Appendix H1. Contractor Quality Control Documentation

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 5/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 &18)

REPORT NO: 001

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Sunny/Warm	75	57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01	Mobilize to site, conduct tailgate safety briefing with craft labor and review	ERRG	1	Superintendent	10
	the mobilization AHA. Dispatch crew to perform initial equipment inspections	ERRG	1	Construction Manager	3
	on all heavy equipment. Navy on site for the mutual understanding meeting at	ERRG	1	Project Manager	3
	0800 with ERRG supervisory and QC staff. Field crews covered the asphalt	ERRG	1	QC Manager	10
	stockpile in the lay down with plastic that was damaged from recent storm a	ERRG	1	H&S Officer	8
	activity. Field crew working on installing the rumble strips on Donahue St. for	ERRG	3	QC Staff	30
	the truck tire decon station. Another crew working on repairing the gate on	ERRG	3	Equipment Operators	24
	Donahue to be operational. Crews working on placing drainage pipe in the	ERRG	6	Laborers	40
	channel and building a wider crossing for truck traffic exiting to the Donahue	National Const	2	Temp fence installers	16
	gate. National construction on site installing temp fence around the parcel				
	boundary.				

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	144
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	0
TOTAL WORK HOURS FROM START OF CONSTRUCTION	144

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
01	Tailgate safety briefing, initial equipment inspections performed, AHA review for mobilization	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
01		Hyundai Long Reach Excavator
01		JLG Skytrak 8K reach forklift
01		JD 644 loader
01		2ea 2000 gallon water trucks
01		Top Gun street sweeper

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
01	ERRG	70KW Generators (2 ea)	0
01	Harris Blade	Hyundai Long reach Excavator	0
01	ERRG	JD 644 Loader	4
01	ERRG	JLG Skytrak 8K reach forklift	2
01	ERRG	Ford 2000 gallon water truck	0
01	Harris Blade	Top Gun Street Sweeper	0
01	ERRG	Kubota off road vehicle	8
01	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/05/12 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 5/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 & 18)

REPORT NO: 001 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Sunny/Warm	75	57

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
01		Kubota off road vehicle
01		JD 210E skiploader
01		JD 710 backhoe
01		2ea 70kw tow behind generators
01		

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
ERRG	ERRG	JD 210E skiploader	4
01	ERRG	JD 710 Backhoe	0
01	ERRG	JD 310 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 11/05/12

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

ERRG

SITE LOCATION: HPNS - PARCEL B **CONTRACT #**

DATE 11/5/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT DEPT. OF NAVY

SPECIFIC LOCATION PARCEL B

TYPE OF WORK MOBILIZATION, EQUIPMENT INSPECTIONS, RUMBLE STRIPS, TEMP. FENCE

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT SAFETY, PPE, HAZARD WORK TASKS - EVALUATE HAZARDS

LESSONS LEARNED

PROTECTIVE CLOTHING/EQUIPMENT LEVEL D PPE, GLOVES, EAR PLUGS AS NEEDED

DISCUSSED LPO CARDS: _____ Yes _____ No

CHEMICAL HAZARDS GASOLINE, DIESEL, ASBESTOS, VOCs, LEAD, GREASE

PHYSICAL HAZARDS ~~SPEEDING, TRUCKS, RAIL, TRAFFIC, RAIN~~ STYE, EQUIP., HEAT STRESS, LIFTING

BIOLOGICAL HAZARDS SPIDERS, INSECTS, DOGS, SNAKES, RATS

EMERGENCY PROCEDURES STOP WORK USE CELL 911, NOTIFY SHSO & SUPT. IMMEDIATELY ~~EVACUATE TO MEDICAL CLINIC, EVACUATE ST, SF 94107~~

CLINIC ADDRESS CONCENTRA MEDICAL CTR, 2 COMMERCIAL ST, SF 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS ST. LUKES HOSP, 3555 CESAR CHAVEZ, SF 94124 415-647-8600

SPECIAL EQUIPMENT WATER TRUCK, BACK HOE, DOZER, EXCAVATOR, LONG REACH, LOADER, KUBOTA

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Torey Green	ERRG	
DAVID T. DEHAVEN	ERRG	
William Schmidt	ERRG	
Spencer Johnson	ERRG	
Fernando Loza	ERRG	
Guadalupe T.	ERRG	Guadalupe T.
~~Eduardo Hernandez~~	ERRG	
Boris Ponce	ERRG	Boris Ponce
Don Aguilar	ERRG	
Jason Rodrigues	ERRG	
Mike Bailey	ERRG	
Mike Babst	ERRG	
Jay Apan	ERRG	
John Souriau	ERRG	
Ken Hayden	ERRG	
J. Cordell	ERRG	
Spencer Slomasky	ERRG	

SSHO: _____ **SUPERINTENDENT:** _____

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS - PARCEL B **CONTRACT #**

DATE 11/5/12 **TIME** **PROJECT NUMBER** 2012-037

CLIENT

SPECIFIC LOCATION

TYPE OF WORK

PAGE 2

SAFETY TOPICS PRESENTED

SAFETY TOPICS

LESSONS LEARNED

PROTECTIVE CLOTHING/EQUIPMENT

DISCUSSEDLPO CARDS: _____ Yes _____ No

CHEMICAL HAZARDS

PHYSICAL HAZARDS

BIOLOGICAL HAZARDS

EMERGENCY PROCEDURES

CLINIC ADDRESS **PHONE**

HOSPITAL ADDRESS

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Juan Cruz	National	Juan Cruz
Fraylan Lopez	NATIONAL	Fraylan Lopez

SSHO: **SUPERINTENDENT:**

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 ~~2011447~~, Hunters Point Naval Shipyard, Parcels ~~[redacted]~~ B AHA #: Mobilization

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		11/5/12 0700
Site Safety and Health Officer:	~~Kevin Woodhouse~~ Dick EPP		11/5/12 0700
Construction Quality Control Manager:	~~Liz Binning~~ Spencer Slominski		11/5/12 0700
Employee(s):	Paul Rodriguez		11-5-12 700
	William Schmidt		11/5/12 0700
	Spencer Johnson		11/5/12 0700
	DAVID T. BEHNKEN		11/5/12 0700
	Fernando Loza		11-5-12 0700
	Guadalupe T	Guadalupe T	11-5-12 0700
	ENRIQUE MARTINEZ		11.5-12- 0700
	Boris Portillo	Boris Portillo	11/5/12 0700
	Jim Aguirre		11/5/12 0700
	Kirby Bailey		11-5-12 0700
	Tavey Green		11-5-12 0700
	Mike Bidot		11-5-12 0700
	Ty APM		11-5-12 0700
	John Sourial		11-5-12 0700
	Rex Magadia		11/5/12 0700
	J. Gmick		11/5/12 0710

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	~~Kevin Woodhouse~~ RICHARD EPP	Client:	Navy
Date/Day:	11/5/12 MONDAY	Location:	Hunters Point Naval Shipyard
Project Name:	~~UC1 & UC2~~ PARCEL B	Project No.:	~~2011-147~~ 2012-037
Weather:	SUNNY & WARM	Page:	1 of
Site Vistors:	DOUG DELONG, PETER STAVGANOFF		

Description of Field Activities:

MUTUAL UNDERSTANDING MEETING

ALL EQUIPMENT INITIAL INSPECTIONS

MOBILIZING

INSTALLING RUMBLE STRIPS ON DAVIDSON ST.

INSTALLING TEMPORARY FENCE

BEGAN INSTALLING GATE HAZARD + PPE SIGNAGE.

CHECKED ALL EQUIPMENT FIRE EXTINGUISHERS & FIRST AID KITS

EQUIPMENT IN USE: EXCAVATOR, SKID LOADER, END LOADER, ROUGH TERRAIN FORK LIFT.

Signed: Richard J. Epp Date: 11/5/12

ERRG

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 5/11/12

REPORT NO 001

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE Parcel B (Excluding IR Sites 07 and 18) RA, 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 #
NA	No preparatory phase work was performed today - see remarks.	

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 #
NA	No initial phase work was performed today.	

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
NA	No follow-up phase work was performed today.

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
NA	Held Mutual Understanding Meeting with ROICC and CSO. Scheduled Preparatory Phase meetings for the following DFOWs to be held
	on November 6, 2012:
	DFOW 1 Mobilization and Site Preparation; DFOW 2 Shoreline Excavation and Revetment.

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 11/5/12

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

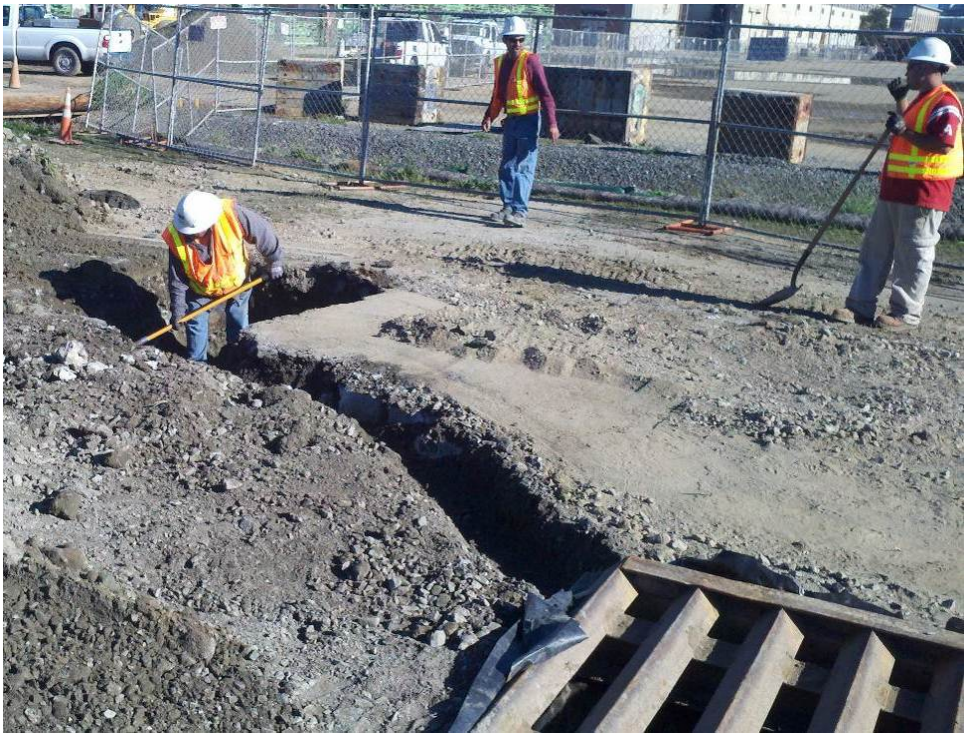


Photo 1: Mobilization – Installation of construction entrance/exit with tire wash
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 5, 2012

Photo 2: Mobilization – Gate repair at Donahue Street entrance
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 5, 2012

Photo 3: Mobilization – Widening of ditch crossing near construction entrance/exit
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 5, 2012

