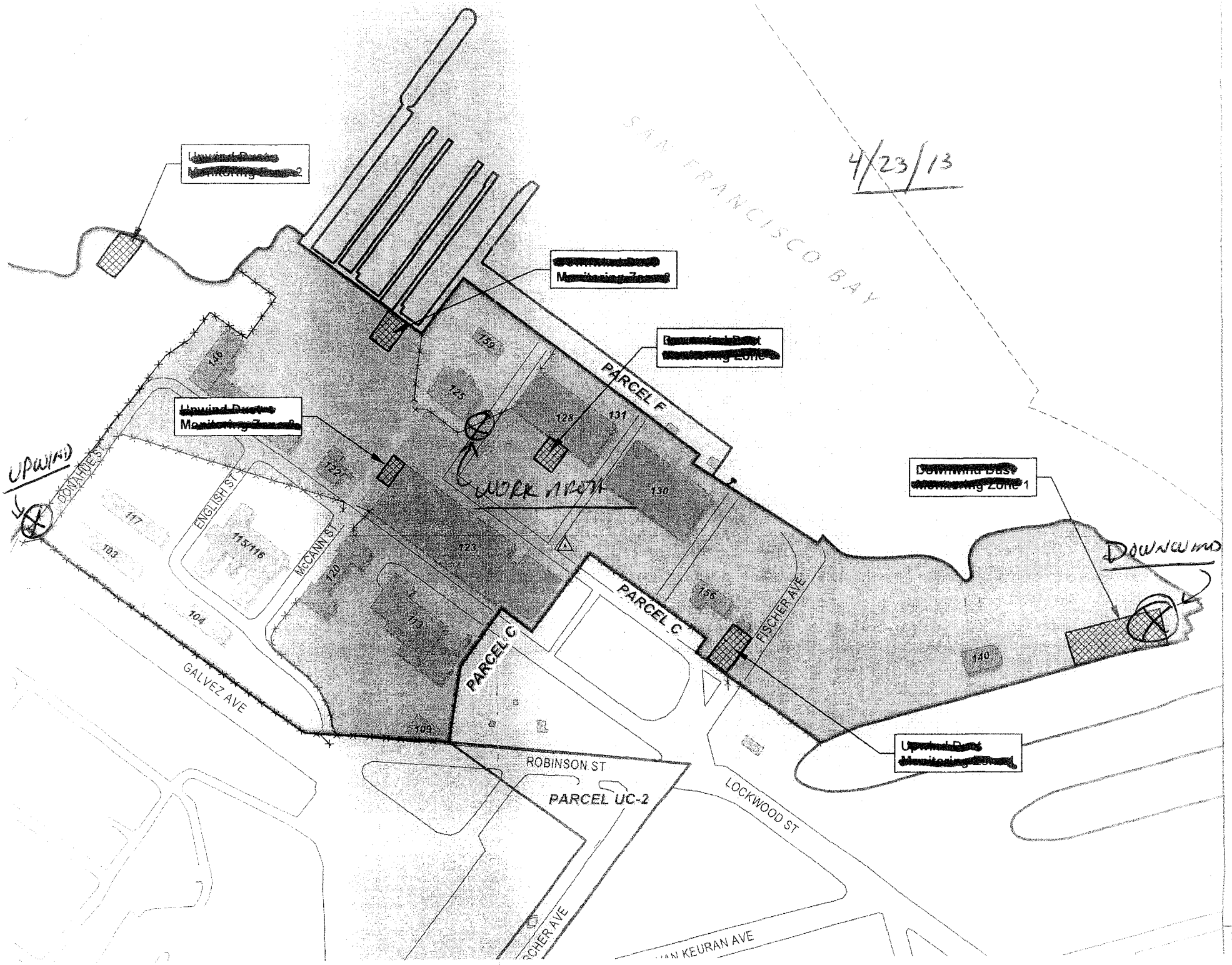
ERRG

AIR MONITORING LOG SHEET

ERRG

Performed by:	Richard Epp	Client:	US Navy
Place of Inspection:	Hunters Point Naval Shipyards	Project No.:	2012-037
Area of Work:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / DONAHUE + GALVEZ	4/23/13	0805	0.033	0.032	
MONITOR # 1161		0911	0.022	0.027	
		0958	0.024	0.026	
		1053	0.026	0.026	
		1220	0.024	0.025	
		1308	0.020	0.025	
		1357	0.025	0.025	
		1509	0.025	0.025	
WORK AREA / NORTH	4/23/13	0802	0.046	0.047	
BLDG 125 / MONITOR # 1008		0909	0.037	0.039	
		0951	0.036	0.038	
		1052	0.042	0.038	
		1217	0.032	0.037	
		1314	0.061	0.040	
		1355	0.102	0.042	
		1506	0.051	0.045	
DOWNWIND / DO # 3 @	4/23/13	0732	0.052	0.051	
SHORELINE / MONITOR # 10973		0906	0.051	0.052	
		0948	0.054	0.057	
		1049	0.047	0.050	
		1214	0.049	0.049	
		1317	0.048	0.050	
		1352	0.072	0.051	
		1500	0.056	0.053	



4/23/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
146
159
125
128
131
130
122
123
120
113
117
103
104
109
156
140
115/116

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 23/04/13

REPORT NO 111

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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 #
04	Soil 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
04	Continued loading out waste soil stockpile northwest of Building 140, transporting the waste soil to Parcel D-1 and placing in new stockpile.
	Performed maintenance of truck haul roads, street sweeping, and dust control.
	Began installing composite turf reinforcement matting (CTRM) over the soil cover on the slope southeast of Donahue St.
	Verified that the activities complied with the Soil 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
04	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Andrew Uehisa, Shirley Ng), Navy CSO (Glen Nelson), ERRG PM
	(John Sourial), ERRG CM (Tyson Appel), ERRG QCM Alternate (Spencer Johnson), ERRG SSHO (Richard Epp), and ERRG QC staff (Mike
	Babst).

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.

Spencer Slominski — 04/23/13

AUTHORIZED QC MANAGER AT SITE — 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)

INITIAL PHASE CHECKLIST

SPEC SECTION	DATE
02 41 00; 31 00 00; 32 39 19	23/04/2013

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #4 Soil Cover Installation	04	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED _____ HOURS IN ADVANCE: YES ☐ NO ☒

NAME	POSITION	COMPANY/GOVERNMENT
James Nores	Superintendent	ERRG
Spencer Johnson	QC Specialist	ERRG
Richard Epp	SSHO	ERRG
King Bailey	Foreman	ERRG
Fernando Loza	Laborer	ERRG
Brian Kerr	Laborer	ERRG
Guadalupe Trujillo	Laborer	ERRG

PROCEDURE COMPLIANCE

IDENTIFIY FULL COMPLIANCE WITH PROCEDURES IDENTIFIED AT PREPARATORY. COORDINATE PLANS, SPECIFICATIONS, AND SUBMITTALS.

COMMENTS: Procedures are in compliance.

Reviewed Drawings C9 and C14 and Specification Section 31 00 00 for details of CTRM and erosion control blanket installation.

Daily inspections of the work are being documented on the Soil Cover Installation checklist.

PRELIMINARY WORK

ENSURE PRELIMINARY WORK IS COMPLETE AND CORRECT. IF NOT, WHAT ACTION IS TAKEN?

Preliminary work is complete.

WORKMANSHIP

ESTABLISH LEVEL OF WORKMANSHIP.

WHERE IS WORK LOCATED? The soil cover area on the slopes along the southwest side of Parcel B, HPNS, 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: Drawing C9 shows the design areas for CTRM and erosion control blanket installation based on the original slopes of the hillside. The hillside has been re-graded during soil cover installation such that the slope angles differ from those shown on Drawing C9. CTRM will be installed over the areas of the soil cover steeper than 30% slope, and erosion control blanket will be installed over the areas of the soil cover where the slope is less than 30%.

CHECK SAFETY

REVIEW JOB CONDITIONS USING EM 385-1-1 AND JOB HAZARD ANALYSIS

COMMENTS: SSHO reviewed the AHAs associated with this DFOW, including Soil Cover Construction (soil excavation and placement) and Erosion Control Installation (geotextiles and hydroseeding).

OTHER

OTHER ITEMS OR REMARKS

Spencer Slominski — QC MANAGER

04/23/13 — DATE

Soil Cover Installation

Date: 04/23/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**	**X**			
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 (31 00 00 Earthwork, Section 1.3.5)?	**Initial**	**X**			
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**	**X**			
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**Initial**	**X**			
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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/23/13

Photo 1: Soil Cover Installation – Loading out the waste soil stockpile located northeast of Building 121 for transport to Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

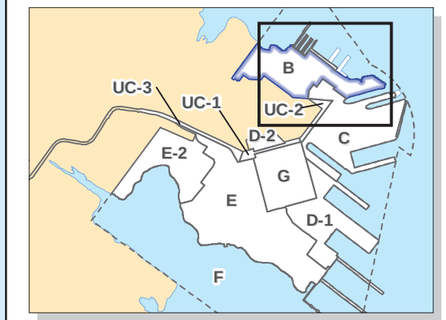
Photographed by: Richard Epp (ERRG, Inc.) Date: April 23, 2013

Photo 2: Soil Cover Installation – Installation of CTRM over the soil cover along the slope on the southeast side of Donahue St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 23, 2013

Photo 2: Soil Cover Installation – Anchor trench for the CTRM at the top of the slope
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 23, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	24/04/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	112		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Sunny/Warm
MAX TEMP (F)	65	MIN TEMP (F)	50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	Project Manager	0
	end dumps in the loop.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
04	Crew working on installing CTRM and erosion control blankets on the slope	ERRG	2	QC Staff	20
	along Donahue St and above building 103.	ERRG	5	Equipment Operators	27
		ERRG	6	Laborers	45
		ERRG	1	Truck Driver	8
		Kevin Lawson Trucking	5	End Dump Drivers	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	168
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	14,845
TOTAL WORK HOURS FROM START OF CONSTRUCTION	15,013

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	101 loads (~1818cy) of stockpiled material moved to the D-1 triangle

James Nores 04/24/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	24/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	112 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	65
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	0
04	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 04/24/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/24/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL SOIL TO AREA D-1, INSTALL GEOTEXTILE COVER TO HYDRO-SEEDED AREAS.

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, LIFTING, HEAT STROKE

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JEREMY AGUIAR	ERRG	
ENRIQUE MARTINEZ	ERRG	
G TRUJILLO	ERRG	G TRUJILLO
Brian Kerr	ERRG	
Raul Rodriguez	ERRG	
Adolfo Mariscal	ERRG	Adolfo M.
Fernando Loza	ERRG	
Jim Aguirre	ERRG	
Spencer Johnson	ERRG	
Mike Barron	ERRG	
Bomi Bodde	" "	
Benjamin Bottomly	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
TD Cruz	TDMAR	
J.B. Tagatac	TDMAR	
Erlinda Malabed	RONOLY	
Sam Torres	Torres Trans.	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nopes

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 SITE PREP
10 Soil Cover – Haul Spoil
#11 EROSION CONTROL – GEOTEXTILE

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/24/13
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	4/24/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	4/24/13 0700
Employee(s):	JEREMY AGUIAR	[signature]	4-29-13 0700
	ENRIQUE MARTINEZ	[signature]	4-24-13 0700
	G TRUJILLO	G TRUJILLO	4-24-13 0700
	Brian Kerr	[signature]	4-24-13 0700
	Paul Rodriguez	[signature]	4-24-13 0700
	Fernando Loza	[signature]	4-24-13 0700
	Adolfo Madrigal	Adolfo M.	4-24-13 0700
	Jim Aguiar	[signature]	4-24-13 0700
	Spencer Johnson	[signature]	4/24/13 0700
	Mike Barbat	[signature]	4/24/13
	Boris Portillo	[signature]	4/24/13 0700
	[illegible]	[signature]	4-24-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	4/24/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR - WINDY	Page:	1 of 1
Site Visitors:	DONBESTE - WILLIAM DONBESTE, DON BOTTS		

Description of Field Activities:

CONTINUED MOVING SPOIL TO AREA D-1

MAINTAINING HAUL ROADS + PILES @ D-1

INSTALLING GEOFABRIC OVER HYDROSEEDED AREAS WEST + SOUTH OF BLDG. 103

EQUIPMENT - EXCAVATOR, 5 RENTAL END DUMP TRUCKS, END LOADER, BULLDOZER, SKIP LOADER, WATER TRUCK, SMALLEST SWEEPER, 2 KUBOTAS