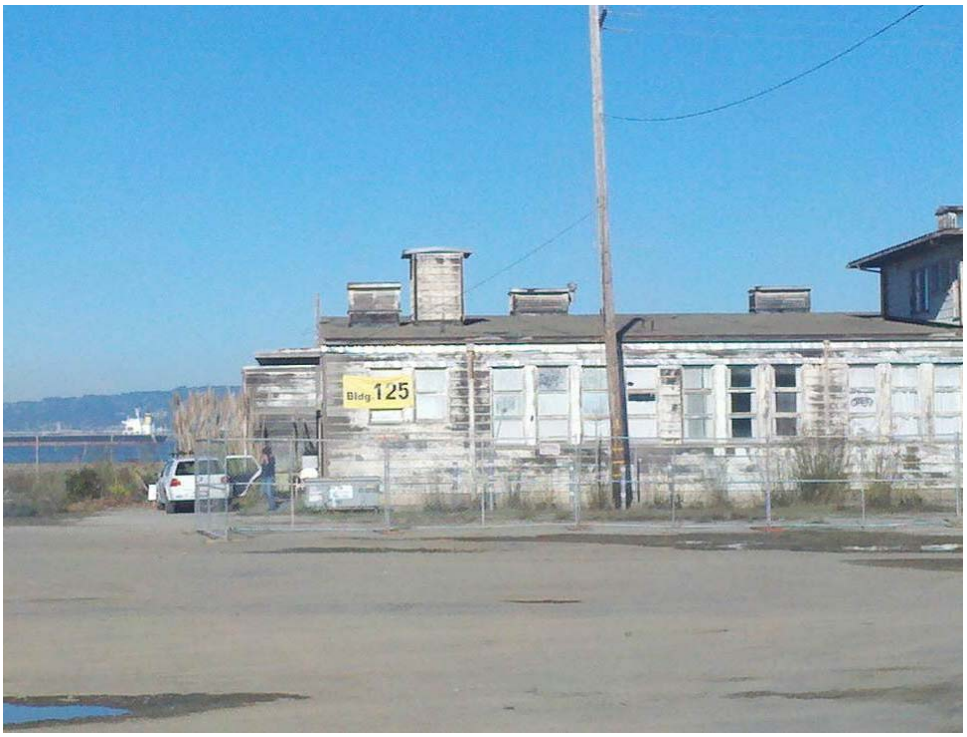


Photo 4: Mobilization – Temporary fence installed near Building 125
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 5, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 6/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 &18)

REPORT NO: 002

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Sunny/Warm	75	57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01	Conduct tailgate safety briefing with craft labor and review AHA for mobilization	ERRG	1	Superintendent	10
	Dispatch crews to continue with haul route road installation- pump water from	ERRG	1	Construction Manager	6
	puddles, place and compact base material to create clean haul road. Import	ERRG	1	Project Manager	6
	class II AB to create road to building 125 for tenant access. Remove fence	ERRG	1	QC Manager	8
	between building 123 and 125. Trucks looping with 4" filter rock, stockpile	ERRG	1	H&S Officer	8
	south of building 156. 3 trucks looping with class II AB. Crew manning the	ERRG	3	QC Staff	28
	tire wash pad on Donahue. Crew on street sweeping and water truck. Dixon	ERRG	3	Equipment Operators	19
	Marine on site to mobilize silt curtain deployment boat- also worked on putting	ERRG	6	Laborers	41
	together anchor kits and buoys. National Construction finished fencing mob.	National Const	2	Temp fence installers	2
	Preparatory Phase QC Meeting with Navy and ERRG personnel today.	Dixon Marine	4	Silt Curtain Installer	14

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	142
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	144
TOTAL WORK HOURS FROM START OF CONSTRUCTION	286

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ■ SAFETY REQUIREMENTS HAVE BEEN MET.
01	Tailgate safety briefing, initial equipment inspections performed, AHA review for mobilization

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
01		Class II AB 239.88 tons
01		4" Filter Rock 777.23 tons

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
01	ERRG	70KW Generators (2 ea)	2
01	Harris Blade	Hyundai Long reach Excavator	0
01	ERRG	JD 644 Loader	8
01	ERRG	JLG Skytrak 8K reach forklift	0
01	ERRG	Ford 2000 gallon water truck	8
01	Harris Blade	Top Gun Street Sweeper	8
01	ERRG	Kubota off road vehicle	8
01	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores — 11/06/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 6/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 & 18)

REPORT NO: 002 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Sunny/Warm	75	57

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
01	ERRG	JD 210E skiploader	8
01	ERRG	JD 710 Backhoe	0
01	ERRG	JD 310 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 11/06/12

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

ERRG

SITE LOCATION: HPNS - ~~UC1 and UC2~~ Parcel B **CONTRACT #** ~~N62473-09-D-2608~~

DATE 11/6/12 **TIME** 0700 **PROJECT NUMBER** ~~20114147~~ 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION ~~Fischer and Spear Avenue~~ Parcel B

TYPE OF WORK ~~site cleanup, asphalt paving~~ Mobilization, [redacted] STOCKPILE ROCK, FENCE REMOVAL, PUMP WATER, SILT CURTAIN

SAFETY TOPICS PRESENTED

SAFETY TOPICS Heavy equipment safety, heat stress, traffic and pedestrians, ~~hot asphalt and fumes~~

LESSONS LEARNED

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs as needed, leather/ work gloves

DISCUSSED LPO CARDS: X Yes ____ No

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

PHYSICAL HAZARDS asbestos, silica dust, slips trips and falls, heavy equipment, heat/ cold stress, heavy lifting

BIOLOGICAL HAZARDS Spiders, insects, bees, snakes

EMERGENCY PROCEDURES Stabilize situation and 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 Front loader,extended reach forklift, water truck, sweeper, 10 wheel dump truck, kubota

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	
Tonee Green	ERRG	
M.R. Dabak	ERRG	
Spencer Johnson	ERRG	
Paul Rodriguez	ERRG	
Jim Aguilar	ERRG	
Enrique Hamtiner	ERRG	
Guadalupe T	ERRG	Guadalupe T
Fernanda Porra	ERRG	
Boris Ford	ERRG	
Rex Magana	ERRG	
JOHN SOLIRIAL	ERRG	
Steven Stamos	ERRG	
Gilbert Fox	DMS	
Robert Ford	FEBT	
Alberto Vazquez	LB Trucking	
	LB Trk	

SSHO: ~~Kevin Woodhouse~~ Dick E. PP **SUPERINTENDENT:** James Nores

SIGNATURE: **SIGNATURE:**

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
James Crook	18 Trucking	[illegible]
Jean [illegible]	19 Trucking	[illegible]
BALDEV	B.C. TRK	[illegible]
Vasinder	Bavia Trk	[illegible]
RAFAEL	MALFIDO	[illegible]
JUAN R GONZALEZ	18 TRK	[illegible]
Raul Campo	18 TRK	[illegible]
LEO Villalobos	15 TRK	[illegible]
TJ APPL	ERRG	[illegible]
TIM WOODSON	ERRG	[illegible]

SSHO: [redacted]

SUPERINTENDENT: James Nores

SIGNATURE: _____

SIGNATURE: _____

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY,	Date:	11/6/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY, SUNNY & WARM	Page:	1 of 1
Site Visitors:	PETER STRAKHOFF, SHAING NG, MARCIA ASUNCION		

Description of Field Activities:

REMOVE EXISTING FENCE NEAR BLDG 125

COMPLETE INSTALLING PHASE I TEMP. FENCE

RECEIVED FILTER ROCK & CLASS II AB

BOTH WATER TRUCKS ON DUST CONTROL

SWEEPING ENTRANCE ROADWAY AND DOMANOS ST

TIRE WASHING ON DOMANOS ST.

INSTALLING "PPE REQUIRED" SIGNAGE ALONG SHORELINE.

INSTALLING "CONSTRUCTION & HAND HOT AREA" SIGNS ON TEMP. FENCE.

EQUIPMENT IN USE: 2 WATER TRUCKS, SWEEPER, EXCAVATOR, SKID LOADER, BOBCAT LOADER, KUBOTA

Signed: [signature] Date: 11/6/12

ERRG

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: 2K WATER TRUCK	Model No.: F-SERIES	Serial No.: 1FDPF80C8WVA14886

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:** 11-6-12

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: 2K WATER TRUCK	Model No.: FREIGHTLINER (M2)	Serial No.: 1FVACWDDXSHV01941

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:** 11/6/12

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: HYUNDAI EXCAVATOR	Model No.: 290 LC-9	Serial No.: HHIHQ801EA0000736

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:** 11/6/12

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: 200 C EXCAVATOR	Model No.: 200 C JOHN DEERE	Serial No.: FF200CX506789

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:** _____

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: JD. SKIPLOADER	Model No.: 210 LE	Serial No.: T0210LE888004

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:** 12/6/12

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: 710 BACKHOE	Model No.: 710 G JOHN DEERE	Serial No.: T0710GX947874

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: James C Lee **Date of Inspection:** 11/6/12

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: 310 BACKHOE	Model No.: JOHN DEERE 310	Serial No.: T0310EX888426

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:** 11/10/12

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: JLG FORKLIFT	Model No.: 8042	Serial No.: 0160016395

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: James A Clay **Date of Inspection:** 11/6/12

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 LOADER	Model No.: 644 J	Serial No.: DW644JX597425

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:** 11/6/12

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 6/11/12

REPORT NO 002

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE Parcel B (Excluding IR Sites 07 and 18) RA, 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 #
01	Mobilization and Site Preparation (held on November 6, 2012)	
02	Shoreline Excavation and Revetment (held on November 6, 2012)	

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 #
NA	No initial phase work was performed today.	

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
NA	No follow-up phase work was performed today.

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

11/6/12 — 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

PREPARATORY PHASE CHECKLIST

(CONTINUED ON SECOND PAGE)

SPEC SECTION	DATE
01 50 00/01 57 19.00	6/11/2012

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #1 Mobilization	DFOW #1	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED 24 HOURS IN ADVANCE: YES ■ NO ☐

NAME	POSITION	COMPANY/GOVERNMENT
John Sourial	Project Manager	ERRG
Tyson Appel	Construction Manager	ERRG
James Nores	Superintendent	ERRG
Spencer Slominski	QC Manager	ERRG
Spencer Johnson	QC Specialist	ERRG
Richard Epp	H&S Officer	ERRG
Peter Stroganoff	Navy ROICC	Navy
Shirley Ng	Navy ROICC	Navy
Melecio Asuncion	Navy CSO	Navy

SUBMITTALS

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

IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? RAWP and APP have been reviewed and comments addressed. Final submittal will be on or before 11/13/2012.

SWPPP has been approved, but the Navy has requested that a revised template be used.

ARE ALL MATERIALS ON HAND? YES ■ NO ☐

IF NO, WHAT ITEMS ARE MISSING?

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

COMMENTS: N/A

MATERIAL STORAGE

ARE MATERIALS STORED PROPERLY? YES ■ NO ☐

IF NO, WHAT ACTION IS TAKEN?

SPECIFICATIONS

REVIEW EACH PARAGRAPH OF SPECIFICATIONS. 01 50 00; 01 57 19.00

DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. BMPs will be installed in accordance with the draft SWPPP and revised comments. AB will be imported to grade roadways and minimize tracking of sediment. Fence and shoreline debris will be removed and segregated for disposal.

CLARIFY ANY DIFFERENCES.

PRELIMINARY WORK & PERMITS

ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE.

IF NOT, WHAT ACTION IS TAKEN? N/A

TESTING

IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM. N/A

WHEN REQUIRED? NA

WHERE REQUIRED? NA

REVIEW TESTING PLAN. NA

HAS TEST FACILITIES BEEN APPROVED? NA

SAFETY

ACTIVITY HAZARD ANALYSIS APPROVED? YES ☐ NO ☒

REVIEW APPLICABLE PORTION OF EM 385-1-1. Final APP will be submitted this week. AHA for mobilization from draft will be used.

MEETING COMMENTS

NAVY/ROICC COMMENTS DURING MEETING.

Work during off hours will require approval. Requests will be sent to the ROICC and include details on the activities to be performed, crew size, and management team in contact phone numbers.

Air sampling will begin next week with construction of revetment.

The navy would like to be informed of any items or utilities found that could pose or be perceived of posing a hazard, such as a loose cable at the UC1/UC2 project.

OTHER ITEMS OR REMARKS

OTHER ITEMS OR REMARKS:

Spencer Slominski — QC MANAGER

11/6/12 — DATE

PREPARATORY PHASE CHECKLIST

(CONTINUED ON SECOND PAGE)

SPEC SECTION	DATE
31 05 22/35 31 19	6/11/2012

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #2 Shoreline Excavation and Revetment	DFOW #2	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED 24 HOURS IN ADVANCE: YES ■ NO ☐

NAME	POSITION	COMPANY/GOVERNMENT
John Sourial	Project Manager	ERRG
Tyson Appel	Construction Manager	ERRG
James Nores	Superintendent	ERRG
Spencer Slominski	QC Manager	ERRG
Spencer Johnson	QC Specialist	ERRG
Richard Epp	H&S Officer	ERRG
Peter Stroganoff	Navy ROICC	Navy
Shirley Ng	Navy ROICC	Navy
Melecio Asuncion	Navy CSO	Navy

SUBMITTALS

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

IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED?

ARE ALL MATERIALS ON HAND? YES ☐ NO ■

IF NO, WHAT ITEMS ARE MISSING? Filter rock import will start on 11/6/2012, riprap import will start on 11/7/2012

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

COMMENTS: Material will be inspected as it is delivered.

MATERIAL STORAGE

ARE MATERIALS STORED PROPERLY? YES ■ NO ☐

IF NO, WHAT ACTION IS TAKEN?

SPECIFICATIONS

REVIEW EACH PARAGRAPH OF SPECIFICATIONS. 31 05 22; 35 31 19

DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. Debris from shoreline will be removed and segregated for disposal. Shoreline sections will excavated in 30-foot sections with a dedicated grade checker ensuring proper grade is met. Geotextile fabric will be rolled out and filter rock installed in a 6-inch section over the top of the geotextile. Following placement of filter rock, a 3-foot section of rip rap will be placed.

CLARIFY ANY DIFFERENCES.

PRELIMINARY WORK & PERMITS

ENSURE PRELIMINARY WORK IS CORRECT AND PERMITS ARE ON FILE.

IF NOT, WHAT ACTION IS TAKEN? N/A

TESTING

IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM. Material testing in accordance with the specifications was conducted and submitted. Grade checking will be performed continuously during installation. Following installation of the revetment, the neat line of the top of riprap will be surveyed to verify that final grade is within tolerance of 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. Final APP will be submitted this week. AHA for shoreline excavation and revetment from draft will be used.

MEETING COMMENTS

NAVY/ROICC COMMENTS DURING MEETING.

Barge offload will be conducted with a material handler which is similar to a an excavator. The material handler will place the material from the barge on the ground adjacent to the drydock.

Barge deliveries will come in at high tide and will be variable.

ERRG video barge coming in to document if drydock damage occurs.

OTHER ITEMS OR REMARKS

OTHER ITEMS OR REMARKS:

Spencer Slominski — QC MANAGER

6/11/12 — DATE

Photo 1: Mobilization – Filter rock import
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 6, 2012

Photo 2: Mobilization – Filter rock import #2
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 6, 2012

Photo 3: Mobilization – Site grading near ERRG field office
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 6, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 7/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 &18)

REPORT NO: 003

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cool	Cloudy/Cool	60	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01	Conduct tailgate safety briefing with craft labor and review AHA for mobilization	ERRG	1	Superintendent	10
	Dixon Marine on site to continue with silt curtain prep for deployment. ESP	ERRG	1	Construction Manager	0
	Surveyors on site to begin staking for revetment construction. Jericho on site	ERRG	1	Project Manager	0
	barge unloading rip rap. ERRG crew continue with haul road stabilization,	ERRG	1	QC Manager	10
	and begin clearing debris along the shoreline above the tide line. Continue	ERRG	1	H&S Officer	8
	import of 4" filter rock via import trucks. ERRG crew working on street cleaning	ERRG	3	QC Staff	28
	and dust control during import operations.	ERRG	5	Equipment Operators	32
		ERRG	5	Laborers	26.5
		ERRG	2	Truck Driver	5
		Jericho	5	Material Barge Crew	40
		Dixon Marine	5	Silt Curtain Installer	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	215.5
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	286
TOTAL WORK HOURS FROM START OF CONSTRUCTION	401.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
01	Tailgate safety briefing, initial equipment inspections performed, AHA review for mobilization	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
01		Rip Rap 476 tons
01		4" Filter Rock 562.64 tons
01		Cat D5M LGP Dozer
01		Genie Manlift

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
01	ERRG	70KW Generators (2 ea)	2
01	Harris Blade	Hyundai Long reach Excavator	0
01	ERRG	JD 644 Loader	8
01	ERRG	JLG Skytrak 8K reach forklift	0
01	ERRG	Ford 2000 gallon water truck	8
01	Harris Blade	Top Gun Street Sweeper	8
01	ERRG	Kubota off road vehicle	8
01	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/07/12 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 7/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 & 18)

REPORT NO: 003 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cool	Cloudy/Cool	60	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
		ESP	2	Surveyors	16

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
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
01	ERRG	JD 210E skiploader	8
01	ERRG	JD 710 Backhoe	0
01	ERRG	JD 310 Backhoe	8
01	Harris Blade	Cat D5M Dozer	0
01	United Rentals	Genie Manlift	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/07/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/7/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Site cleanup, durable cover, revetment and soil vapor extraction system. SHORE CLEANUP, IMPORT ROCK, SURVEYING, SILT CURTAIN

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, PFD's NEAR WATER, TRUCK TRAFFIC, BARGE

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

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 Slaminski	ERRG	[signature]
Mike Balest	ERRG	[signature]
King Bailey	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Guadalupe T.	ERRG	Guadalupe T.
Enrique Martinez	ERRG	[signature]
Boris Portillo	ERRG	Boris Portillo
Spencer Johnson	ERRG	[signature]
Paul Rodriguez	[illegible]	[signature]
Rex Magadia	ERRG	[signature]
John N. Filomeo	DIXON	[signature]
Kalloch Fox	Dixon	[signature]
Nathan Mason	Dixon	[signature]
Gary Hassell	DIXON	[signature]
JONATHAN FROST	DIXON	[signature]
Juan Lovato	ESP	[signature]
SAM ESPINOSA	ESP	[signature]

Health & Safety Officer RICHARD Epp **SUPERINTENDENT** JIM NORES

SIGNATURE [signature] **SIGNATURE** [signature]

ERRG

TAILGATE SAFETY MEETING

PAGE 2

NAME PRINTED	COMPANY	SIGNATURE
GREG DOLCINI	JONES MOUNTS	
NICK ROGERS	FOR GERG	
TRAVIS STEVHENS		[signature]

SSHO: [redacted]

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

DAILY FIELD ACTIVITY LOG

Prepared by:	[redacted] RICHARD EDD	Client:	Navy
Date/Day:	WED., 11/7/12	Location:	Hunters Point Naval Shipyard
Project Name:	[redacted] PARCEL B	Project No.:	[redacted] 2012-037
Weather:	OVERCAST, COOL, WINDY	Page:	1 of 1
Site Vistors:	NONE		

Description of Field Activities:

RECEIVED RIPRAP BY BARGE AT DRY DOCK 3

BEGAN CLEARING SHORELINE DEBRIS SOUTH EAST FROM BLDG 130 AREA

DIXON MARINE BEGAN ASSEMBLY OF SKID CRAWLER

SURVEYORS ON SITE SETTING SHORELINE CONTROL POINTS

RECEIVED ENTER ROCK BY TRUCK.

GRADING AREA ON NORTH SIDE BLDG 123, GRADING HAUL ROADS

EQUIPMENT IN USE: EXCAVATOR, OFF-ROAD DUMP TRUCKS, DVD LOADER, SKID LOADER, BACKHOE, 2 CRAWLER TRACTORS, KUBOTA, ROUGH TERRAIN FORK LIFT

Signed: [signature] Date: 11/7/12

ERRG

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 Dozer	Model No.: D6M LGP	Serial No.: 4TF82616

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:** 11-7-2012

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: Tarbun M-9B MOBILE SWEEPER	Model No.: M-9B	Serial No.: 1A9S24DR4RR059049

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:
Owners Manual Requested from Rental company

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:** 11/6/12

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: GENIE LIFT	Model No.: GENIE S-65	Serial No.: 74270-1-06-00

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: James C Ellis **Date of Inspection:** 11/2/12

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 DUMP TRUCK	Model No.: 735	Serial No.: CAT00735PBIN00624

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: James C Rau **Date of Inspection:** 11/7/12

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 7/11/12

REPORT NO 003

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE Parcel B (Excluding IR Sites 07 and 18) RA, 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 #
01	Mobilization and Site Preparation - Initial Phase meeting to be held on 11/08/12	

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	Installed temporary haul route, sanitary facilities, and temporary fencing. Performed preconstruction survey of shoreline to set stakes for revetment
	construction. Imported filter rock and riprap stone. Verified construction activities complied with the Mobilization and Site Preparation 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

11/7/12 — 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

Mobilization and Site Preparation

Date: 11/07/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contractor coordinated with the Contracting Officer any utility hookups that may be needed for the project, including water, electricity, and telephone services (01 50 00 Temporary Facilities And Controls, Sec 1.3)?	**Prep**	**X**			
Are all permits required prior to working in the area described in the Environmental Protection Plan as well as any contingency plans in case unexpected environmental conditions were discovered (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have all quantities of hazardous waste to be generated during the project been listed and quantified in the Environmental Protection Plan (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	**Prep**	**X**			
Was the storm water pollution prevention plan submitted as a preconstruction submittal (01 57 19.00 20 Temporary Environmental Controls, Sec 3.4.4)?	**Prep**		**X**		SWPPP has been verbally approved; awaiting final submittal
Have appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment been mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	**Prep**	**X**			
Within 15 days after the commencement of work, was one project identification sign provided at a location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Initial**				Project sign is being produced
Was the content of the project identification sign verified with the Contracting Officer using shop drawings (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	**Initial**	**X**			Shop drawing has been submitted
Was the Contracting Officer notified at least 15 calendar days prior to modifying any vehicular traffic patterns at any locations and provided a Traffic Control Plan detailing the proposed controls to traffic movement (01 50 00 Temporary Facilities And Controls, Sec 1.8.1)?	**Initial**				TCP to be submitted with final RAWP
Has the contractor ensured that the public and other unauthorized personnel do not have access to the site during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	**Initial**	**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**			
Was the Contracting Officer contacted for conditions in the area of the project that may be subject to special environmental procedures and was this documented in the Preconstruction Survey (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Initial**	**X**			Preconstruction Survey Report has been submitted
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	**Follow up**	**X**			
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**				
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Do all contractor-provided vehicles display a valid state license plate and safety inspection sticker (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	**Follow up**				
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/07/12

Photo 1: Mobilization – Preconstruction survey of the shoreline
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 7, 2012

Photo 2: Shoreline Excavation and Revetment – Stockpile of imported filter rock
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 7, 2012

Photo 3: Shoreline Excavation and Revetment – Delivery of riprap stone by barge
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 7, 2012