Signed: [signature] Date: 4/24/13

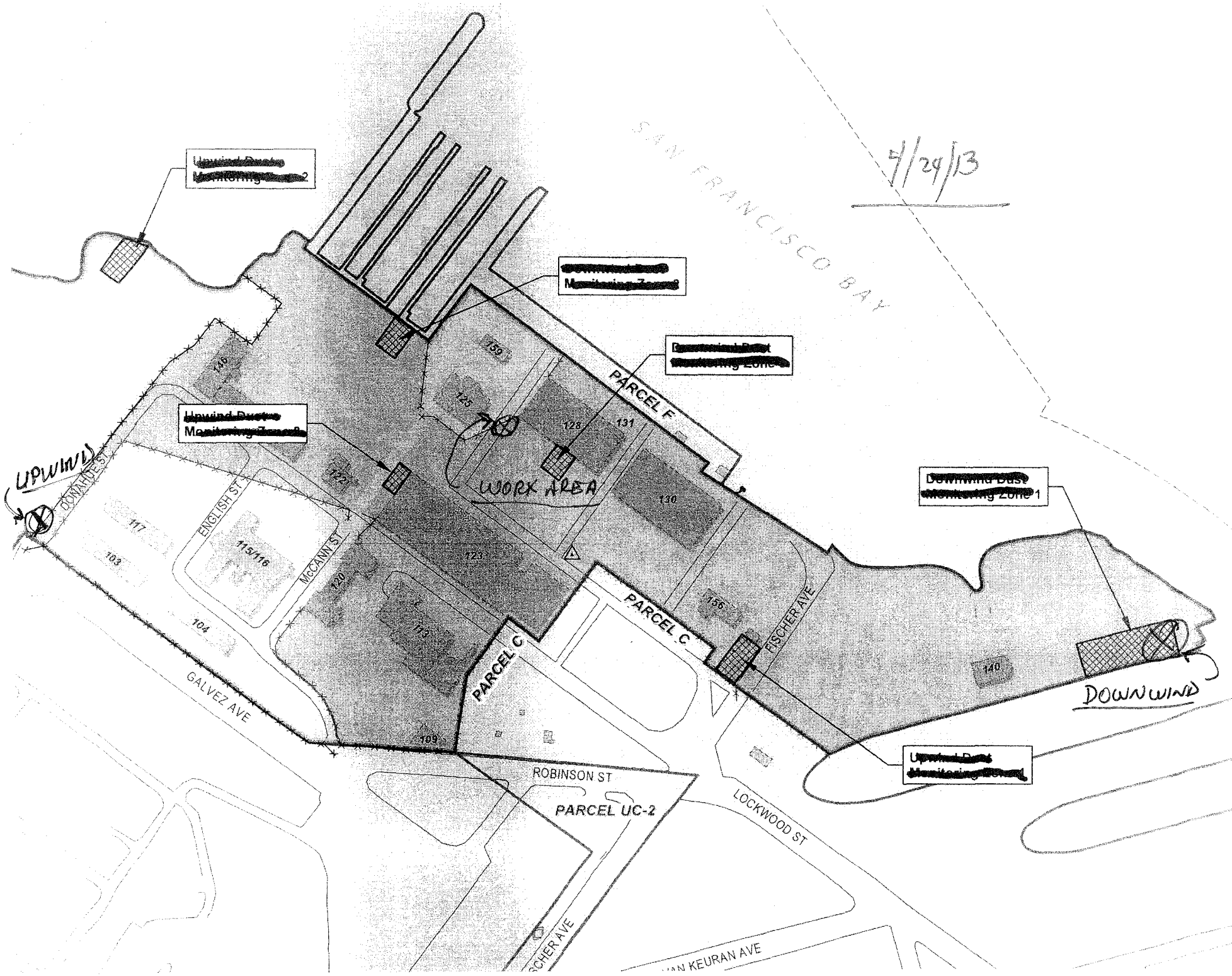
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / DONAHUE @ GALVEZ	4/24/13	0711	0.052	0.061	
MONITOR # 1161		0818	0.051	0.059	
		0908	0.029	0.050	MIST BURNING OFF
		1036	0.025	0.041	
		1155	0.024	0.037	
		1308	0.027	0.035	
		1406	0.027	0.034	
WORK AREA / NOMAR	4/24/13	0714	0.061	0.065	
BLDG 125 / MONITOR # 1008		0820	0.067	0.070	
		0912	0.045	0.062	
		1038	0.045	0.055	
		1154	0.062	0.053	
		1310	0.052	0.054	
		1408	0.044	0.054	
DOWNWIND / DD#3 @	4/24/12	0716	0.069	0.068	
HORNET / MONITOR # 10973		0822	0.061	0.062	
		0914	0.058	0.059	
		1054	0.061	0.060	
		1152	0.060	0.061	
		1312	0.062	0.061	
		1410	—	—	MEMORY FULL



4/24/13
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
WORK AREA
UPWIND
DOWNWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
123
120
113
117
103
104
109
156
140
115/116

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 24/04/13

REPORT NO 112

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued loading out waste soil stockpile northwest of Building 140, transporting the waste soil to Parcel D-1 and placing in new stockpile.
	Performed maintenance of truck haul roads, street sweeping, and dust control.
	Continued installing composite turf reinforcement matting (CTRM) over the soil cover on the slope between Building 103 and Galvez Ave.
	Verified that the activities complied with the Soil 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.

Spencer Slominski — 04/24/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/24/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/24/13

Photo 1: Soil Cover Installation – Loading out the waste soil stockpile located northeast of Building 121 for transport to Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: April 24, 2013

Photo 2: Soil Cover Installation –CTRM installed over the soil cover on the southeast side of Donahue St

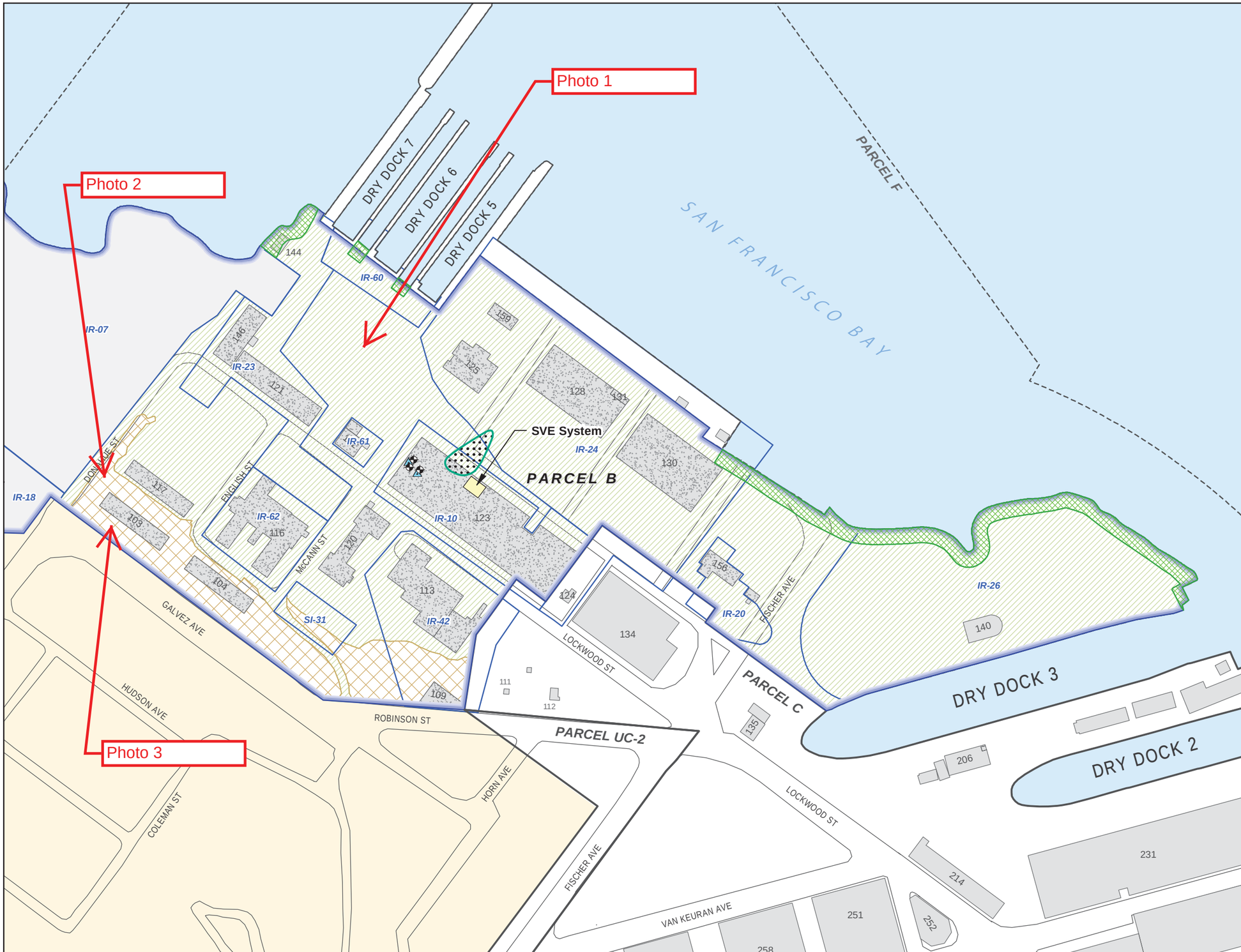
HPNS Parcel B Remedial Action, San Francisco, California

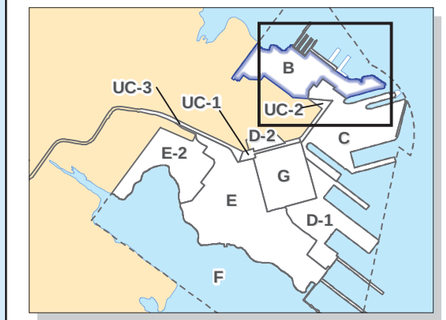
Photographed by: Mike Babst (ERRG, Inc.) Date: April 24, 2013

Photo 3: Soil Cover Installation – Installation of CTRM over the soil cover between Building 103 and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: April 24, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 25/04/13	REPORT NO: 113
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 65	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	Project Manager	0
	end dumps in the loop.	ERRG	1	QC Manager	0
		ERRG	1	H&S Officer	8
04	Crew working on installing CTRM and erosion control blankets on the slope	ERRG	2	QC Staff	20
	between building 103 and 117	ERRG	5	Equipment Operators	27
		ERRG	6	Laborers	45
		ERRG	1	Truck Driver	8
		Kevin Lawson Trucking	5	End Dump Drivers	40

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: 15,013
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: 15,173
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.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	96 loads (~1728cy) of stockpiled material moved to the D-1 triangle

James Nores — 04/25/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	25/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	113 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	65
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	0
04	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 04/25/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/25/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CONTINUE MOVING SPOIL TO AREA D-1, GEOFABRIC ON HYDROSEEDED SLOPES

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, LIFTING, HEAT

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JEREMY AGUIAR	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
[illegible]	ERRG	[signature]
Paul Lodriguez	[illegible]	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	"	[signature]
F. Loza	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]
Ginny Bailey	ERRG	[signature]
EDMAR CORDERO	BUTOG TRK.	[signature]
[illegible]	J. D. L	[signature]
Sam Torres	Torres Trans.	[signature]
ERNIE DE GUZMAN	KOWINIA	[signature]
ED CORDERO	EDMAR	[signature]
Ty ADM	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 SITE PREP
10 SOIL COVER (HAULING SOIL)
11 EROSION CONTROL (GEO FABRIC)

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		4/25/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		4/25/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	JEREMY AGUIAR		4-25-13 0700
	Adolfo MADRIGAL		4-25-13 0700
	Brian Kerr		4-25-13 0700
	Jim Davis		4-25-13 0700
	[illegible] MARTINEZ		4-25-13 0700
	[illegible]		4-25-13 0700
	E. TRUJILLO		4-25-13 0700
	Boris P.		4/25/13 0700
	T. LOZA		4-25/13 0700
	Spencer Johnson		4/25/13 0700
	Mike Barbosa		4/25/13 0700
	[illegible]		4-25-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	4/25/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG, CLOUDY	Page:	1 of 1
Site Visitors:	ERRG - SVETLANA CLARK USN - ANDY VEHISA SITECH - TOM KING		

Description of Field Activities:

CONTINUED HAULING SPOIL TO AREA D-1.

MAINTAINING HAUL ROADS

INSTALLING GEOFABRIC OVER HYDROSEEDED AREA SOUTH OF BLDG 103 + BETWEEN BLDG'S 103 + 117.

EQUIPMENT - EXCAVATOR, 5 RENTAL END DUMP TRUCKS, END LOADER, BULLDOZER FORKLIFT, WATER TRUCK, STREET SWEEPER, BACKHOE, SKIPLOADER, 2 KUBOTAS.

Signed: [signature] Date: 4/25/13

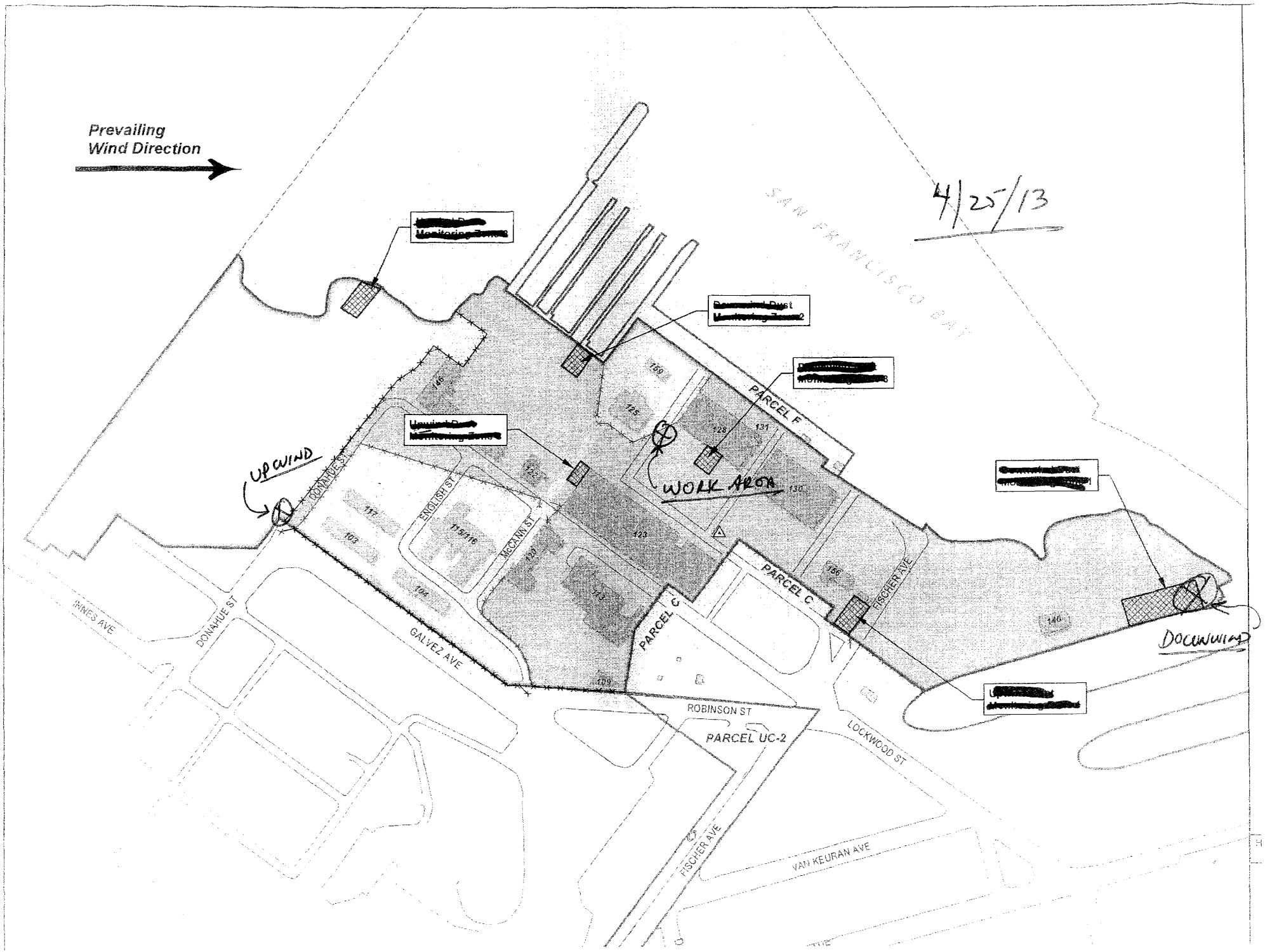
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Project Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / DOWNWIND @ GATE	4/25/13	0924	0.027	0.026	EARLY FOG
MONE # 1161		1022	0.026	0.027	
		1123	0.025	0.026	
		1338	0.024	0.025	
		1448	0.026	0.025	
WORK AREA / NONE	4/25/13	0924	0.053	0.051	
BLDG 125 / MONE # 1008		1025	0.048	0.042	
		1125	0.039	0.042	
		1341	0.047	0.041	
		1452	0.054	0.042	
DOWNWIND / DD #3	4/25/13	0927	0.055	0.056	
@ SHORELINE / MINI #10973		1027	0.040	0.045	
		1126	0.041	0.042	
		1344	0.053	0.045	
		1455	0.060	0.048	