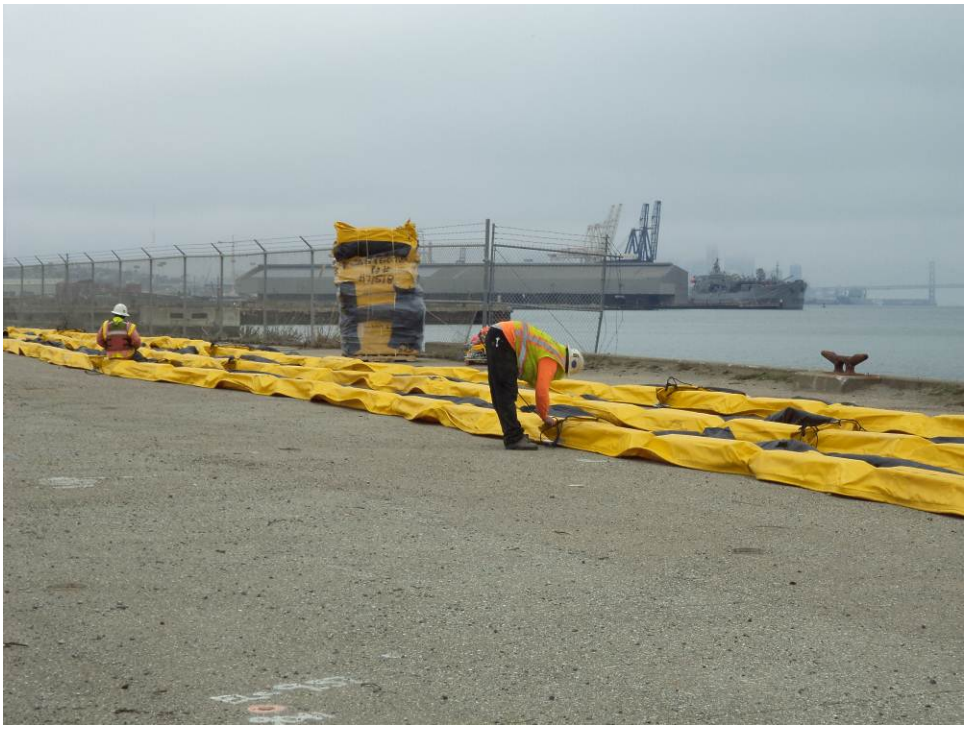


Photo 4: Shoreline Excavation and Revetment – Assembly of silt curtain prior to deployment
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 7, 2012

Photo 5: Shoreline Excavation and Revetment – Removal of debris from the shoreline
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 7, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 8/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 &18)

REPORT NO: 004

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER: Cloudy/Cool

PM WEATHER: Rain/Cool

MAX TEMP (F): 55

MIN TEMP (F): 48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01	Conduct tailgate safety briefing with craft labor and review AHA for mobilization	ERRG	1	Superintendent	10
	Dixon Marine on site to continue with silt curtain deployment. ESP Surveyors	ERRG	1	Construction Manager	8
	on site to continue staking for revetment construction. ERRG crews continue	ERRG	1	Project Manager	0
	with debris removal on revetment sections, segregate and stockpile removed	ERRG	1	QC Manager	10
	debris. Large rocks removed from the shoreline will be stockpiled and re-used	ERRG	1	H&S Officer	8
	for rip rap. ERRG crew assisting ESP surveyors with setting the toe stakes	ERRG	3	QC Staff	28
	below the tide line with man lift. Import rip rap and filter rock today.	ERRG	4	Equipment Operators	29
		ERRG	4	Laborers	23
		ERRG	2	Truck Driver	12
		ESP	2	Surveyors	16
		Dixon Marine	5	Silt Curtain Installer	45

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	189
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	401.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	590.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
01	Tailgate safety briefing, initial equipment inspections performed, AHA review for mobilization

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
01		Rip Rap 120.16 tons

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
01	ERRG	70KW Generators (2 ea)	0
01	Harris Blade	Hyundai Long reach Excavator	0
01	ERRG	JD 644 Loader	8
01	ERRG	JLG Skytrak 8K reach forklift	2
01	ERRG	Ford 2000 gallon water truck	8
01	Harris Blade	Top Gun Street Sweeper	8
01	ERRG	Kubota off road vehicle	8
01	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/08/12 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 8/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 & 18)

REPORT NO: 004 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cool	Rain/Cool	55	48

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
01	ERRG	JD 210E skiploader	8
01	ERRG	JD 710 Backhoe	0
01	ERRG	JD 310 Backhoe	8
01	Harris Blade	Cat D5M Dozer	0
01	United Rentals	Genie Manlift	6

Schedule Activity No.	REMARKS

James Nores 11/08/12

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/8/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Site cleanup, durable cover, revetment and soil vapor extraction system.

TRUCK IMPORT FILTER RACK + RIP RAP, ASSEMBLY + DEPLOY SET TOE STAKES W/ [illegible] LIFT SILT CURTAIN, SURVEY, GRUBBING [illegible]

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIP. OPERATION, 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

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
Kris Bailey	ERRG	[signature]
Tony Green	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Fernando Lopez	ERRG	[signature]
Guadalupe T.	ERRG	Guadalupe T.
Eurique Montilier	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Gaza Hassan	DIXON	[signature]
Nathan Mason	Dixon	[signature]
John N. Filipeo	Dixon	[signature]
Boris Pondelli	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Flaminghi	ERRG	[signature]
Juan Lovato	ESP	[signature]
Sam Espinosa	ESP	[signature]
Mike Babst	ERRG	[signature]
Rex Magadia	ERRG	[signature]
JONATHAN FROST	DIXON	[signature]

Health & Safety Officer RICHARD EPP **SUPERINTENDENT** JIM NORTS

SIGNATURE [signature] **SIGNATURE** [signature]

page 2

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Karim Mahdipour	B.M.T	[signature]
Pedram Mahdipour	P.M.T.	[signature]
Janer Martini	J.M.	[signature]
Balwinder Brar	J&C.T	[signature]
James Crook	18 Trucking	[signature]

SSHO: [redacted]

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: ~~2011-147~~ 2012-037, Hunters Point Naval Shipyard, Parcels [redacted] AHA #: 5 - Bay Water monitoring

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		11/8/12
Site Safety and Health Officer:	[redacted] R. EAP		11/8/12
Construction Quality Control Manager:	[redacted] S. Slominski		11/8/12
Employee(s):	Spencer Johnson		11/8/12
	Rex Margadia		11/8/12

ERRG

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: ~~2011-147~~ 2012-077, Hunters Point Naval Shipyard, Parcels [redacted] AHA #: 6 - BARGE IMPORT

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		11/8/12
Site Safety and Health Officer:	[redacted] R. EAP		11/8/12
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		11/8/12
Employee(s):	Rex Mayadia		11/8/12

ERRG

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: ~~2011-147~~ 2012-037 Hunters Point Naval Shipyard, Parcels [redacted] AHA #: 7 - Shoreline

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		11/8/12 0700
Site Safety and Health Officer:	[redacted] R. EAP		11/8/12 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		11/8/12 0700
Employee(s):	Jim Aguiar		11/8/12 0700
	Paul Rodriguez		11/8/12 0700
	[redacted]		11/8/12 0700
	Enrique Martinez		11-8-12 - 0700
	Salvador Trujillo	Salvador Trujillo	11-8-12 - 0700
	Fernando Loza		11-8-12 - 0700
	Toney Green		11-8-12 0700
	King Bailey		11-8-12 0700
	Michael Meyer		11-8-12 0700
	Mike Babst		11-8-12 0700
	Spencer Johnson		11/8/12 0700
	Rex Magadia		11/8/12 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURS, 11/8/12	Date:	11/8/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR TO OVERCAST, SHOWERS	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

RECEIVING RIP RAP BY TRUCK.

CLEARING ROCK FROM STAGING AND STOCKPILES

CLEARING WOOD AND OTHER DEBRIS FROM STAGING

INSTALLED SILT CURTAIN AND ANCHORS.

SURVEYORS SETTING GRADE LINE POINTS.

PLACING EXCAVATION TOE LOCATIONS USING ARGUS LIFT.

EQUIPMENT IN USE: ARGUS LIFT, ROUGH TERRAIN FORK LIFT, EXCAVATOR, OFF-ROAD TRUCK, SKID LOADER, BACKHOE, END LOADER, 2 WATER TRUCKS, SWEEPER, FLATBED.

Signed: _____ Date: 11/8/12

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 11/8/12 @ 0900

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 ST.	11/8/12	0910	0.006	0.016	#10873
WORK AREA - SHORELINE		0915	0.013	0.011	#1008
DOWNWIND - DD #3 ENTRANCE		0920	0.828	0.027	#1161
WORK AREA		1050	0.002	0.008	
DOWNWIND		1055	0.025	0.023	
UPWIND		1100	0.006	0.007	
UPWIND		1205	0.000	0.005	STOPPED - RAIN
WORK AREA		1210	0.006	0.007	" "
DOWN WIND		1213	0.023	0.024	" "

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 8/11/12

REPORT NO 004

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE Parcel B (Excluding IR Sites 07 and 18) RA, 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 #
01	Mobilization and Site Preparation	
02	Shoreline Excavation and Revetment	

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	Performed preconstruction survey of shoreline to set stakes for revetment construction. Installed silt curtain around revetment area.
	Imported riprap stone. Verified construction activities complied with the Mobilization and Site Preparation checklist.
02	Removed debris and concrete from the shoreline, segregated and stockpiled. Verified construction activities complied with the Shoreline
	Excavation and Revetment 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

11/8/12 — 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

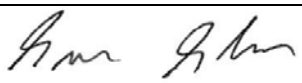
4296/2 (9/98)

Mobilization and Site Preparation

Date: 11/08/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contractor coordinated with the Contracting Officer any utility hookups that may be needed for the project, including water, electricity, and telephone services (01 50 00 Temporary Facilities And Controls, Sec 1.3)?	**Prep**	**X**			
Are all permits required prior to working in the area described in the Environmental Protection Plan as well as any contingency plans in case unexpected environmental conditions were discovered (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have all quantities of hazardous waste to be generated during the project been listed and quantified in the Environmental Protection Plan (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	**Prep**	**X**			
Was the storm water pollution prevention plan submitted as a preconstruction submittal (01 57 19.00 20 Temporary Environmental Controls, Sec 3.4.4)?	**Prep**		**X**		SWPPP has been verbally approved; awaiting final submittal
Have appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment been mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	**Prep**	**X**			
Within 15 days after the commencement of work, was one project identification sign provided at a location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Initial**				Project sign is being produced
Was the content of the project identification sign verified with the Contracting Officer using shop drawings (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	**Initial**	**X**			Shop drawing has been submitted
Was the Contracting Officer notified at least 15 calendar days prior to modifying any vehicular traffic patterns at any locations and provided a Traffic Control Plan detailing the proposed controls to traffic movement (01 50 00 Temporary Facilities And Controls, Sec 1.8.1)?	**Initial**				TCP to be submitted with final RAWP
Has the contractor ensured that the public and other unauthorized personnel do not have access to the site during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	**Initial**	**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**			
Was the Contracting Officer contacted for conditions in the area of the project that may be subject to special environmental procedures and was this documented in the Preconstruction Survey (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Initial**	**X**			Preconstruction Survey Report has been submitted
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	**Follow up**	**X**			
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**				
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Do all contractor-provided vehicles display a valid state license plate and safety inspection sticker (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	**Follow up**				
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
Calibration				**X**	

QC Manager: Spencer Slominski 	Date: 11/08/12

Shoreline Excavation and Revetment

Date: 11/08/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**			**X**	
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**			**X**	
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**			**X**	
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**			**X**	
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**			**X**	
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**			**X**	
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**			**X**	
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**			**X**	
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**			**X**	
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**			X	
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			X	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**			X	
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**			X	
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**			**X**	
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**			**X**	
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**			**X**	
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**			**X**	
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**			**X**	
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**			**X**	
Has placement of the filter rock and riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**			**X**	
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**			**X**	
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**			**X**	
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**			X	
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**			**X**	
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**			**X**	
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**			**X**	
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					
Calibration				**X**	

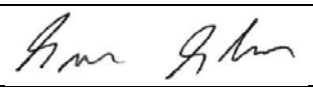
QC Manager: Spencer Slominski 	Date: 11/08/12

Photo 1: Mobilization – Grade stakes for revetment construction set during shoreline survey

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 8, 2012

Photo 2: Shoreline Excavation and Revetment – Delivery of riprap stone by truck

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 8, 2012

Photo 3: Shoreline Excavation and Revetment – Installation of silt curtain
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 8, 2012

Photo 4: Shoreline Excavation and Revetment – Removal of rocky debris from the shoreline
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 8, 2012