Prevailing
Wind Direction
4/25/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
159
125
128
131
130
146
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 25/04/13

REPORT NO 113

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued loading out waste soil stockpile northeast of Building 121, transporting the waste soil to Parcel D-1 and placing in new stockpile.
	Performed maintenance of truck haul roads, street sweeping, and dust control.
	Continued installing CTRM over the soil cover between Building 103 and Galvez Ave. Began installing erosion control blanket over the soil cover
	between Building 103 and Building 117. Verified that the activities complied with the Soil 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.

Spencer Slominski — 04/25/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/25/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/25/13

Photo 1: Soil Cover Installation – Loading out waste soil stockpile located northeast of Building 121 for transport to Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 25, 2013

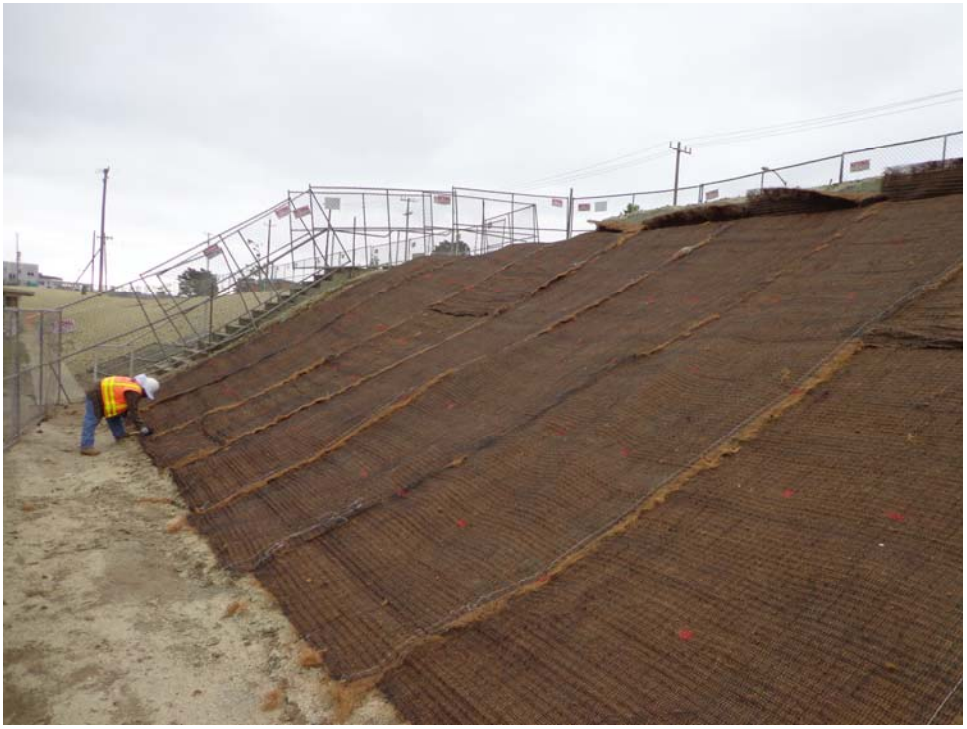


Photo 2: Soil Cover Installation –Installation of CTRM over the soil cover between Building 103 and Galvez Ave

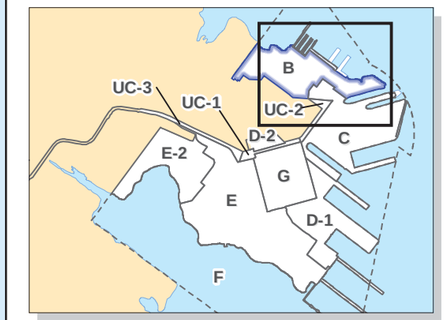
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 25, 2013

Photo 3: Soil Cover Installation – Installation of erosion control blanket over the soil cover between Building 103 and Building 117

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 25, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 26/04/13	REPORT NO: 114
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 65	MIN TEMP (F): 50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	Project Manager	0
	end dumps in the loop.	ERRG	1	QC Manager	0
		ERRG	1	H&S Officer	8
04	Crew working on installing CTRM and erosion control blankets on the slope	ERRG	2	QC Staff	20
	between buildings	ERRG	5	Equipment Operators	27
		ERRG	6	Laborers	45
		ERRG	1	Truck Driver	8
		Kevin Lawson Trucking	5	End Dump Drivers	40

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: 150
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: 15,173
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: 15,323
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.
03	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	95 loads (~1710 cy) of stockpiled material moved to the D-1 triangle

James Nores 04/26/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	26/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	114 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	65
MIN TEMP (F)	50

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
04	ERRG	JD 650 dozer	0
04	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 04/26/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/26/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL SPOIL TO AREA D-1, INSTALL GEOTECH BLANKETS OVER HYDROSEEDED AREAS.

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, LIFTING, LOOSE SOIL

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JEREMY AGUIAR	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
T. LOZA	ERRG	[signature]
G. Trujillo	ERRG	G. Trujillo
Enrique Martinez	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Greg Bailey	ERRG	[signature]
Boris A	"	[signature]
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
ED CORDERO	EDMAR	[signature]
Sam Torres	Torres Trans	[signature]
FERNANDO CORDERO	J.A.	[signature]
EDMAR CORDERO	BUTOG	[signature]
ERNIE DE GUZMAN	ROLLIN'A	[signature]
TS ARRI	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Flores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 SITE PROP
10 SOIL COVER (HAUL SPOIL)
#11 EROSION CONTROL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/26/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	4/26/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	JEREMY AGUIAR	[signature]	4-26-13 0700
	Paul Rodriguez	[signature]	4-26-13 0700
	Brian Kerr	[signature]	4-26-13 0700
	Adolfo Madrigal	Adolfo M.	4-26-13 0700
	F. LOZA	[signature]	4-26-13 0700
	G. Trujillo	G. Trujillo	4-26-13 0700
	ENRIQUE MARTINEZ	[signature]	4-26-13 0700
	Jim Aguiar	[signature]	4-26-13 0700
	Kevy Bailey	[signature]	4-26-13 0700
	Boris P	Boris P	4/26/13 0700
	Mike Babst	[signature]	4/26/13 0700
	Spencer Johnson	[signature]	4/26/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	4/26/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR	Page:	1 of 1
Site Visitors:	LIZ BINNING - ERRG		

Description of Field Activities:

CONTINUED HAULING SPOIL TO AREA D-1

MAINTAINING & SWEEPING HAUL ROADS

INSTALLING GEO FABRIC, COMPLETED BETWEEN BLDGS 103+117, AND ALONG DONAHUE, BEGAN COVERING AREA AT BLDG. 104

EQUIPMENT: EXCAVATOR, 5 RENTED END DUMP TRUCKS, END LOADER, BULLDOZER, BACKHOE, STREET SWEEPER, WATER TRUCK, SKIDLOADER, 2 KUBOTAS

Signed: [signature] Date: 4/26/13

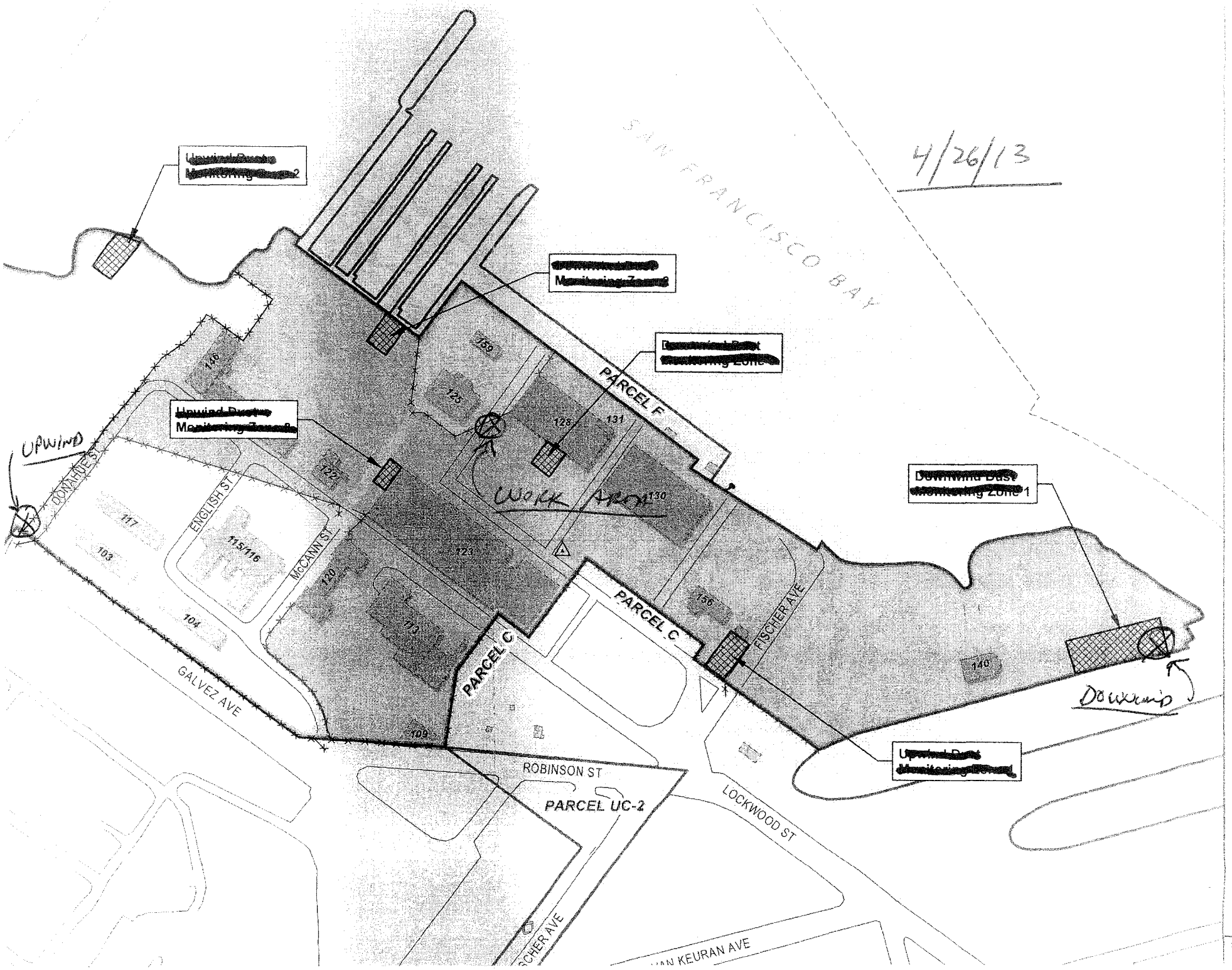
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Project Site:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / DONAHUE @ GALVEZ MONITOR # 1161	4/26/13	0735	0.047	0.048	
		0843	0.048	0.049	
		1002	0.047	0.048	
		1120	0.041	0.047	
		1238	0.043	0.046	
		1355	0.043	0.045	
		1459	0.046	0.045	
WORK AREA / NOAR BLDG 125 / MONITOR # 1008	4/26/13	0731	0.050	0.062	
		0841	0.052	0.055	
		1020	0.048	0.053	
		1122	0.054	0.051	
		1239	0.051	0.051	
		1357	0.051	0.052	
		1502	0.066	0.052	
DOWNWIND DD #3 @ SHIPYARD / MONITOR # 10773	4/26/13	0719	0.045	0.049	
		0839	0.046	0.045	
		1007	0.062	0.048	
		1125	0.063	0.052	
		1242	0.053	0.051	
		1359	0.063	0.057	
		1505	0.063	0.058	



4/26/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
WORK AREA
DOWNWIND
146
159
125
128
131
122
130
117
103
115/116
120
123
104
113
156
140
109

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: John Deere 650 Dozer **Identification Number:** YC3B96

roject Number / Name: HPNSY SF **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	4-15-13 JG 392.0			4-16-13 394.8 JG			4-17-13 394.8 JG			4-23-13 395.9 JG						
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: DOZER Jhon Deere 650 Identification Number: VC3B96

roject Number / Name: 2012 037 Rental ☑ ERRG ☐

Inspected By (Initials) And Date:																Defect(s):
Heavy Equipment Defects							A.M. 4-24-13 HR. 402.3			A.M. 4-25-13 HR. 408.0			A.M. 4-26-13 HR. 412.9			
	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	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: EXCABATOR JD 350 Identification Number: _____

roject Number / Name: H P Rental ☑ ERRG ☐

Inspected By (Initials) And Date:	KiKi 4-16 2607			KiKi 4-17 2610			KiKi 4-18 2618			KiKi 4-19 2626						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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

xplain corrective actions taken: _____

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: EXCAVATOR 350D Identification Number:

roject Number / Name: H P Rental ☑ ERRG ☐

Inspected By (Initials) And Date:	4-22 HOR 2634 KIKI			4/23 BP 2642			4/24 BP 2650			4/25 BP 2659			4/26 BP 2667			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	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	

xplain corrective actions taken: * Dent (Left Rear) [redacted].

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Skip Loader 210 John Deere Identification Number: FCGX94

roject Number / Name: # 2012 037 Rental ☐ ERRG ☑

Heavy Equipment Defects

Inspected By (Initials) And Date:	A.W. 4-22-13 HR 1488.2			A.W. 4-23-13 HR. 1495.0			A.W. 4-24-13 HR. 1500.4			A.W. 4-25-13 HR. 1502.2			A.W. 4-26-13 HR. 1504.7			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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: H2o Truck Identification Number:

roject Number / Name: HPNSY PB Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	2584, GPR 4.22-13			2593,1 4/23/13 R			2596.4 4/24/13			2603.3 4/25/13			2604.3 4/26/13			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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	windshield has a
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	chip, minor fender
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	and bumper damage
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	back up alarm
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	works sometimes
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Left rear back
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	up light out
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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: H2O Truck 8U94768 **Identification Number:** _____

roject Number / Name: HPSYRB **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	2553.7 PL 4/15/13			2559.8 PL 4/15/13			2566.13 PL 4/16/13			2572.5 PL 4/17/13			2578.8 PL 4/18/13			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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	abs light on
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	some fender
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	and body damage
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Left side backup
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	light not working
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	4-17-13 Back
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	up alarm worked
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	when checked out
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	in morning inspection
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Not work in
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☑	☐	afternoon
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	front window was
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	chip
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☑	☐	☑	☐	☐	☑	☑	☐	
Lights and signals operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken: _____

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Forklift 5G6 Identification Number: UJ9B64

roject Number / Name: 2012.037 Rental ☒ ERRG ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	BR 4/22/13 157651			4-23-13 157689 FL			4-24-13 1577.3			4-25-13 1578.1 FL			4-26-13 1578.9 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?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

xplain corrective actions taken: Damage on left side of forks

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KUBOTA **Identification Number:** TW 11078

roject Number / Name: HANS, PARCEL B **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	4/11/13 882.6			4/12/13 886.4			4/15/13 888.6			4/16/13 892.4			4/17/13 895.2			
	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	✓			✓						✓			✓			

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KUBOTA **Identification Number:** TW 11078

roject Number / Name: HPWS PARCEL B **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	4/18/13 898.4			4/19/13 901.8			4/22/13 904.3			4/23 907.1			4/24/13 910.9			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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: TW11077

Project Number / Name: HPNS Rental ☐ ERRG ☑

Heavy Equipment Defects																
Inspected By (Initials) And Date:	4-22-13 AA 5409			4-23 5927			4-24-13 EC 5940			4-25-13 5958			4-26-13 5973			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? NA	☑	☐	☑	☐	☐	☑	☑	☐	☐	☐	☐	☑	☐	☐	☑	
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?	☑	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	LEFT REAR OUT
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☑	☐	☐	☑	☐	

Explain corrective actions taken: PARKING BRAKE WORN OUT !

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 26/04/13

REPORT NO 114

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued loading out waste soil stockpiles northeast of Building 121, transporting the waste soil to Parcel D-1 and placing in new stockpile.
	Performed maintenance of truck haul roads, street sweeping, and dust control.
	Continued installing erosion control blanket over the soil cover between Building 103 and Building 117, between Donahue St and the drainage
	swale, and between Building 104 and English St. Verified that the activities complied with the Soil 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.

Spencer Slominski — 04/26/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/26/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/26/13

Photo 1: Soil Cover Installation – Erosion control blanket installed over the soil cover between Building 103 and Building 117

HPNS Parcel B Remedial Action, San Francisco, California

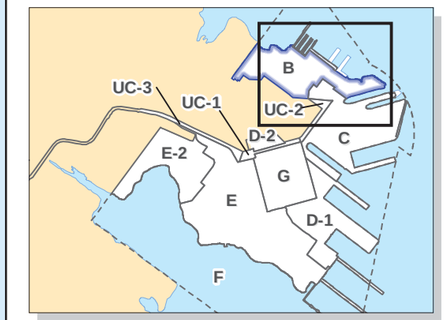
Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 26, 2013

Photo 2: Soil Cover Installation –Erosion control blanket installed over the soil cover between Donahue St and the drainage swale

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 26, 2013

Photo 3: Soil Cover Installation – Stockpile of waste soil in Parcel D-1
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: April 26, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 29/04/13	REPORT NO: 115
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 70	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew loading out and transporting revetment stockpile to the D-1 triangle, 5	ERRG	1	Project Manager	0
	end dumps in the loop.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
04	Crew working on installing CTRM and erosion control blankets on the slope	ERRG	2	QC Staff	20
	above McCann St.	ERRG	4	Equipment Operators	25
		ERRG	7	Laborers	55
		ERRG	1	Truck Driver	8
		Kevin Lawson Trucking	5	End Dump Drivers	35

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: 169
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: 15,323
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: 15,492
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.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
01	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS
04	95 loads (~1710 cy) of stockpiled material moved to the D-1 triangle

James Nores 04/29/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	29/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	115 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	70
MIN TEMP (F)	55

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
04	ERRG	JD 650 dozer	0
04	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 04/29/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/29/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL SPOIL TO AREA D-1, INSTALL GEOFABRIC ON HYDROSEEDED AREAS.

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, TENANTS, LIFTING, SOFT SURFACES

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs; gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Brian Kerr	ERRG	
Barry P	" " "	
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
Fernando Leon	ERRG	
Jim Nguyen	ERRG	
Raul Rodriguez	ERRG	
Enrique Ramirez	ERRG	
Adolfo Madrigal	ERRG	
Marlon Rivera	ERRG	
Spencer Johnson	ERRG	
Mike Bartset	ERRG	
Ed Gordero	ERRG	
Fernando Corona	J.D.C	
Edmar Cordero	BUTCH TRK.	
Ernie De Guzman	ROLLIN A	
Sam Torres	Torres Trans	
Spencer Slomingki	ERRG	

Health & Safety Officer Richard Epp SUPERINTENDENT James Nores

SIGNATURE SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 SITE PREP
10 SOIL COVER (HAUL SOIL)
#11 EROSION CONTROL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		4/29/13 @0700
Site Safety and Health Officer:	[redacted] R. EAP		4/29/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		4/29/13 0700
Employee(s):	BRIAN KERR		4/29/13 0700
	Boris P		4/29/13 0700
	Rodrigo Pulido	Rodrigo	4/29/13 07:00
	Jim Aguirre		4/29/13 0700
	Lupe Trujillo	Lupe	4/29/13 07:00
	Fernando Loza		4/29/13 0700
	Paul Rodriguez		4/29/13 0700
	ENRIQUE MARTINEZ		4-29-13 0700
	Adolfo Madrigal	Adolfo M.	4-29-13 0700
	Marlon Rivera		4-29-13 0700
	Spencer Johnson		4/29/13 0700
	Mike Babad		4/29/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	4/29/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

HAULING SPOIL TO AREA D-1 FROM LAYDOWN AREA & @ BLDG. 156

MAINTAINING HAUL ROAD

INSTALLING GEOFABRIC ON HYDROSEEDED SLOPES EAST AND SOUTH OF BLDG. 104, COMPLETED FABRIC NORTH OF BLDG. 104.

EQUIPMENT - EXCAVATOR, 5 CONTRACT END DUMP TRUCKS, END LOADER, FORKLIFT, SKIPLOADER, WATER TRUCK, 2 KUBOTAS.

Signed: [signature] Date: 4/29/13

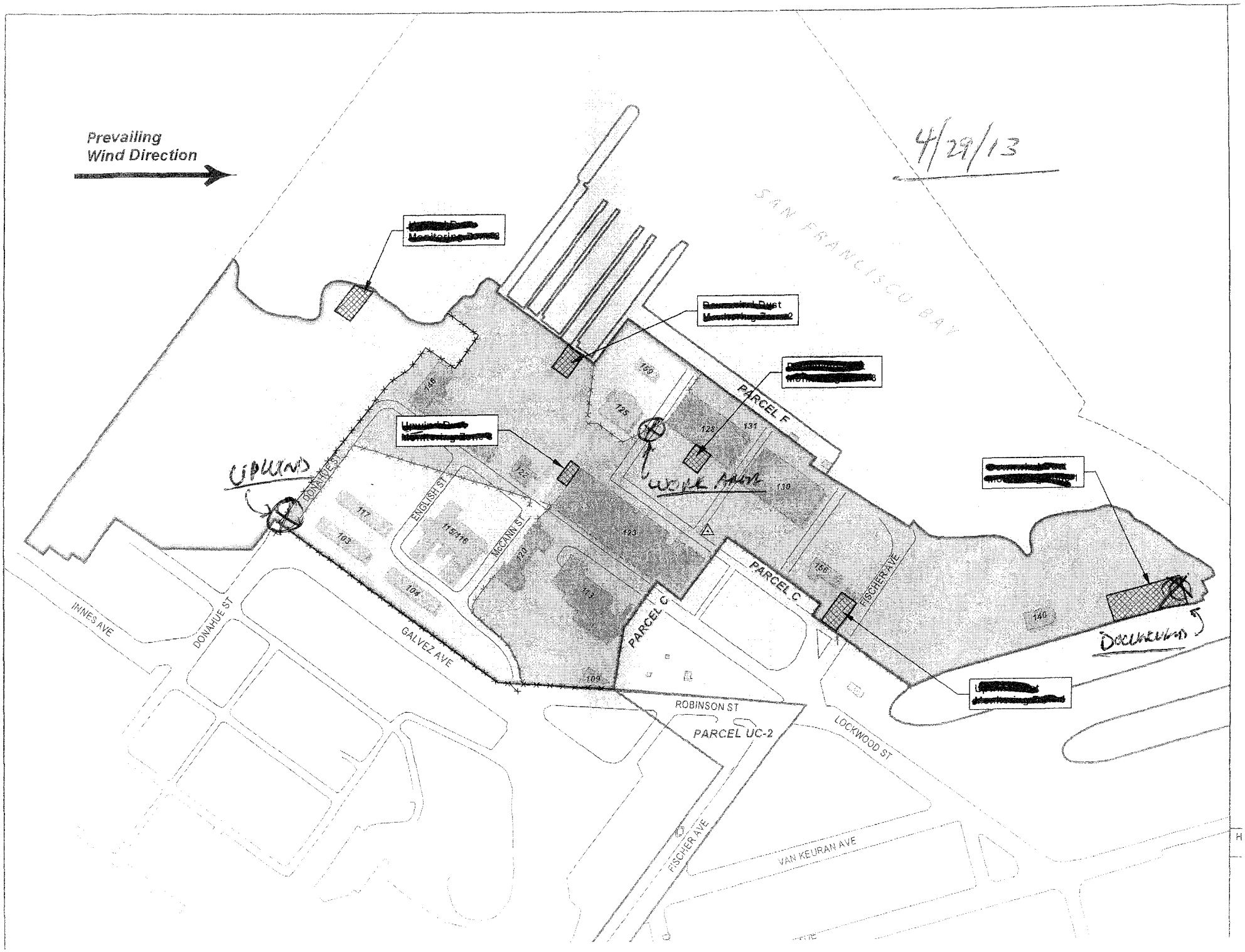
ERRG

AIR MONITORING LOG SHEET

ERRG

[illegible]	Richard Epp	Client:	US Navy
[illegible]	Hunters Point Naval Shipyards	Project No.:	2012-037
[illegible]	Parcel B	Page:	of
[illegible]alibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / DONAHUE @ GRAVEZ METER # 1161	4/29/13	0738	0.079	0.077	
		0826	0.092	0.082	
		0930	0.080	0.075	
		1036	0.062	0.070	
		1125	0.065	0.069	
		1252	0.051	0.065	
		1348	0.057	0.064	
		1442	0.055	0.063	
WORK AREA / NEAR BLDG 125 METER # 1008	4/29/13	0722	0.088	0.090	
		0823	0.082	0.081	
		0935	0.068	0.077	
		1038	0.081	0.074	
		1129	0.069	0.074	
		1248	0.061	0.071	
		1346	0.065	0.071	
		1444	0.067	0.070	
DOWNWIND / DD #3 @ SHORELINE / METER # 10973	4/29/13	0719	0.081	0.081	
		0824	0.102	0.101	
		0937	0.084	0.098	
		1052	0.089	0.095	
		1132	0.087	0.094	
		1234	0.074	0.093	
		1328	0.083	0.090	
		1447	0.085	0.089	



Prevailing
Wind Direction
4/29/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
117
103
104
115/116
120
122
123
113
109
125
128
131
130
156
140
146

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 29/04/13

REPORT NO 115

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Finished loading out waste soil stockpiles northeast of Building 121 and next to Building 156, transporting the waste soil to Parcel D-1 and
	placing in new stockpile. Performed maintenance of truck haul roads, street sweeping, and dust control.
	Continued installing erosion control blanket and composite turf reinforcement matting (CTRM) over the soil cover adjacent to Building 104 and
	between Building 104 and McCann St. Erosion control blanket is being installed on slopes less than 30%, and CTRM is being installed on
	slopes steeper than 30%.
	Verified that the activities complied with the Soil 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.