Photo 5: Shoreline Excavation and Revetment – Stockpile of rocks removed from the shoreline

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 8, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 &18)	DATE: 9/11/12	REPORT NO: 005
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Sunny/Cool	PM WEATHER: Sunny/Cool	MAX TEMP (F): 55	MIN TEMP (F): 48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01	Conduct tailgate safety briefing with craft labor and review AHA for mobilization	ERRG	1	Superintendent	10
	Dixon Marine on site to finish silt curtain deployment. Cruz brothers locators	ERRG	1	Construction Manager	8
	on site to sweep the revetment excavation area for utilities. ERRG crews	ERRG	1	Project Manager	2
	continue clearing debris from the revetment area and stockpiling. Continue	ERRG	1	QC Manager	10
	importing rip rap and filter rock today, stage in areas along the revetment	ERRG	1	H&S Officer	8
	adjacent to the work. Crew working on tire wash and street sweeping.	ERRG	3	QC Staff	28
		ERRG	4	Equipment Operators	26
		ERRG	5	Laborers	26
		ERRG	2	Truck Driver	12
		Cruz Brothers	1	Utility Locator	4
		Dixon Marine	5	Silt Curtain Installer	30

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
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	590.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	754.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
01	Tailgate safety briefing, initial equipment inspections performed, AHA review for mobilization	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
01		Rip Rap 587.75 tons
01		4" Filter Rock 273.21
01		4ea light towers
01		Kubota off road vehicle

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
01	ERRG	70KW Generators (2 ea)	0
01	Harris Blade	Hyundai Long reach Excavator	8
01	ERRG	JD 644 Loader	8
01	ERRG	JLG Skytrak 8K reach forklift	2
01	ERRG	Ford 2000 gallon water truck	8
01	Harris Blade	Top Gun Street Sweeper	8
01	ERRG	2ea Kubota off road vehicles	16
01	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores 11/09/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 9/11/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	Remedial Action Parcel B (Excluding IR 7 & 18)	005 cont.

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Cool	Sunny/Cool	55	48

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
01	ERRG	JD 210E skiploader	8
01	ERRG	JD 710 Backhoe	0
01	ERRG	JD 310 Backhoe	8
01	Harris Blade	Cat D5M Dozer	0
01	United Rentals	Genie Manlift	6
01	ERRG	Light tower	0
01	United Rentals	3 light towers	0

Schedule Activity No.	REMARKS

James Nores 11/09/12

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 11/9/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Site cleanup, durable cover, revetment and soil vapor extraction system.

SHORELINE CLEANUP, IMPACT RIPRAP, SILT CURTAIN

SAFETY TOPICS PRESENTED

SAFETY TOPICS WATER, EQUIPMENT, STAFF, 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 INSECTS, SNAKES, RATS, 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 Rodrigues	ERRG	
Spencer Sloan	ERRG	
Jim Aguirre	ERRG	
John N. Filonis	DMS	
CHRISTO MANTZARIS	ERRG	
Michael Meyer	ASC	
Fernando Loza	ERRG	
Guadalupe I	ERRG	Guadalupe I.
Spencer Johnson	ERRG	
Rex Maguden	ERRG	
Boris Pandilov	ERRG	
Tonny Green	ERRG	
Kirk Bailey	ERRG	
Mike Babst	ERRG	
Tyler Eskridge	CEL	
Naomi Bernardo	BUDDY	
Ty Rahn	ERRG	
Chris Sourial	ERRG	

Health & Safety Officer R. Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
JUAN RGONZALEZ	TEPA TRK	[illegible]
Juan Rivalcaba	Rivalcaba TRK	[illegible]
RAFAEL CARLO	Martinez	[illegible]
James Crook	18 Trucking	[illegible]
Reyes Pruking	18 Trucking	[illegible]
[illegible]	Martinez 141	[illegible]
[illegible]	[illegible]	[illegible]
BALWINDER [illegible]	[illegible]	[illegible]
Damien Danly	Schaxel	[illegible]
[illegible]	CRT	[illegible]
[illegible] DOSS	[illegible]	[illegible]
William Sidney	Binda TRK	William Sidney
[illegible]	[illegible]	[illegible]
[illegible]	BUTOG	EDMAR CORDEIRO
ED CORDERO	EDMAR	[illegible]
ROBIN FABRY	18 TRK	[illegible]

SSHO: [redacted]

SUPERINTENDENT: James Nores

SIGNATURE: _____

SIGNATURE: _____

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2011-147, Hunters Point Naval Shipyard, Parcels [redacted] AHA #: 4 Silt Curtain Dixon

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		11/8/12
Site Safety and Health Officer:	[redacted] R. EPP		11/8/12
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		11/8/12
Employee(s): DIXON	John N. Filoma		11/8/12
	Kallan Fox		11/8/12
	Ethan Livingston		11/8/12

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	11/9/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WINDY, COLD	Page:	1 of 1
Site Visitors:	NAOMI BONNARDO		

Description of Field Activities:

DIXON MARINE COMPLETED INSTALLATION OF SILT CURTAIN.

CRUZ BROS. UTILITY SURVEYING

CLEARING ROCKS & DEBRIS FROM SHORELINE

TRUCKS IMPORTING RIP RAP AND FILTER ROCK

TIRE WASH STATION AND ROAD SWEEPER IN USE

DUST MONITORS NOT DEPLOYED - SITE SATURATED.

EQUIPMENT IN USE:

EXCAVATOR, LONG-REACH EXCAVATOR, END LOADER, BACKHOE, OFF-ROAD TRUCK, WATER TRUCK, SWEEPER, KUBOTA, AERIAL LIFT, SKIP LOADER

Signed: _____ Date: 11/9/12

ERRG

ERRG

WEEKLY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: TW11079

Project Number / Name: Kike Rental ☐ ERRG ☑

Name of Inspector / Date:	11-6-12	11-7-12 RM		11-9-12		
Daily Hours:	1045.	1048		1050		
	OK defect N/A	OK defect N/A	OK defect N/A	OK defect N/A	OK defect N/A	Defect(s):
Tires and rims damage, sliced	☒ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Tracks	☐ ☐ ☒	☐ ☐ ☑	☐ ☐ ☐	☐ ☐ ☑	☐ ☐ ☐	
Steps and handgrips	☒ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Guards on moving part	☒ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
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	☒ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Check and Record Fuel Level, Cap Condition	☒ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Inspect Hydraulic Lines for visible wear	☒ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Fitting Greased	☒ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	

Explain any equipment defect or damage and corrective actions taken. NO. FIRE EXTINGUISHER. New one installed 11/9/12

ERRG

WEEKLY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 210 SKID LOADER Identification Number: _____

Project Number / Name: HPNS Rental ☐ ERRG ☑

Date	11-5-12	11-6-12	11-7-12	11-9-12		
Name of Inspector	FL	1229.0 HR. JLi	1235.2 JLi	1239.2 JLi		
	OK defect N/A	OK defect N/A	OK defect N/A	OK defect N/A	OK defect N/A	Defect(s):
Tires and rims damage, sliced	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Tracks	☐ ☐ ☑	☐ ☐ ☑	☐ ☐ ☑	☐ ☐ ☑	☐ ☐ ☐	
Steps and handgrips	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Guards on moving part	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
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	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Check and Record Fuel Level, Cap Condition	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Inspect Hydraulic Lines for visible wear	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	
Fitting Greased	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	

Explain any equipment defect or damage and corrective actions taken. _____

Coolant Low, Added coolant

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

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

Project Number / Name: #PSY **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects															
Inspected By (Initials) And Date:	11,5 12 PR			11,6 12 PR			11,7,12 PR			11-8-12			11-9-12			
	5045.2			5049.0			5056.1			5065.2			5067.0			
	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	☑	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	damage on right step, some tire damage, pump leaks, side sprayer, power steering canister is leaking master cylinder has leak right side blinker front and back
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: ~~Damage on right step, some tire damage as well, leaks on pump~~ Tony work on problem on 11-8-12 Tony on site

ERRG

WEEKLY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: John Deere Loader Identification Number: 644J

Project Number / Name: Hunters Point SE Rental ☐ ERRG ☑

Date	Hrs. 3649.2 11-5-12			11/6/12			11-7-12			11-8-12			11-9-12			
Name of Inspector	Jim Aguiar			BP 3650.9			JA 3654.1			JA 3660.2			3666.5 JA			
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	Defect(s):
Tires and rims damage, sliced	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	BENT FENDERS
Tracks	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	cutting edge BENT
Steps and handgrips	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	FRONT WIPER INOP
Guards on moving part	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	FRONT LIGHT INOP
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	FRONT LIGHT'S INOP
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	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Check and Record Fuel Level, Cap Condition	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Inspect Hydraulic Lines for visible wear	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fitting Greased	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain any equipment defect or damage and corrective actions taken. Fenders bent, Front wiper inop
Bottom Lights work Top Do not, Back Lights work
Cutting Edge (Bent) (Wipers fixed 11-9)

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: BACKHOE 310 **Identification Number:** TW 10026

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

Inspected By / Date:	11-7-12 KH			11-8-12 KH			11-9-12 KH								
Daily Hours:	4930.			4939			4944								
	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐

Defect(s):

Explain corrective actions taken: _____

ERRG

WEEKLY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: WR Truck Identification Number: 7V03957

Project Number / Name: Hunters Point SF Rental ☐ ERRG ☑

Date	12145.5m 11-5-12			12146.1 11-6-12			12154.0 11-6-12			11/8/12			11-7-12 1217a MV			
Name of Inspector				FL			TL									
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	Defect(s):
Tires and rims damage, sliced	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	FENDER BENT
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving part	☐	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Check and Record Fuel Level, Cap Condition	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Inspect Hydraulic Lines for visible wear	☑	☐	☑	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fitting Greased	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain any equipment defect or damage and corrective actions taken. REAR LEFT FENDER DAMAGED, LEFT SIDE FRONT BUMPER DAMGED, RIGHT SIDE STEP BENT, FRONT BUMPER LOOSE.

ERRG

WEEKLY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 200 LC Excavator Identification Number: _____

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

Date	11/5/12			11/6/12			11/7/12			11/8/12			11/9/12			
Name of Inspector	BP 4345			BP 4349			BP 4352.2			BP 4358			BP 4365			
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	Defect(s):
Tires and rims damage, sliced	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Tracks	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving part	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
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	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Check and Record Fuel Level, Cap Condition	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Inspect Hydraulic Lines for visible wear	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fitting Greased	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain any equipment defect or damage and corrective actions taken. _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 CAT **Identification Number:** M5397

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

Inspected By / Date:	FL 11-7-12			FL 11-8-12			FL 11-9-12									Defect(s):
Daily Hours:	2929.0			2930.4			2936.9									
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: REAR LEFT TIRE DAMAGED / BED IS DENTED.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Man lift **Identification Number:** _____

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

Inspected By / Date:	11-8-12															
Daily Hours:																
	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: MOBIL SWEEPER **Identification Number:** M-9B

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

Inspected By / Date:	FL 11-6-12	FL 11-7-12	KIME 11-8-12	11-9-12 KT		
Daily Hours:	12976.2	12981.8	12985.4	12986.2		
	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

WEEKLY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 290 Long stick Excavator Identification Number: _____

Project Number / Name: Hunters Point Rental ☒ ERRG ☐

Date	11/25/12												11/9/12			
Name of Inspector	B.P 1922.8												BP 1922.8			
	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	OK	defect	N/A	Defect(s):
Tires and rims damage, sliced	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	
Tracks	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Steps and handgrips	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Guards on moving part	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
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	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	
Check and Record Fuel Level, Cap Condition	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Inspect Hydraulic Lines for visible wear	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Fitting Greased	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	

Explain any equipment defect or damage and corrective actions taken. _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 9/11/12

REPORT NO 005

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE Parcel B (Excluding IR Sites 07 and 18) RA, 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 #
01	Mobilization and Site Preparation	

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	Surveyed the revetment excavation area for underground utilities.
	Verified construction activities complied with the Mobilization and Site Preparation checklist.
02	Completed installation of silt curtain around revetment area. Removed debris and concrete from the shoreline, segregated and stockpiled.
	Imported riprap stone and filter rock.
	Verified construction activities complied with the Shoreline Excavation and Revetment 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

11/9/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

INITIAL PHASE CHECKLIST

SPEC SECTION	DATE
01 50 00 / 01 57 19.00	9/11/12

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #1 Mobilization and Site Preparation	01	

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

PROCEDURE COMPLIANCE

IDENTIFIY FULL COMPLIANCE WITH PROCEDURES IDENTIFIED AT PREPARATORY. COORDINATE PLANS, SPECIFICATIONS, AND SUBMITTALS.