Spencer Slominski — 04/29/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/29/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/29/13

Photo 1: Soil Cover Installation – Erosion control blanket installed over the soil cover on the northeast side of Building 104

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 29, 2013

Photo 2: Soil Cover Installation –CTRM installed over the soil cover between Building 104 and Galvez Ave

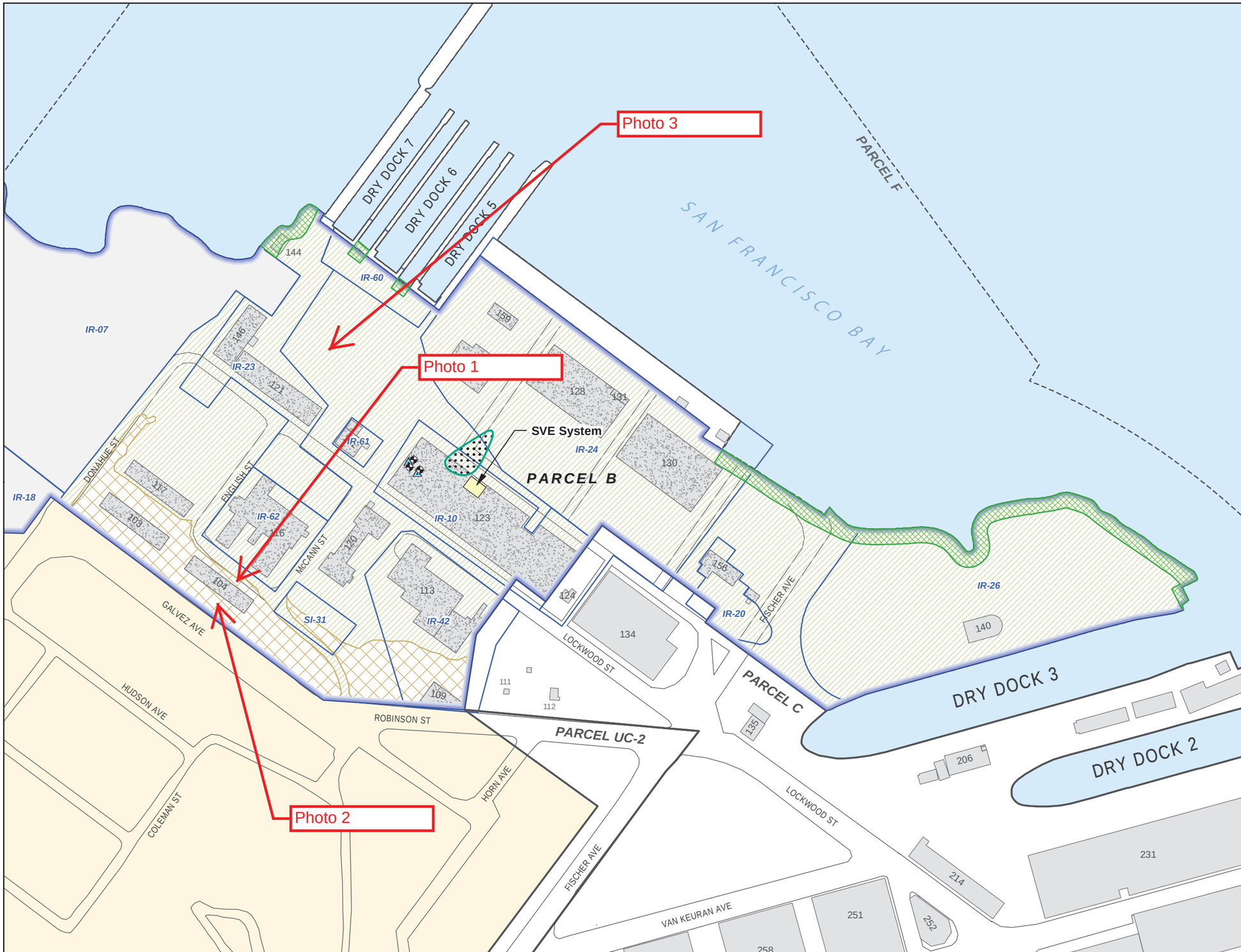
HPNS Parcel B Remedial Action, San Francisco, California

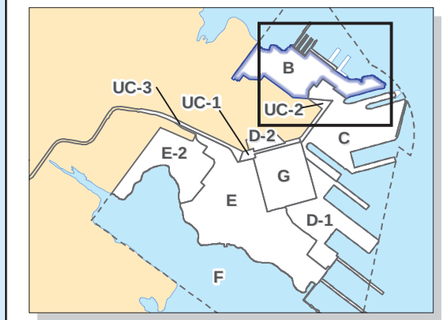
Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 29, 2013

Photo 3: Soil Cover Installation – Loading out waste soil stockpile for transport to Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 29, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 30/04/13	REPORT NO: 116
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 70	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew loading out and transporting revetment debris to the D-1 triangle	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	8
04	Crew working on installing CTRM and erosion control blankets on the slope	ERRG	1	H&S Officer	8
	above McCann St.	ERRG	2	QC Staff	20
		ERRG	5	Equipment Operators	28
05	Begin some light grading east of building 115	ERRG	6	Laborers	44
		ERRG	3	Truck Driver	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: 142
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: 15,492
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: 15,634
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.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	0
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	43 loads of concrete revetment debris transported to the D-1 triangle
04	Weekly QC Meeting today with Navy and ERRG QC, H&S and Supervisory staff
04	Meet with Deborah and David from "The Point" to discuss their needs for the Artist show this weekend and to coordinate access to parking areas

James Nores 04/30/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	30/04/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	116 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	70
MIN TEMP (F)	55

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
04	ERRG	JD 650 dozer	0
04	ERRG	JD 210 Skip Loader	8
04	ERRG	JD 310 Backhoe	0
04	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 04/30/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 4/30/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL DEBRIS TO AREA D-1, TRANSFER COVER SOIL, FILL ROCK + RIP RAP TO AREA BEHIND BLDG 113, INSTALL GEO FABRIC ON SLOPES

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, SPEED, EQUIPMENT, HEAT & HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb, VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
BRIAN KERR	ERRG	
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	
Paul Rodriguez	ERRG	
Enrique Martinez	ERRG	
Jim Aguiar	ERRG	
F. Lozada	ERRG	
Manuel Rivera	ERRG	
Adolfo Madrigal	ERRG	
Mike Bowlest	ERRG	
Boris Pakhilo	" "	
Greg Bailey	ERRG	
Spencer Johnson	ERRG	
Spencer Slominski	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 SITE PREP. 10 SOIL COVER (HAUL SPOIL) #11 EROSION CONTROL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	4/30/13 @0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	4/30/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	4/30/13 0709
Employee(s):	BRIANKERR	[signature]	4/30/13 0700
	Rodrigo Pulido	Rodrigo	4/30/13
	Lupe Trujillo	LUPE	4/30/13
	Paul Rodriguez	[signature]	4/30/13
	ENRIQUE MARTINEZ	[signature]	4 30-13
	Jim Aguiar	[signature]	4-30-13 0700
	F. LOZA	[signature]	4-30-13 0700
	Marlon Rivera	[signature]	4-30-13 0700
	Adolfo Madrigal	Adolfo M.	4-30-13 0700
	Mike Barbosa	[signature]	4-30-13 0700
	Boris Portillo	Boris [signature]	4/30/13 0700
	King Barker	[signature]	4-30-13 @ 0700
	Spencer Johnson	[signature]	4/30/13 0700

EPPC

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Downwind @ Grove Motor # 1161	4/30/13	0724	0.083	0.082	
		0822	0.074	0.077	
		0915	0.072	0.076	
		1036	0.067	0.071	
		1247	0.065	0.069	
		1349	0.066	0.067	
		1447	0.069	0.067	
WORK AREA / Downwind Fence / Motor # 1008	4/30/13	0720	0.091	0.095	
		0816	0.081	0.091	
		0912	0.081	0.096	
		1034	0.076	0.092	
		1244	0.102	0.096	
		1351	0.098	0.087	
		1445	0.072	0.091	
Downwind / DD # 3 @ Shipyard / Mini # 10973	4/30/13	0716	0.103	0.101	
		0811	0.109	0.107	
		0910	0.102	0.102	
		1030	0.097	0.101	
		1242	0.092	0.096	
		1344	0.097	0.096	
		1442	0.094	0.096	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	4/30/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	USN - Peter Stroganoff, Doug DuLong, Shirley Ng, Andy Vettis TTECH - Chad Bradford		

Description of Field Activities:

Hauling concrete debris from laydown area to area D-1.

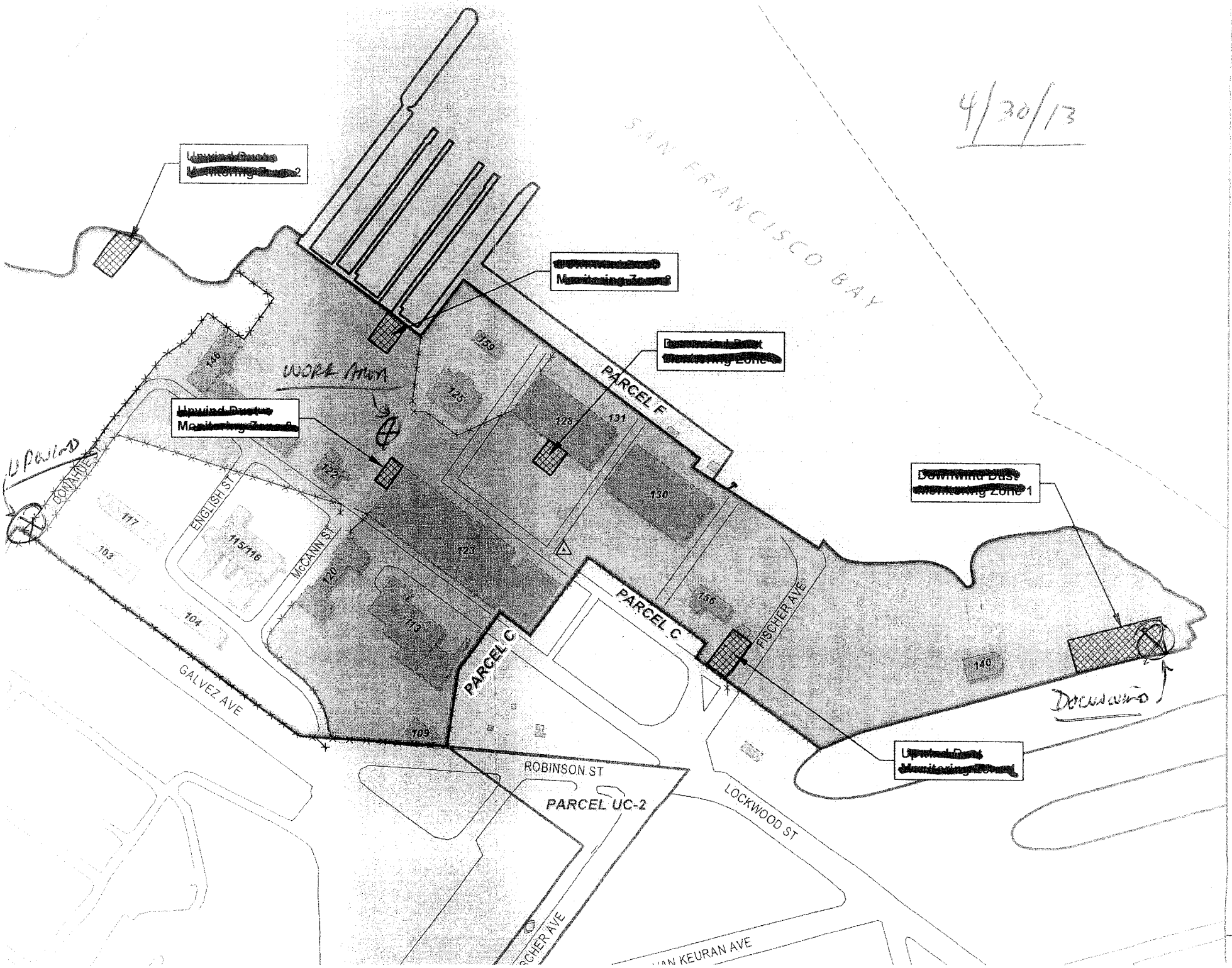
Installing geo fabric over hydroseed on slope bounded by Galvez, McCann + Bldg. 104

Working on roads and area around artists bldgs.

Equipment: Excavator, 2 off-road dump trucks, end loader, grader, skip loader, 2 water trucks, forklift, street sweeper, 2 kubotas.

Signed: [signature] Date: 4/30/13

ERRG


4/30/13
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
WORK AREA
UPWIND
DOWNWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
115/116
103
120
104
113
156
140
109

NAVFAC
Naval Facilities Engineering Command

WORKSHEET FOR
CONTRACTOR SAFETY SELF-EVALUATION

ROICC OFFICE: NAVFAC SCW DATE: 4/30/13
CONTRACTOR: ERRG, INC.
CONTRACT TITLE: REMEDIAL ACTION AT PARCEL B CONTRACT % COMPLETE: 47%
CONTRACTOR SUPERINTENDENT: JAMES NORES

CATEGORY:					Date Corrected:
PREPARATORY PHASE (Planning) Comments/Notes:	(Yes)	(No)	(N/A)	1) Activity Hazard Analysis performed and used on the site for each major phase of the work?	
	(Yes)	(No)	(N/A)	2) Are weekly safety meetings and indoctrination held on site and documented for all workers?	
	(Yes)	(No)	(N/A)	3) Is the submitted safety plan on site and in use?	
	(Yes)	(No)	(N/A)	4) Is the Activity Hazard Analysis reviewed during the preparatory inspection?	
	(Yes)	(No)	(N/A)	5) Hazardous materials program in place with MSDS sheets available and maintained for easy reference?	
	(Yes)	(No)	(N/A)	6) EM 385-1-1 available on the site?	
	(Yes)	(No)	(N/A)	7) Other? Extra Credit? DAILY SAFETY TAILGATE	
OFFICE TRAILER GENERAL Comments/Notes:	(Yes)	(No)	(N/A)	8) Are office and storage trailers anchored?	
	(Yes)	(No)	(N/A)	9) Are emergency phone numbers posted?	
	(Yes)	(No)	(N/A)	10) Is a phone available?	
	(Yes)	(No)	(N/A)	11) First aid log maintained (contractors must use OSHA Form 200)?	
	(Yes)	(No)	(N/A)	12) Toilet facilities available?	
	(Yes)	(No)	(N/A)	13) Site posted "HARD HAT AREA," "NOISE HAZARD," "CONSTRUCTION AREA," etc., as required?	
	(Yes)	(No)	(N/A)	14) Garbage cans and dumpsters available?	
	(Yes)	(No)	(N/A)	15) Jobsite cleaned daily?	
	(Yes)	(No)	(N/A)	16) Is traffic control around site adequate?	
	(Yes)	(No)	(N/A)	17) Other? Extra Credit?	
FIRE PREVENTION Comments/Notes:	(Yes)	(No)	(N/A)	18) Are fire extinguishers available, fully charged, and easily visible within 75 feet for low hazard areas?	
	(Yes)	(No)	(N/A)	19) Is fuel stored in proper containers?	
	(Yes)	(No)	(N/A)	20) Are hot work permits being obtained?	
	(Yes)	(No)	(N/A)	21) Are fire watches provided?	
	(Yes)	(No)	(N/A)	22) Are gas cylinders stored upright and secured with chain or rope?	
	(Yes)	(No)	(N/A)	23) Other? Extra Credit? MONTHLY EXTINGUISHER INSPECTION	
	(Yes)	(No)	(N/A)	24) Other? Extra Credit?	
SCAFFOLD SAFETY Comments/Notes:	(Yes)	(No)	(N/A)	25) Are daily scaffold inspections performed by designated competent person?	
	(Yes)	(No)	(N/A)	26) Planks overlapped not less than 6" or more than 12" over end supports with toe boards in place?	
	(Yes)	(No)	(N/A)	27) Tubing pinned properly and all cross bracing in place?	
	(Yes)	(No)	(N/A)	28) If scaffold height is 4X smallest base dimension, is system secured to structure?	
	(Yes)	(No)	(N/A)	29) All guardrails are in place?	
	(Yes)	(No)	(N/A)	30) Full work platform at each working level with no cracks/splits?	
	(Yes)	(No)	(N/A)	31) Safe access provided to each working level?	
	(Yes)	(No)	(N/A)	32) Scaffold and components not overloaded?	
	(Yes)	(No)	(N/A)	33) Is scaffold system plumb and level?	
	(Yes)	(No)	(N/A)	34) Suspended scaffold systems using independent personal fall arrest system?	
	(Yes)	(No)	(N/A)	35) Other? Extra Credit?	
FALL PROTECTION Comments/Notes:	(Yes)	(No)	(N/A)	36) Is a full body harness used where applicable?	
	(Yes)	(No)	(N/A)	37) Tied off at all times to structural element capable of supporting 5,000 lbs/person 100%?	
	(Yes)	(No)	(N/A)	38) Is protection provided for all working in an areas where they could fall 6' or more?	
	(Yes)	(No)	(N/A)	39) Are employees trained for fall protection systems in use?	
	(Yes)	(No)	(N/A)	40) Has the contractor designated a competent person for fall protection?	
	(Yes)	(No)	(N/A)	41) Have standard guardrails been provided where needed?	
	(Yes)	(No)	(N/A)	42) Have horizontal life lines been designed and installed under supervision of a qualified person?	
	(Yes)	(No)	(N/A)	43) Other? Extra Credit?	

CATEGORY					Date Corrected:
LADDER SAFETY	(Yes)	(No)	(N/A)	44) Do ladders extend 3' above landing platform and tied to structure?	
Comments/Notes	(Yes)	(No)	(N/A)	45) Are ladders used with hand tools only?	
	(Yes)	(No)	(N/A)	46) Are ladder base distances from structure 1/4 height?	
	(Yes)	(No)	(N/A)	47) Are floor openings either covered or surrounded by a guardrail?	
	(Yes)	(No)	(N/A)	48) Electricians not using portable or conductive ladders?	
	(Yes)	(No)	(N/A)	49) Stairways provided on all structures over 20' during construction and supplied with guardrail?	
	(Yes)	(No)	(N/A)	50) Portable step ladders over 20' not used on the site?	
	(Yes)	(No)	(N/A)	51) Are ladders properly used?	
	(Yes)	(No)	(N/A)	52) Other? Extra Credit?	
EXCAVATIONS	(Yes)	(No)	(N/A)	53) Over 4' deep must have a ladder within 25' and two means of egress?	
Comments/Notes	(Yes)	(No)	(N/A)	54) Has proper slope or trench box/shoring been provided?	
	(Yes)	(No)	(N/A)	55) Is water controlled/removed?	
	(Yes)	(No)	(N/A)	56) Is excavated material at least 2' back from trench edge?	
	(Yes)	(No)	(N/A)	57) Barricaded, etc., to prevent workers and public from falling into trench/hole?	
	(Yes)	(No)	(N/A)	58) In locations of known or suspected contamination, is excavation atmosphere monitored?	
	(Yes)	(No)	(N/A)	59) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	60) Other? Extra Credit?	
ELECTRICAL	(Yes)	(No)	(N/A)	61) Are temporary power panel and receptacles protected from weather?	
Comments/Notes	(Yes)	(No)	(N/A)	62) GFI's in use for site tools - applies to existing outlets in renovation projects as well?	
	(Yes)	(No)	(N/A)	63) Temporary lights rigged and secured to supports properly with covers?	
	(Yes)	(No)	(N/A)	64) If overhead power lines in area, are operations maintaining 10' distance or isolation?	
	(Yes)	(No)	(N/A)	65) Is lockout/tagout program in effect?	
	(Yes)	(No)	(N/A)	66) Sketch of proposed temporary power distribution been submitted/accepted before installing?	
	(Yes)	(No)	(N/A)	67) Other? Extra Credit? SIGNAGE FOR OVERHEAD POWER LINES IN PLACE	
	(Yes)	(No)	(N/A)	68) Other? Extra Credit?	
CRANES	(Yes)	(No)	(N/A)	69) Has periodic inspection been performed prior to use on site IAW EM 385-1-1, App. H?	
Comments/Notes	(Yes)	(No)	(N/A)	70) Are App. H daily start up inspections performed by operator and submitted with DRI?	
	(Yes)	(No)	(N/A)	71) Is crane operator qualified IAW EM 385-1-1, App. G, and is crane certification posted in cab?	
	(Yes)	(No)	(N/A)	72) Are workers protected from the crane swing radius and prevented from passing under the load?	
	(Yes)	(No)	(N/A)	73) Are rigging cables and slings in good repair free of kinks and cracks?	
	(Yes)	(No)	(N/A)	74) Is the crane level and on firm ground and outriggers in use with appropriate cribbing?	
	(Yes)	(No)	(N/A)	75) Is crane side loading prohibited?	
	(Yes)	(No)	(N/A)	76) Near electric power sources, are rules followed for clearance/isolation in operating zone?	
	(Yes)	(No)	(N/A)	77) Is crane equipped with anti two-block device if required?	
	(Yes)	(No)	(N/A)	78) Other? Extra Credit?	
CONFINED SPACES	(Yes)	(No)	(N/A)	79) Has entry plan been submitted and accepted?	
Comments/Notes	(Yes)	(No)	(N/A)	80) Is atmosphere being monitored?	
	(Yes)	(No)	(N/A)	81) Is space being ventilated?	
	(Yes)	(No)	(N/A)	82) Are entrants, attendants and entry supervisor properly trained?	
	(Yes)	(No)	(N/A)	83) Is rescue/retrieval system in place?	
	(Yes)	(No)	(N/A)	84) Are daily entry permits posted at point of entry and signed by entry supervisor?	
	(Yes)	(No)	(N/A)	85) Is point of entry posted "DANGER CONFINED SPACE"?	
	(Yes)	(No)	(N/A)	86) Has blanking or locking out of systems taken place?	
	(Yes)	(No)	(N/A)	87) Other? Extra Credit?	
ROOFING	(Yes)	(No)	(N/A)	88) Are kettles at least 25 feet away from buildings?	
Comments/Notes	(Yes)	(No)	(N/A)	89) Has an employee fall protection system been implemented and in proper use?	
	(Yes)	(No)	(N/A)	90) Are skylights and roof penetrations covered or barricaded appropriately?	
	(Yes)	(No)	(N/A)	91) Has the roof been evaluated for its ability to support the intended construction loads?	
	(Yes)	(No)	(N/A)	92) Has the roof been surveyed for deterioration?	
	(Yes)	(No)	(N/A)	93) Are two fire extinguishers at the kettle?	
	(Yes)	(No)	(N/A)	94) Fuel cylinder a minimum of 10' from open flame?	
	(Yes)	(No)	(N/A)	95) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	96) Other? Extra Credit?	

CATEGORY					Date Corrected:
EQUIPMENT Comments/Notes	(Yes)	(No)	(N/A)	97) Are forklift operators qualified through training at the site (certificate included in Safety Plan)?	
	(Yes)	(No)	(N/A)	98) Mobile equipment equipped with rollover cages and backup alarms with moving parts adequately guarded?	
	(Yes)	(No)	(N/A)	99) Are equipment operations maintaining safe clearance from electrical power lines?	
	(Yes)	(No)	(N/A)	100) Modifications meet safety rating in accordance with manufacturer (i.e., lifting personnel with forklift)?	
	(Yes)	(No)	(N/A)	101) Are safety lashings provided for high pressure hose connections, i.e., air compressors?	
	(Yes)	(No)	(N/A)	102) Are workers clear of blind spots associated with mobile construction equipment?	
	(Yes)	(No)	(N/A)	103) Do aerial lifts have basket/platform with guardrail?	
	(Yes)	(No)	(N/A)	104) Workers not extending over guardrail of aerial lifts?	
	(Yes)	(No)	(N/A)	105) Are articulating boom platforms (JLG type) used with Full Body Harness attached to boom or basket?	
	(Yes)	(No)	(N/A)	106) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	107) Other? Extra Credit?	
DEMOLITION Comments/Notes	(Yes)	(No)	(N/A)	108) Has demolition plan been submitted and accepted?	
	(Yes)	(No)	(N/A)	109) Waste not being dropped > 6' unless in an enclosed chute and area secured from traffic?	
	(Yes)	(No)	(N/A)	113) For building demolition, has notification been made to State having jurisdiction?	
	(Yes)	(No)	(N/A)	114) Are nails removed from scrap lumber/materials?	
	(Yes)	(No)	(N/A)	115) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	116) Other? Extra Credit?	
PPE Comments/Notes	(Yes)	(No)	(N/A)	117) Workers wearing leather shoes (no tennis shoes), long pants and sleeve shirt?	
	(Yes)	(No)	(N/A)	118) Hard hats being worn?	
	(Yes)	(No)	(N/A)	119) Safety glasses where appropriate?	
	(Yes)	(No)	(N/A)	120) Hearing protection where appropriate? (if you need to yell to converse)	
	(Yes)	(No)	(N/A)	121) Respirators where appropriate?	
	(Yes)	(No)	(N/A)	122) Impalement protection provided where personnel could work above vertical impalement?	
	(Yes)	(No)	(N/A)	123) Is lighting adequate?	
	(Yes)	(No)	(N/A)	124) Other? Extra Credit?	
ABATEMENT Comments/Notes	(Yes)	(No)	(N/A)	125) Has abatement plan been submitted and accepted?	
	(Yes)	(No)	(N/A)	126) Is independent air monitoring being performed as required inside and outside barriers?	
	(Yes)	(No)	(N/A)	127) Is containment in place without integrity compromise?	
	(Yes)	(No)	(N/A)	128) Are employees utilizing appropriate PPE?	
	(Yes)	(No)	(N/A)	129) If negative air is used, are fans used continuously and monitored for pressure differential?	
	(Yes)	(No)	(N/A)	130) Has baseline been performed and necessary final clearance readings taken?	
	(Yes)	(No)	(N/A)	131) Are inspections by independent PQP performed prior to barrier removal?	
	(Yes)	(No)	(N/A)	132) Is waste material properly containerized and stored?	
	(Yes)	(No)	(N/A)	133) Are air monitoring results provided to ROICC?	
	(Yes)	(No)	(N/A)	134) Are waste shipment records provided to ROICC?	
	(Yes)	(No)	(N/A)	135) Other? Extra Credit?	
WATERFRONT ACTIVITIES Comments/Notes	(Yes)	(No)	(N/A)	136) Are employees wearing appropriate flotation devices (PFDs)?	
	(Yes)	(No)	(N/A)	137) Is a space rescue skiff available?	
	(Yes)	(No)	(N/A)	138) Are emergency life rings available?	
	(Yes)	(No)	(N/A)	139) If diving operations are taking place, has a dive plan been submitted and accepted?	
	(Yes)	(No)	(N/A)	140) Does dive team consist of proper number and qualifications for employees?	
	(Yes)	(No)	(N/A)	141) Other? Extra Credit? PFD SIGNAGE ON SHORELINE	

SCORING: Total applicable for each category = X (where X includes responses for category of "Yes" and "No" but does not include N/A)
Total with "Yes" responses for each category = Y

SCORE FOR EACH CATEGORY: SCORE RATE EQUATION = Y / X

1 PREPARATORY PHASE:	1	6 LADDER SAFETY:	1	11 ROOFING:	—
2 OFFICE TRAILER GENERAL	1	7 EXCAVATIONS:	—	12 EQUIPMENT:	1
3 FIRE PREVENTION:	1	8 ELECTRICAL:	1	13 DEMOLITION:	1
4 SCAFFOLD SAFETY:	—	9 CRANES:	—	14 PPE:	1
5 FALL PROTECTION:	1	10 CONFINED SPACES	—	15 ABATEMENT:	1
				16 WATERFRONT ACTIVITIES:	1

OVERALL RATING = LOWEST RATING FOR ANY CATEGORY: 1

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	30/04/13
REPORT NO	116

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued loading out stockpiles of concrete and rocky debris from area northeast of Building 121, transporting the debris to Parcel D-1 and
	placing in new stockpile area. Performed maintenance of truck haul roads, street sweeping, and dust control.
	Continued installing erosion control blanket and composite turf reinforcement matting (CTRM) over the soil cover area between McCann St
	and Galvez Ave. Erosion control blanket is being installed on slopes less than 30%, and CTRM is being installed on slopes steeper than 30%.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Performed light grading to fill surface depressions north of Building 115.