COMMENTS: Procedures are in compliance.

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? HPNS Parcel B

IS SAMPLE PANEL REQUIRED? YES ☐ NO ☒

WILL THE INIITAL WORK BE CONSIDERED AS A SAMPLE? YES ☐ NO ☒

(IF YES, MAINTAIN IN PRESENT CONDITION AS LONG AS POSSIBLE AND DESCRIBE LOCATION OF SAMPLE)

RESOLUTION

RESOLVE ANY DIFFERENCES.

COMMENTS: No differences were identified.

CHECK SAFETY

REVIEW JOB CONDITIONS USING EM 385-1-1 AND JOB HAZARD ANALYSIS

COMMENTS: EM 385-1-1 and site specific AHAs reviewed by SSHO.

OTHER

OTHER ITEMS OR REMARKS

Spencer Slominski — QC MANAGER

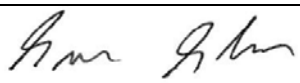
11/9/12 — DATE

Mobilization and Site Preparation

Date: 11/09/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contractor coordinated with the Contracting Officer any utility hookups that may be needed for the project, including water, electricity, and telephone services (01 50 00 Temporary Facilities And Controls, Sec 1.3)?	**Prep**	**X**			
Are all permits required prior to working in the area described in the Environmental Protection Plan as well as any contingency plans in case unexpected environmental conditions were discovered (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have all quantities of hazardous waste to be generated during the project been listed and quantified in the Environmental Protection Plan (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	**Prep**	**X**			
Was the storm water pollution prevention plan submitted as a preconstruction submittal (01 57 19.00 20 Temporary Environmental Controls, Sec 3.4.4)?	**Prep**		**X**		SWPPP has been verbally approved; awaiting final submittal
Have appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment been mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	**Prep**	**X**			
Within 15 days after the commencement of work, was one project identification sign provided at a location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Initial**				Project sign is being produced
Was the content of the project identification sign verified with the Contracting Officer using shop drawings (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	**Initial**	**X**			Shop drawing has been submitted
Was the Contracting Officer notified at least 15 calendar days prior to modifying any vehicular traffic patterns at any locations and provided a Traffic Control Plan detailing the proposed controls to traffic movement (01 50 00 Temporary Facilities And Controls, Sec 1.8.1)?	**Initial**				TCP to be submitted with final RAWP
Has the contractor ensured that the public and other unauthorized personnel do not have access to the site during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	**Initial**	**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**			
Was the Contracting Officer contacted for conditions in the area of the project that may be subject to special environmental procedures and was this documented in the Preconstruction Survey (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Initial**	**X**			Preconstruction Survey Report has been submitted
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	**Follow up**	**X**			
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**				
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Do all contractor-provided vehicles display a valid state license plate and safety inspection sticker (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	**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					
Calibration				**X**	

QC Manager: Spencer Slominski 	Date: 11/09/12

Shoreline Excavation and Revetment

Date: 11/09/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**			**X**	
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**			**X**	
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**			**X**	
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**			**X**	
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**			**X**	
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**			**X**	
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**			**X**	
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**			**X**	
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**			**X**	
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**			X	
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			X	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**			X	
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**			X	
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**			**X**	
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**			**X**	
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**			**X**	
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**			**X**	
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**			**X**	
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**			**X**	
Has placement of the filter rock and riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**			**X**	
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**			**X**	
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**			**X**	
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**			X	
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**			**X**	
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**			**X**	
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**			**X**	
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/09/12

Photo 1: Shoreline Excavation and Revetment – Delivery of riprap stone by truck
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Mike Babst (ERRG, Inc.) Date: November 9, 2012

Photo 2: Shoreline Excavation and Revetment – Stockpile of filter rock delivered to the site
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 9, 2012

Photo 3: Shoreline Excavation and Revetment – Removal of rocky debris from the shoreline

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 9, 2012

Photo 4: Shoreline Excavation and Revetment – Removal of rocky debris from the shoreline

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 9, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 12/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 &18)

REPORT NO: 006

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Cool	Sunny/Cool	55	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01	Conduct tailgate safety briefing with craft labor and review AHA for mobilization	ERRG	1	Superintendent	10
	Continue clearing debris from the shoreline, segregating and stockpiling. Crew	ERRG	1	Construction Manager	8
	continue with tire wash at Donahue gate and with street sweeping. Continue	ERRG	1	Project Manager	0
	import and stockpiling rip rap and filter rock. ERRG Corporate Health and	ERRG	1	QC Manager	10
	Safety Manager on site to conduct aerial lift safety training. Set up perimeter	ERRG	1	H&S Officer	8
	air monitors and generators- place generators in double containment.	ERRG	3	QC Staff	30
		ERRG	3	Equipment Operators	18.5
		ERRG	5	Laborers	25.5
		ERRG	2	Truck Driver	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	119
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	754.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	873.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
01	Tailgate safety briefing, equipment inspections performed, AHA review for mobilization, Aerial lift safety training conducted.

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
01		Rip Rap 567.73 tons
01		4" Filter Rock 20.45 tons

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
01	ERRG	70KW Generators (2 ea)	0
01	Harris Blade	Hyundai Long reach Excavator	8
01	ERRG	JD 644 Loader	8
01	ERRG	JLG Skytrak 8K reach forklift	2
01	ERRG	Ford 2000 gallon water truck	8
01	Harris Blade	Top Gun Street Sweeper	8
01	ERRG	2ea Kubota off road vehicles	16
01	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores — 11/12/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 12/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 & 18)

REPORT NO: 006 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Cool	Sunny/Cool	55	48

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
01	ERRG	JD 210E skiploader	0
01	ERRG	JD 710 Backhoe	0
01	ERRG	JD 310 Backhoe	8
01	Harris Blade	Cat D5M Dozer	0
01	United Rentals	Genie Manlift	0
01	ERRG	Light tower	0
01	United Rentals	3 light towers	0

Schedule Activity No.	REMARKS

James Nores 11/12/12

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/12/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Set up Air Monitors, continue clearing, import Rip Rap
Set up for tomorrow dig

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT STRUCK BY, TRUCK TRAFFIC, DUST

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

ISSUED LPO CARDS: X **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]
Paul Rodriguez	ERRG	[signature]
Boris Porter	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
Carlos Martinez	ERRG	[signature]
Sedrelede Trujillo	ERRG	Sedrelede T
Fernando Loza	ERRG	[signature]
Spencer Slowinski	ERRG	[signature]
Rex Magadia	ERRG	[signature]
DAVID HASAL	ERRG	David Hasal
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
ED GROOMAN	ERRG	E. D. Grooman
Brandon Sanders	ERRG	[signature]
TJ APM	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
[illegible]	[illegible]	[illegible]
James Crook	18 Trucking	[illegible]
Karim	18 Trkg	[illegible]
Pedram Mehdipour	18 Trkg	[illegible]
Daniel Daney	Sahota	D. Daney
[illegible]	18 Trucking	[illegible]
William Sidney	Bing	William Sidney
S. JOHAL	DOABA. TRK	S JOHAL
HARJIT SIN	H.B.T.	[illegible]
JAGMOHAN SINGH	MANN TRK	[illegible]
BALWINDER GRAR	J&G T	[illegible]
Javier Marin	18 Trucking	[illegible]
Daniel Sainz	Rojas Trucking	[illegible]

SSHO: [redacted] R. EPP SUPERINTENDENT: James Nores

SIGNATURE: SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 6 - IMPORTING MAT'LS

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	11/12/12 0200
Site Safety and Health Officer:	RICHARD EPP	[signature]	11/12/12 - 0700
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	11/12/12
Employee(s):	Kevin Bailey	[signature]	11-12-12 0700
	FERNANDO LOZA	[signature]	11-12-12 0700
	Paul Rodriguez	[signature]	11-13-12 0700
	Boris Portillo	Boris Portillo	11/13/12 0700
	Jim Aguirre	[signature]	11/13/12 0700
	ENRIQUE MARTINEZ	[signature]	11-13-12 0700
	GUADALUPE TRUJILLO	[signature]	11-13-12 0700
	Rex Magadia	[signature]	11-12-12 0700
	DAVID HASAL	[signature]	11-12-12 700
	Spencer Johnson	[signature]	11/12/12 0700
	Mike Babst	[signature]	11/12/12

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY 0700-1530	Date:	11/12/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, COOL WIND	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

CLEARING SHORELINE OF ROCKS & ASPHALT.

INCOMING RIPRAP AND FILTER ROCK BY TRUCK, WATER SPRAY DUST CONTROL.

BOOMLIFT TRAINING

SETTING UP AIR MONITORS AT INITIAL WORK AREA

WASHING TRUCK TIRES @ DOWNTOWN ST RUMBLE STRIP, SWEEPING ROADWAYS

EQUIPMENT: EXCAVATOR, LONG-REACH EXCAVATOR, OFF-ROAD DUMP TRUCK, END LOADER, BULLDOZER, 2 WATER TRUCKS, SWEEPER, 2 KUBOTAS