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
	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Shirley Ng, Andrew Uehisa), Navy BRAC PMO (Douglas Delong),
	ERRG QCM (Spencer Slominski), ERRG Superintendent (James Nores), ERRG SSHO (Richard Epp), and ERRG QC staff (Spencer Johnnson,
	Mike Babst).

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.

Spencer Slominski — 04/30/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 04/30/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 04/30/13

Photo 1: Soil Cover Installation – Installation of CTRM and erosion control blanket over the soil cover between McCann St and Galvez Ave

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 30, 2013

Photo 2: Soil Cover Installation – Installation of CTRM and erosion control blanket over the soil cover between McCann St and Galvez Ave

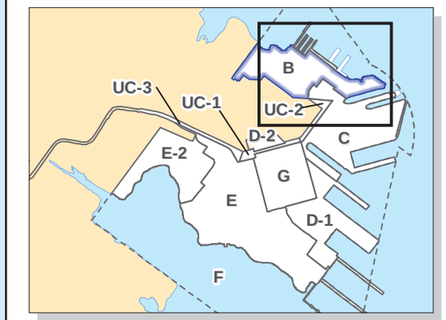
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: April 30, 2013

Photo 3: Soil Cover Installation – Loading out stockpile of concrete debris for transport to Parcel D-1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: April 30, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 01/05/13	REPORT NO: 117
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 70	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew loading out and transporting revetment debris to the D-1 triangle	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
04	Crew working on installing CTRM and erosion control blankets on the slope	ERRG	1	H&S Officer	8
	above McCann St.	ERRG	2	QC Staff	20
		ERRG	5	Equipment Operators	26
05	Continue light grading east of building 115, to smooth out parking area for	ERRG	6	Laborers	42
	artist show this weekend- remove temp fence.	ERRG	4	Truck Driver	28
		Selby	2	Hydroseeder	16
04	Selby on site to place hydro seed on the slope below McCann St.				

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	160
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	15,634
TOTAL WORK HOURS FROM START OF CONSTRUCTION	15,794

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
01		1 pallet of straw wattle- 400 lin feet
05		Cat 14H Motor Grader
05		Cat 615 Paddle Wheel Scraper

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	2
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	28 loads of concrete revetment debris transported to the D-1 triangle (Haul truck loads)
04	25 loads of asphalt revetment debris transported to the D-1 triangle (Haul truck loads)

James Nores — CONTRACTOR/SUPERINTENDENT

05/01/13 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	01/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	117 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	70
MIN TEMP (F)	55

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
05	Harris Blade	Cat 14H Motor Grader	4
04	ERRG	JD 210 Skip Loader	4
05	Harris Blade	Cat 615 paddle wheel scraper	0
04	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 05/01/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 5/1/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL DEBRIS TO AREA D-1, GEOTEXTILES OVER HYDROSEEDED SLOPES, HYDROSEEDING, REMOVE PLASTIC DUST COVERS ON WINDOWS

SAFETY TOPICS PRESENTED LADDER SAFETY.

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, HYDROSEEDING, LIFTING, LOSSE SOIL FOOTING, HART,

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
F. LOZA	ERRG	[signature]
G. Trujillo	ERRG	G. Trujillo
Rodrigo Pulido	ERRG	Rodrigo [signature]
Marlon Rivera	ERRG	[signature]
BRIAN KERR	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Boris Portillo	" "	Boris Portillo
Paul Rodriguez	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Jim [illegible]	ERRG	[signature]
Toney Green	ERRG	[signature]
Spencer Slaminski	ERRG	[signature]
King Bailey	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Bobst	ERRG	[signature]
B. [illegible]	ERRG	B. [illegible]
Chris Gruber	Selby Soil	[signature]
Ben Burke	Selby Soil	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#1 SITE PREP
#10 SOIL COVER (HAUL DOWN)

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 11 EROSION CONTROL (GEOTEXTILE + HYDROSEED)

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/1/13 @0200
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/1/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/1/13 0700
Employee(s):	F. LOZA	[signature]	5/1/13 @700
	G. Trujillo	G. Trujillo	5/1/13 @ 700
	Rodrigo Pulido	Rodrigo	5/1/13 07:00
	Marlon Rivera	[signature]	5/1/13 07:00
	Adolfo Madrigal	Adolfo M.	5-1-13 0700
	Brian Kerr	[signature]	5/1/13 0700
	Boris Portillo	Boris P.	5/1/13 0700
	Paul Rodriguez	[signature]	5/1/13 0700
	ENRIQUE MARTINEZ	[signature]	5-1-13 - 0700
	Jim Aguiar	[signature]	5-1-13 - 0700
	Toney Green	[signature]	5-1-13 0700
	King Bailey	[signature]	5-1-13 0700
	Spencer Johnson	[signature]	5/1/13 0700
	Mike Babst	[signature]	5/1/13 0700
	B. Lenlasca	B. [signature]	5-1-13 0700

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: 11 HYDROSEEDING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		5-1-13 / 9:30
Site Safety and Health Officer:	[redacted] R. EAP		5-1-13 / 9:30
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		5/1/13 9:30
Employee(s):	Ben Burke		5-1-13 / 9:30
	Chris Gruber		5-1-13 9:30

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	5/1/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, HOT	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

CONTINUED HAULING RUBBLE TO AREA B-1.

INSTALLING GEOFABRIC ON SLOPES AT

REMOVING TEMP. FENCE AROUND ARTIST AREAS.

GRADING AREA NORTH OF ARTIST AREA FROM DONAHUE ST TO McCANN.

HYDROSEEDED SLOPED AREA BEHIND BLDG. 113 UP TO GALVEZ + McCANN

Signed: [signature] Date: 5/1/13

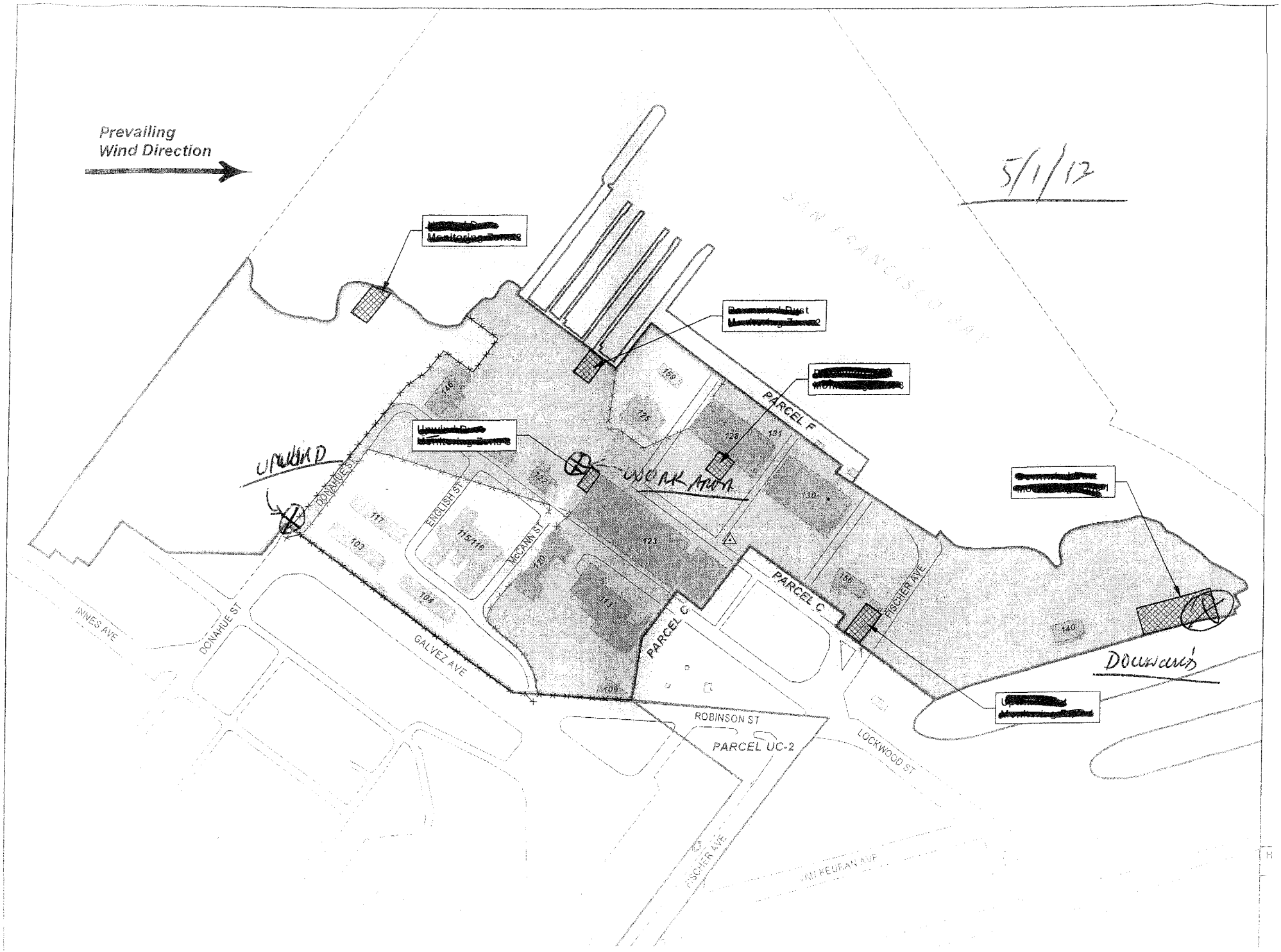
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Location:	Parcel B	Page:	of
Calibration (Date and Time):	5/1/13 0730	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND/Donahue @ Gawez Meter # 1161	5/1/13	0747	0.010	0.009	
		0836	0.002	0.008	
		0957	0.007	0.008	
		1105	0.009	0.008	
		1305	0.010	0.007	
		1412	0.003	0.007	
WORK AREA/East Fence of Laydown Area/Meter # 1008	5/1/13	0742	0.000	0.000	
		0834	0.006	0.012	
		0959	0.001	0.001	
		1112	0.000	0.000	
		1303	0.000	0.000	
		1414	0.000	0.001	
DOWNWIND/DD #3 @ Shoreline/Meter #10973	5/1/13	0735	0.000	0.000	
		0825	0.000	0.000	
		1001	0.000	0.000	
		1115	0.000	0.000	
		1300	OFF	—	RESTARTED
		1400	OFF	—	AGAIN.



Prevailing
Wind Direction
5/1/12
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 01/05/13

REPORT NO 117

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Finished loading out stockpiles of concrete and rocky debris from area northeast of Building 121, transporting the debris to Parcel D-1 and
	placing in new stockpile area. Performed maintenance of truck haul roads, street sweeping, and dust control.
	Continued installing erosion control blanket and composite turf reinforcement matting (CTRM) over the soil cover area between McCann St
	and Galvez Ave. Erosion control blanket is being installed on slopes less than 30%, and CTRM is being installed on slopes steeper than 30%.
	Applied seed and mulch mixture via hydroseeding over the soil cover area between McCann St and the boundary of Parcel B adjacent to Bulding 109.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Performed light grading to fill surface depressions north and east of Building 115.

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.