Signed: [signature] Date: 11/12/12

ERRG

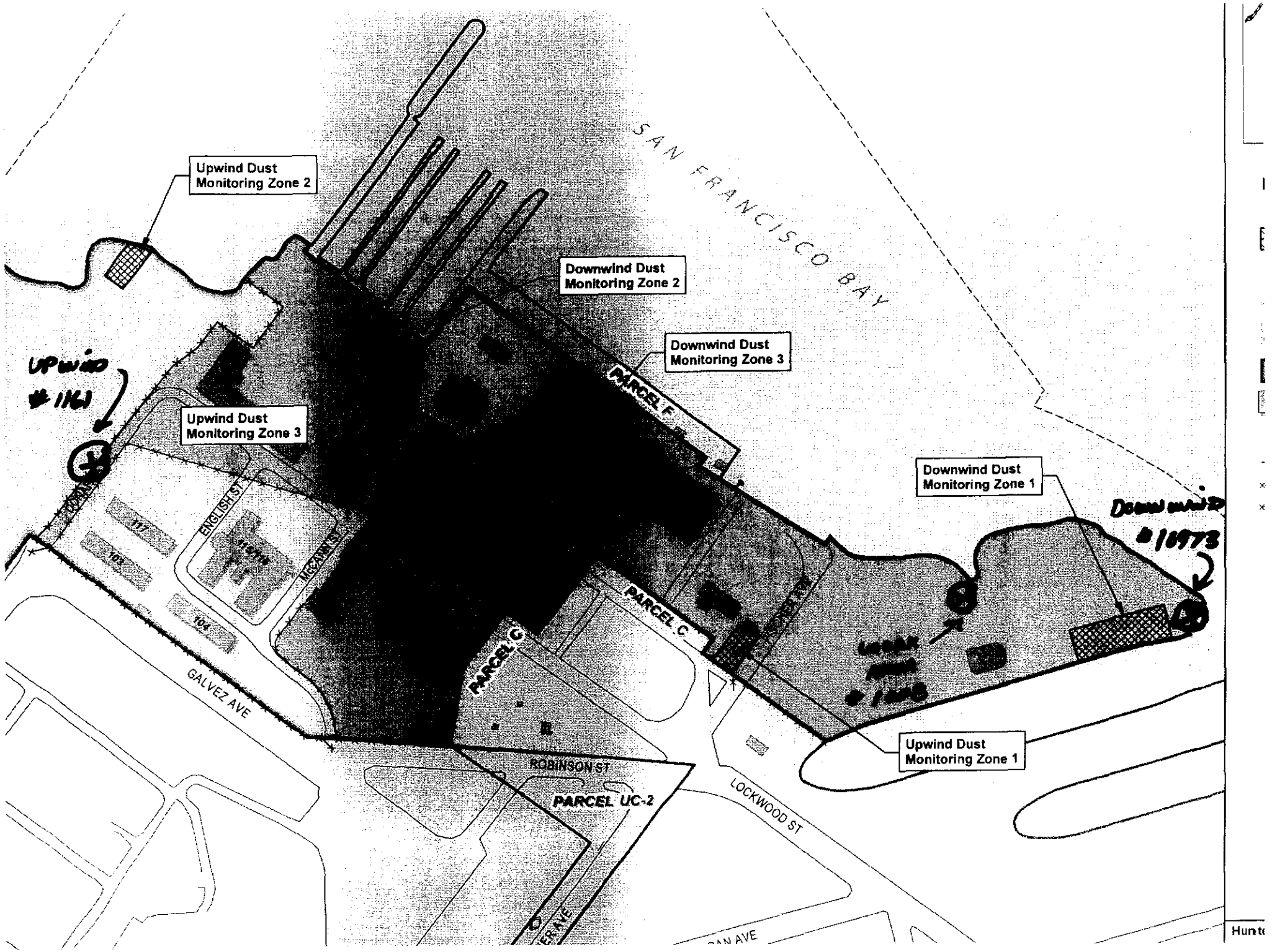
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 11/8/12 0900

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 #1161	11/12/12	0740	0.051	0.053	DONAHUE ST.
WORK AREA #1008		0750	0.012	0.017	DOWN WIND SMOKE WORK
DOWNWIND #10973		0755	0.000	0.009	END OF DD #3
U - 1161		0955	0.051	0.049	
WA - 1008		1000	0.018	0.017	
D - 10973		1005	0.001	0.003	
U - 1161		1300	0.045	0.048	
WA - 1008		1305	0.014	0.016	
D - 10973		1307	0.003	0.002	
U - 1161		1435	0.042	0.047	
WA - 1008		1440	0.012	0.015	
D - 10973		1445	0.005	0.001	
U - 1161		1505	0.043	0.047	
WA - 1008		1510	0.010	0.015	
D - 10973		1515	0.000	0.000	


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
SAN FRANCISCO BAY
PARCEL F
PARCEL G
PARCEL C
PARCEL UC-2
ENGLISH ST
MCCARTHY ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
117
103
104

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 12/11/12
REPORT NO 006

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE Parcel B (Excluding IR Sites 07 and 18) RA, 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	Placed stationary high-volume air monitoring stations for Construction Phase 1.
	Verified construction activities complied with the Mobilization and Site Preparation checklist.
02	Removed debris and concrete from the shoreline, segregated and stockpiled. Imported riprap stone and filter rock and stockpiled near work area.
	Verified construction activities complied with the Shoreline Excavation and Revetment 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

11/12/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

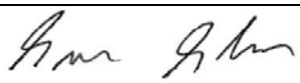
GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Mobilization and Site Preparation

Date: 11/12/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contractor coordinated with the Contracting Officer any utility hookups that may be needed for the project, including water, electricity, and telephone services (01 50 00 Temporary Facilities And Controls, Sec 1.3)?	**Prep**	**X**			
Are all permits required prior to working in the area described in the Environmental Protection Plan as well as any contingency plans in case unexpected environmental conditions were discovered (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have all quantities of hazardous waste to be generated during the project been listed and quantified in the Environmental Protection Plan (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	**Prep**	**X**			
Was the storm water pollution prevention plan submitted as a preconstruction submittal (01 57 19.00 20 Temporary Environmental Controls, Sec 3.4.4)?	**Prep**		**X**		SWPPP has been verbally approved; awaiting final submittal
Have appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment been mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	**Prep**	**X**			
Within 15 days after the commencement of work, was one project identification sign provided at a location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Initial**			**X**	Project sign is being produced
Was the content of the project identification sign verified with the Contracting Officer using shop drawings (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	**Initial**	**X**			Shop drawing has been submitted
Was the Contracting Officer notified at least 15 calendar days prior to modifying any vehicular traffic patterns at any locations and provided a Traffic Control Plan detailing the proposed controls to traffic movement (01 50 00 Temporary Facilities And Controls, Sec 1.8.1)?	**Initial**			**X**	TCP to be submitted with final RAWP
Has the contractor ensured that the public and other unauthorized personnel do not have access to the site during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	**Initial**	**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**			
Was the Contracting Officer contacted for conditions in the area of the project that may be subject to special environmental procedures and was this documented in the Preconstruction Survey (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Initial**	**X**			Preconstruction Survey Report has been submitted
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	**Follow up**	**X**			
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**				
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Do all contractor-provided vehicles display a valid state license plate and safety inspection sticker (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	**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					
Calibration				**X**	

QC Manager: Spencer Slominski 	Date: 11/12/12

Shoreline Excavation and Revetment

Date: 11/12/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**			**X**	
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**			**X**	
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**			**X**	
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**			**X**	
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**			**X**	
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**			**X**	
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**			**X**	
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**			**X**	
Has the prepared base been approved by the Contracting Officer?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**			**X**	
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**			X	
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			X	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**			X	
Have the strips been placed to provide a minimum width of 24 inches of overlap for each joint of the demarcation geotextile?	**Follow up**			X	
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**			**X**	
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**			**X**	
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**			**X**	
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**			**X**	
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	X			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**			**X**	
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**			**X**	
Has placement of the filter rock and riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**			**X**	
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**			**X**	
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**			**X**	
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**			X	
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**			X	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**			**X**	
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**			**X**	
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**			**X**	
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/12/12

Photo 1: Mobilization – Placement of stationary air monitoring station
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Mike Babst (ERRG, Inc.) Date: November 12, 2012

Photo 2: Shoreline Excavation and Revetment – Delivery of riprap stone by truck
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Mike Babst (ERRG, Inc.) Date: November 12, 2012

Photo 3: Shoreline Excavation and Revetment – Washing truck tires at construction exit
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Mike Babst (ERRG, Inc.) Date: November 12, 2012

Photo 4: Shoreline Excavation and Revetment – Removal of rocky debris from the shoreline
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Mike Babst (ERRG, Inc.) Date: November 12, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 13/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 &18)

REPORT NO: 007

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Cool	Clear/Cool	55	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	10
	Set up light towers in the work area. QC staff and grade setter lay out the area	ERRG	1	Construction Manager	10
	to be cut tonight. Crew begin cutting upper portion of revetment section, load	ERRG	1	Project Manager	6
	and transport the excavated material to the stockpile area, place on visqueen	ERRG	1	QC Manager	10
	During excavation noticed free product floating on the water and seeping from	ERRG	1	H&S Officer	8
	sidewall of the cut, notified the ERRG project manager who visually inspected	ERRG	3	QC Staff	30
	the area. He then instructed us to complete the cut to the specified grades and	ERRG	4	Equipment Operators	24
	place filter fabric and rock to stabilize the cut. Mobilized the crew to the far	ERRG	6	Laborers	36
	south end of the revetment and continued clearing debris from shoreline.	ERRG	2	Truck Driver	12
		Sonoma State	1	Archeologist	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	120
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	873.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	993.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
01	Tailgate safety briefing, equipment inspections performed, AHA review for revetment, discussed PPE requirements for working within 50' of shoreline, night work etc

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
01	ERRG	70KW Generators (2 ea)	48
01	Harris Blade	Hyundai Long reach Excavator	8
01	ERRG	JD 644 Loader	8
01	ERRG	JLG Skytrak 8K reach forklift	2
01	ERRG	Ford 2000 gallon water truck	8
01	Harris Blade	Top Gun Street Sweeper	0
01	ERRG	2ea Kubota off road vehicles	16
01	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores 11/13/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 13/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 & 18)

REPORT NO: 007 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Cool	Clear/Cool	55	48

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
01	ERRG	JD 210E skiploader	2
01	ERRG	JD 710 Backhoe	0
01	ERRG	JD 310 Backhoe	8
01	Harris Blade	Cat D5M Dozer	8
01	United Rentals	Genie Manlift	8
01	ERRG	Light tower	8
01	United Rentals	3 light towers	24

Schedule Activity No.	REMARKS

James Nores 11/13/12

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 11/13/12 **TIME** 1330 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BEGIN REVETMENT, AIR SAMPLING

SAFETY TOPICS PRESENTED

SAFETY TOPICS WORKING AT NIGHT, SLIP & F, WATER HAZARDS, EQUIPMENT & TRUCK MOVEMENT

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

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	
Tony Green	ERRG	
FERNANDO LOZA	ERRG	
Guadalupe T	ERRG	
Paul Rodriguez	ERRG	
Michael Meyer	ERRG	
ENRIQUE MARTINEZ	ERRG	
Tim Aguilar	ERRG	
Kobeko Ayalew	ERRG	
Baqing Tan Mi	ERRG	
Ty Apau	ERRG	
William Schmidt	ERRG	
Spencer Johnson	ERRG	
Mike Bebal	ERRG	
Rex Murphy	ERRG	
Scott Slocum	ERRG	
JOHN SOURIAL	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 2 Surveys

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	11/13/12 1230
Site Safety and Health Officer:	RICHARD EPP	[signature]	11/13/12 1230
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	11/13/12 1230
Employee(s):	Juan Lovat	[signature]	11/13/12 12:00
	Eric Jones	[signature]	11/13/12 1200

ERRG

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 Stormwater Rovetting

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nobles		11/13/12 1330
Site Safety and Health Officer:	Richard Epp		11/13/12 1330
Construction Quality Control Manager:	Spencer Slominski		11/13/12 1330
Employee(s):	Kirk Bailey		11-13-2012 1330
	Torey Green		11-13-2012 1331
	Fernando Loza		11-13-2012 1330
	Guadalupe trujillo	Guadalupe trujillo	11-13-2012 13:30
	Roberto Aguilera		11-13-2012 13:31
	Enrique Martinez		11-13-2012 13:30
	Jim Aguirre		11-13-12 13:30
	Paul Rodriguez		11-13-12 13:30
	Michael Meyer		11-13-12 1330
	Boris Portillo	Boris Portillo	11-13-12 13:30
	Ty Apple		11/13/12 13:30
	Spencer Johnson		11/13/12 1330
	William Schmidl		11/13/12 1330
	Mike Babost		11/13/12 13:30
	Rex Nogaldia		11/13/12 1330

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	11/13/12
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:

TOOK SOUND METER READINGS BEFORE WORK AND AT 1000, NO EXCEEDANCE NOISE.

EXCAVATED 30' SECTION, INSTALLED FABRIC AND FILTER ROCK.

SET-UP AIR MONITORING STATIONS, UPWIND AND DOWNWIND OF ACTIVITY

LIGHT METER READINGS TAKEN, ADEQUATE FLOOD LIGHT PRESENT.