Spencer Slominski — 05/01/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 05/01/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**	**X**			Seeding performed on 4/17 and 5/1 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**	**X**			Seeding performed on 4/17 and 5/1 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**	**X**			Seeding performed on 4/17 and 5/1 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**	**X**			Seeding performed on 4/17 and 5/1 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**	**X**			
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**	**X**			
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**	**X**			
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 05/01/13

Photo 1: Soil Cover Installation – Erosion control blanket installed over the soil cover at the east corner of Building 104

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 1, 2013

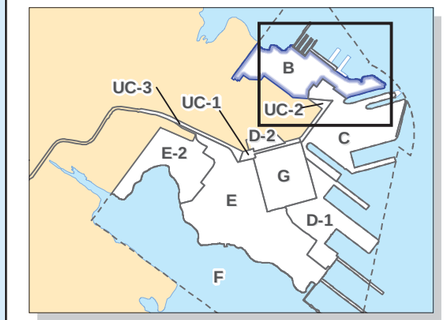
Photo 2: Soil Cover Installation – Hydroseeding the soil cover on the slope between McCann St and Building 109

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 1, 2013

Photo 3: Soil Cover Installation – Hydroseed mixture applied to the soil cover area between McCann St and Building 109
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: May 1, 2013

Photo 4: Soil Cover Installation – Stockpile of concrete debris moved to Parcel D-1
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: May 1, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	02/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	118		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Mild	PM WEATHER	Sunny/Warm
MAX TEMP (F)	70	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew loading out and transporting revetment debris to the D-1 triangle	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
04	Crew hand trenching along Galvez near building 109 for erosion control blanket	ERRG	1	H&S Officer	8
	key-in.	ERRG	2	QC Staff	20
		ERRG	4	Equipment Operators	26
05	Continue grading out area near B115/116/117 for artists show this weekend	ERRG	4	Laborers	26
	remove and realign temp fencing to facilitate access.	ERRG	4	Truck Driver	26
05	Crew removing remainder of light poles on Parcel B				

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	126
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	15,794
TOTAL WORK HOURS FROM START OF CONSTRUCTION	15,920

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	2
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	1 load of concrete revetment debris transported to the D-1 triangle (Haul truck load)
04	17 loads of wood revetment debris and power poles transported to the D-1 triangle (Haul truck loads)

James Nores 05/02/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	02/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	118 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)	55

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
05	Harris Blade	Cat 14H Motor Grader	8
04	ERRG	JD 210 Skip Loader	0
05	Harris Blade	Cat 615 paddle wheel scraper	0
04	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
04	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 05/02/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 5/2/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAUL DEBRIS TO AREA D-1, HAUL SOIL + ROCK TO AREA SOUTH OF BUILD 113, RELOCATE TEMP FENCING & GRADE IN ADJACT AREA, INSTALL GEOFABRIC

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCKS, EQUIPMENT, HEAT STRESS, LIFTING, TOMMUTE

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	
Tony Green	ERRG	
B. Lynsey	ERRG	
Adolfo Madrigal	ERRG	
Boris Portillo	" "	
Enrique Martinez	ERRG	
Raul Rodriguez	ERRG	
Marlon Riordan	ERRG	
Rodrigo Gulido	ERRG	
Hope Trujillo	ERRG	
Jim Acuipe	ERRG	
F. Lozo	ERRG	
Brian Kerr	ERRG	
Mike Bubst	ERRG	
Jason Slominski	ERRG	
Silvar John	ERRG	

Project Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Flores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #1 SITE PREP
10 SOIL COVER / MOVE MAT'L
#11 INSTALL GEOFABRICS

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/2/13 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	5/2/13 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/2/13 0700
Employee(s):	King Barley	[signature]	5-2-13 0700
	Toney Green	[signature]	5-2-13 0700
	B Lewasu	[signature]	5-2-13 0700
	Adolfo Madrigal	Adolfo M.	5-2-13 0700
	Boris Portillo	Boris P.	5/2/13 0700
	Paul Rodriguez	[signature]	5/2/13 0700
	Marlon Rivera	[signature]	5/2/13 0700
	Rodrigo Pulido	Rodrigo	5/2/13 07:00
	Lupe Trujillo	Lupe	5/2/13 07:00
	Jim Aguiar	[signature]	5-2-13 0700
	T. Lozo	[signature]	5-2-13 0700
	Brian Kerr	[signature]	5-2-13 0700
	Mike Babst	[signature]	5-2-13 0700
	Enrique Martinez	[signature]	5-2-13 0700
	Spencer Johnson	[signature]	5/2/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	5/2/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, HOT	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

REMOVED DEBRIS FROM LAYDOWN AREA; CONCRETE, ASPHALT & LUMBER

REMOVED POWER & LIGHT POLES NORTH AND EAST OF BLDG 123 to DRY DOCK #3.

HAULING ROCKS FROM SITE TO AREA D-1

RECONFIGURING TEMP. FENCE AND GRADING AREA TO ACCOMODATE ARTISTS WEEKEND SHOW.

REMOVED & BINNED REMAINING GREEN WASTE NORTH OF BLDG 116, BIN REMOVED.

SET UP POLE FOR SATELITE RECEIVER TO ASSIST GRADING EQUIPMENT.

BEGAN TRENCHING FOR GEOFABRIC ON SLOPE BY BLDG 109 & GALVEZ.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, END LOADER, SCRAPER, SKIP LOADER, 2 WATER TRUCKS, FORKLIFT, AERIAL LIFT, 2 KUBOTAS.

Signed: [signature] Date: 5/2/13

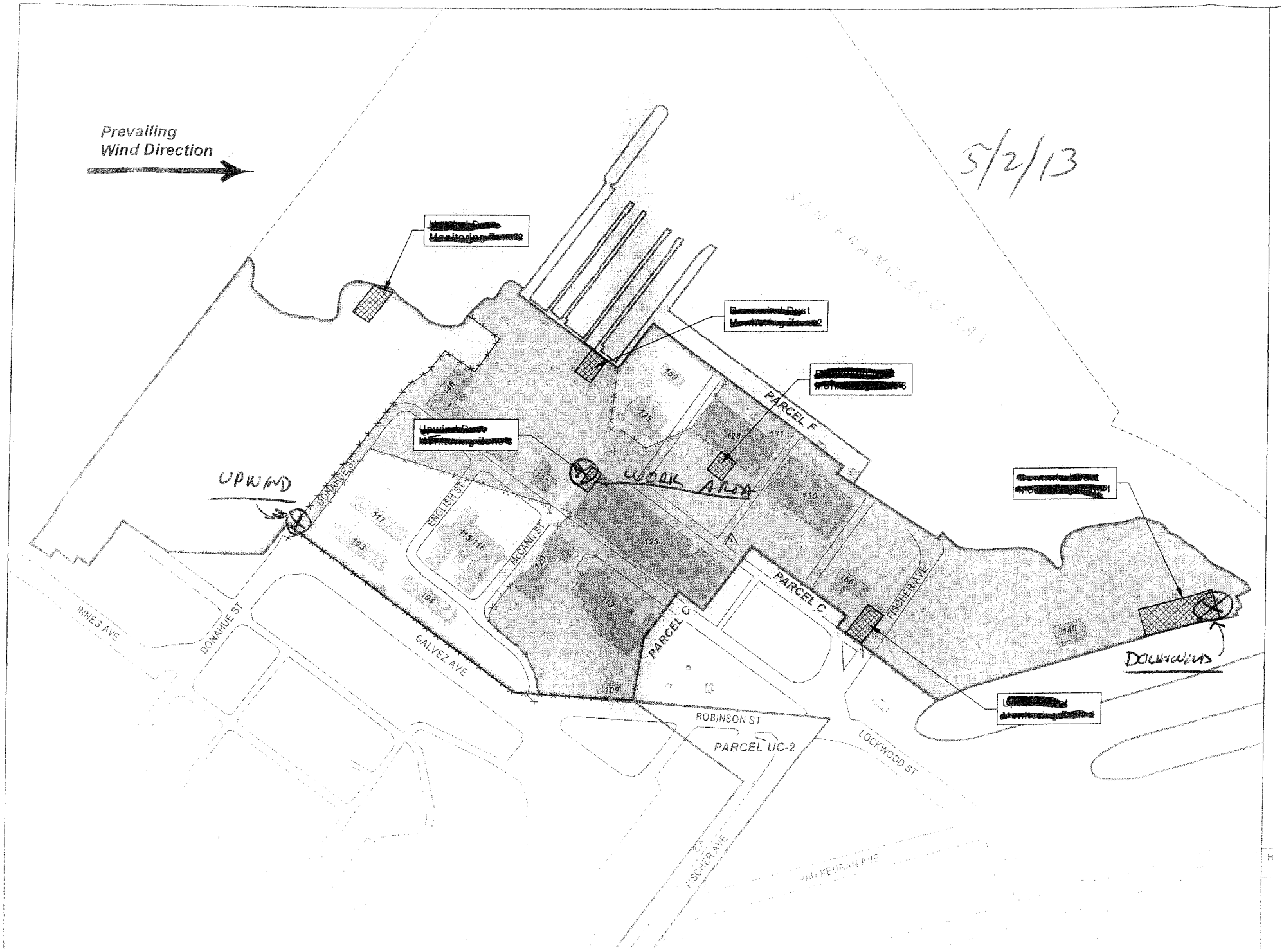
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	5/1/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Downwind of Grove	5/2/13	0729	0.028	0.032	
Monitor # 1161		0832	0.022	0.026	
		1131	0.016	0.021	
		1259	0.013	0.019	
		1440	0.014	0.019	
WORK AREA / Laydown Area	5/2/13	0725	0.019	0.026	
Fence / Monitor # 1008		0828	0.010	0.012	
		1129	0.000	0.004	
		1252	0.000	0.002	
		1439	0.000	0.001	
DOWNWIND / DO #3 @	5/2/13	0719	0.015	0.011	
Shipyards / Mim #10973		0825	0.028	0.016	
		1126	0.007	0.010	
		1306	0.000	0.008	
		1415	0.012	0.011	
		1445	0.005	0.001	



Prevailing
Wind Direction
5/2/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VINTKEGRAN AVE
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 02/05/13

REPORT NO 118

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, 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	Continued loading out woody debris, crushed asphalt, and large rocks; transported the debris to Parcel D-1 and placed in new stockpile area.
	Performed maintenance of truck haul roads, street sweeping, and dust control.
	Began digging a 6-inch deep by 6-inch wide trench along the crest of the slope in the soil cover area between Building 109 and McCann St to
	prepare for installation of CTRM.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Performed light grading to fill surface depressions between Building 115/Building 116 and Building 121.
	Removed the abandoned utility poles and placed in debris stockpile.

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.

Spencer Slominski — 05/02/13

AUTHORIZED QC MANAGER AT SITE — 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)

Soil Cover Installation

Date: 05/02/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**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 (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
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 (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
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 (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 05/02/13

Photo 1: Soil Cover Installation – Trench dug along the crest of the slope to anchor the CTRM to the soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 2, 2013

Photo 2: Soil Cover Installation – Woody debris moved to stockpile area in Parcel D-1

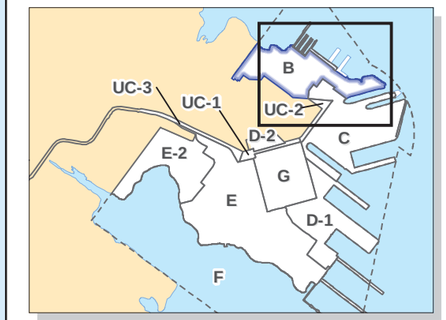
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 2, 2013

Photo 3: Asphalt Cover Installation – Grading performed on the parking lot area between Building 115 and Building 121

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 2, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 03/05/13	REPORT NO: 119
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Mild	PM WEATHER: Sunny/Warm	MAX TEMP (F): 70	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew loading out and transporting revetment debris to the D-1 triangle	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Crew excavating out swales of 3/4" rock and dirt prepping sub grade.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Realign temp fences to allow access for Artist show this weekend	ERRG	4	Equipment Operators	24
		ERRG	3	Laborers	18
06	Tech on site to perform system start-up check out.	ERRG	4	Truck Driver	27
		ERRG	1	SVE Tech	8
05	Install GPS positioning base unit along side building 156				

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: 125
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: 15,920
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: 16,045

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	
04	Site Safety audit from ERRG Corporate H&S Officer	

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
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	2
04	ERRG	Ford 2000 gallon water truck	8
04	United Rentals	Jennie manlift	0
04	ERRG	JD 225 Excavator	0
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
04	8 loads of rock revetment debris transported to the D-1 triangle (Haul truck loads)
05	31 loads of swale material transported to the D-1 triangle (Haul truck loads ~744cy)

James Nores — 05/03/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	03/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	119 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)	55

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
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	0
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
05	United Rentals	JD 350 Excavator	8
05	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 05/03/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 5/3/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK PREP FOR ARTIST SHOW, CLEANUP, GEOFABRIC ON SLOPES, TESTING WELL, MOVING SOIL COVER, TESTING SVE SYSTEM

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRUCKS, TENANTS, HEAT, LIFTING

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
[illegible]	ERRG	[illegible]
Toney Green	ERRG	[illegible]
[illegible]	ERRG	[illegible]
Adolfo Madrigal	ERRG	Adolfo [illegible]
Brian Kerr	ERRG	[illegible]
[illegible]	[illegible]	[illegible]
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
Enrique Martinez	ERRG	[illegible]
Jim Aguiar	ERRG	[illegible]
Boris Porfirio	" "	[illegible]
[illegible] Dehnken	ERRG	[illegible]
Spencer Johnson	ERRG	[illegible]
[illegible]	ERRG	[illegible]
Spencer Slominski	ERRG	[illegible]

Health & Safety Officer Richard Epp

SIGNATURE [illegible]

SUPERINTENDENT James Nores

SIGNATURE [illegible]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#16 SUB SYSTEM
#1 SITE PREP

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 10 Soil cover
#11 Erosion control

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/3/13 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/3/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/3/13 0700
Employee(s):	Kimy Bailey	[signature]	5-3-13 0700
	Toney Green	[signature]	5-3-13 0700
	F. LOZA	[signature]	5-3-13 0700
	Adolfo Madrigal	Adolfo M.	5-3-13-0700
	Paul Rodriguez	[signature]	5-3-13 0700
	Brian Kern	[signature]	5-3-13 0700
	Rodrigo Pulido	Rodrigo	5/3-13 07:00
	Lupe Trujillo	Lupe	5/3/13 07:00
	ENRIQUE MARTINEZ	[signature]	5-3-13 0700
	Jim Aguiar	[signature]	5-3-13 0700
	Boris Perdillo	[signature]	5/3/13 0700
	DAVID BEHNKEN	[signature]	5/3/13 0700
	Spencer Johnson	[signature]	5/3/13 0700
	B. Lunazzo	B. [signature]	5-3-13 0700