BEGAN SETTING UP FOR TOMORROWS CUT

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, END LOADER, SKID LOADER, AERIAL LIFT, WATER TRUCKS, KUBOTAS, LIGHT TOWERS

Signed: Richard Epp Date: 11/13/12

ERRG

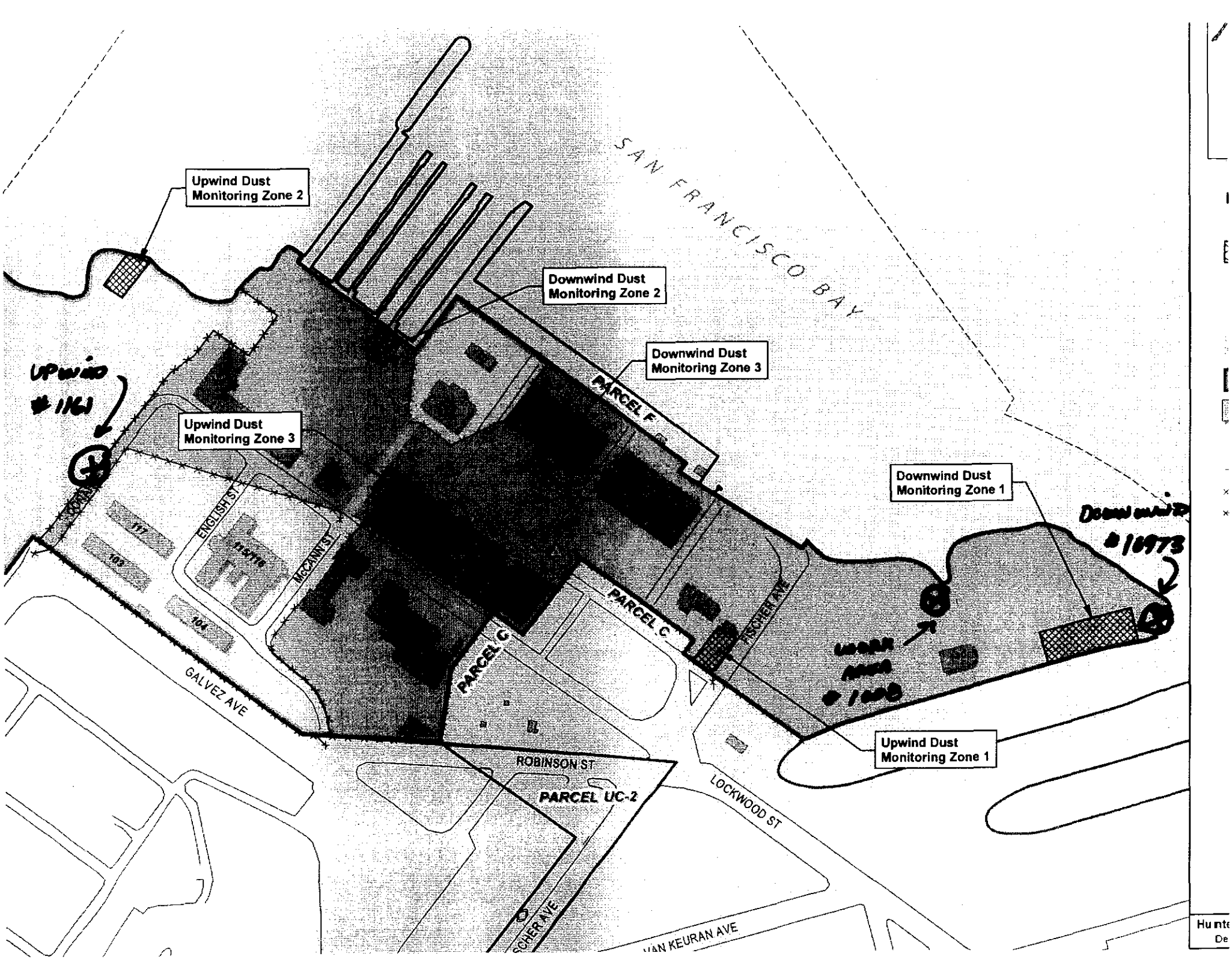
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 11/8 & 11/13

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
#1161 UPWIND	11/13/12	1405	0.046	0.057	UPWIND AT DOWNTIME
#1008 WORK AREA		1410	0.007	0.006	DOWNWIND OF WORK AREA
#10973 DOWNWIND		1415	0.002	0.006	DOWNWIND @ DD #3
#10973 DW		1540	0.000	0.001	
#1008 WA		1545	0.002	0.003	
#10973 DW		1630	0.003	0.001	
#1008 WA		1635	0.002	0.003	
#1161 UP		1645	0.045	0.046	
#1008 WA		1810	0.000	0.002	
#10973 DW		1813	0.004	0.001	
#1161 UP		1818	0.044	0.045	
#10973 DW		1845	0.036	0.001	
#1008 WA		1850	0.000	0.001	
#1161 UP		1855	0.037	0.044	


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
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
ENGLISH ST
MCCANN ST
FISCHER AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
117
103
115/119
104

Multi-Meter + Sound Meter

LOG SHEET

ERRG

Prepared by: RICHMOND EPP
Project Name: HPNS ~~PARCEL B~~
Site Location: PARCEL B
Calibration (Date and Time): —

Client: NAVY
Project No.: 2012-037
Page: 1 of 1
Standard Used: SOUND LEVEL METER

	Location	Date	Time	Instrument SLM	Instrument @Rae	Comments
1	AT MAIN GATE BY 116	11/13/12	1310	45		
2	@ GUARD SHACK			72/55		BUS PASSING/UNKNOWN
3	@ DONAHUE + GANGWAY			51		
4	@ INNES + DONAHUE			63/53		CAR PASSING/UNKNOWN
5	@ INNES + EARLE		1315	56		
1	@ TEMP GATE BY 116	~~11/13/12~~	1755	52		
2	@ GUARD SHACK			42		
3	@ DONAHUE + GANGWAY			51		
4	@ INNES + DONAHUE			47		
5	@ INNES + EARLE		1810	65/48		TRAFFIC/NO TRAFFIC

DURING BOTH SETS OF READINGS, COULD NOT HEAR BEEPS FROM BACKUP ALARMS OR ANY EQUIPMENT NOISE

[signature]

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.: RTV 900	Serial No.: TW11078

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)	✓	WILL DO	
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:** 11/12/[illegible]

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/11/12

REPORT NO 007

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE Parcel B (Excluding IR Sites 07 and 18) RA, 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	Placed stationary high-volume air monitoring stations for Construction Phase 1.
	Verified construction activities complied with the Mobilization and Site Preparation checklist.
02	Began construction of the revetment section between stations 13+00 and 13+20. During excavation of the revetment subgrade, petroleum
	contamination was discovered (including an apparent lens of vitrified petroleum located approximately 5-feet above msl, and petroleum product
	leaching from the sidewall of the excavation from the water level of -1.4-feet msl to at least 2-feet above msl). The following actions were
	implemented to contain the product and stabilize the excavation: a hydrocarbon-absorbent boom was deployed at the toe of the excavation;
	excavated sediment was removed and stockpiled; and the excavation sidewall was lined with geotextile fabric and covered with filter rock.
	Soil samples were collected from the excavated sediment for TPH analysis.
	Verified construction activities complied with the Shoreline Excavation and Revetment 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

11/13/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

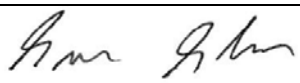
GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Mobilization and Site Preparation

Date: 11/13/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contractor coordinated with the Contracting Officer any utility hookups that may be needed for the project, including water, electricity, and telephone services (01 50 00 Temporary Facilities And Controls, Sec 1.3)?	**Prep**	**X**			
Are all permits required prior to working in the area described in the Environmental Protection Plan as well as any contingency plans in case unexpected environmental conditions were discovered (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have all quantities of hazardous waste to be generated during the project been listed and quantified in the Environmental Protection Plan (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	**Prep**	**X**			
Was the storm water pollution prevention plan submitted as a preconstruction submittal (01 57 19.00 20 Temporary Environmental Controls, Sec 3.4.4)?	**Prep**		**X**		SWPPP has been verbally approved; awaiting final submittal
Have appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment been mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	**Prep**	**X**			
Within 15 days after the commencement of work, was one project identification sign provided at a location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Initial**			**X**	Project sign is being produced
Was the content of the project identification sign verified with the Contracting Officer using shop drawings (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	**Initial**	**X**			Shop drawing has been submitted
Was the Contracting Officer notified at least 15 calendar days prior to modifying any vehicular traffic patterns at any locations and provided a Traffic Control Plan detailing the proposed controls to traffic movement (01 50 00 Temporary Facilities And Controls, Sec 1.8.1)?	**Initial**			**X**	TCP to be submitted with final RAWP
Has the contractor ensured that the public and other unauthorized personnel do not have access to the site during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	**Initial**	**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**			
Was the Contracting Officer contacted for conditions in the area of the project that may be subject to special environmental procedures and was this documented in the Preconstruction Survey (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Initial**	**X**			Preconstruction Survey Report has been submitted
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	**Follow up**	**X**			
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**				
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Do all contractor-provided vehicles display a valid state license plate and safety inspection sticker (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	**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					
Calibration				**X**	

QC Manager: Spencer Slominski 	Date: 11/13/12

Shoreline Excavation and Revetment

Date: 11/13/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**				
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**				
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**			**X**	
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**			**X**	
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the prepared base been approved by the Contracting Officer?	**Follow up**				
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**			**X**	
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**			**X**	
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**			**X**	
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**			**X**	
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**			**X**	
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**			**X**	
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**			**X**	
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**			**X**	
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**			**X**	
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**			**X**	
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/13/12

Photo 1: Mobilization – Placement of stationary air monitoring station for Construction Phase 1

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: November 13, 2012

Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 13+00 and 13+20

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: November 13, 2012

Photo 3: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 13+00 and 13+20

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: November 13, 2012

Photo 4: Vitrified petroleum lens identified at approximately 5 feet below original grade

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 13, 2012

Photo 5: Petroleum-impacted sediment encountered across entire 20-foot wide excavation at approximately 7.5 feet below original grade (2.5 feet msl); visible sheen on water surface contained within excavation

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: November 13, 2012

Photo 6: ERRG management team inspected contamination and decided to deploy hydrocarbon absorbent boom, remove visible impacted material that had been loosened during excavation process, and stabilize excavation with geotextile and filter rock

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: November 13, 2012

Photo 7: Hydrocarbon absorbent boom deployed at excavation toe during low tide
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 13, 2012

Photo 8: Geotextile installed and filter rock placed over geotextile with LGP bulldozer
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 13, 2012

Photo 9: Stabilized excavation with hydrocarbon absorbent boom
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Rex Magadia (ERRG, Inc.) Date: November 13, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 14/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 &18)

REPORT NO: 008

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cool	Clear/Cool	55	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01, 02	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	10
	Set up light towers in the work area. QC staff and grade setter lay out the area	ERRG	1	Construction Manager	8
	to be cut tonight. Crews working on securing stockpiled material from the cut	ERRG	1	Project Manager	6
	last night impacted with hydrocarbons- berm around stockpile, covered with	ERRG	1	QC Manager	10
	poly sheeting and sandbagged to secure covering. Start new revetment cut	ERRG	1	H&S Officer	8
	at end near dry dock 3. Cut material to grades specified, place filter fabric,	ERRG	3	QC Staff	30
	filter rock to specified thickness (see QC Report). Place rip rap to secure cut.	ERRG	4	Equipment Operators	20
	wet excavated material stockpiled in temp stockpile area constructed adjacent	ERRG	6	Laborers	41
	to the work. Continue with some additional surface debris clearing in tomorrow	ERRG	2	Truck Driver	12
	evenings cut area.	ESP	2	Surveyors	10

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	154
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	993.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1147.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☒ SAFETY REQUIREMENTS HAVE BEEN MET.
01, 02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment	

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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Hyundai Long reach Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores 11/14/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 14/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 & 18)

REPORT NO: 008 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cool	Clear/Cool	55	48

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
02	ERRG	JD 210E skiploader	2
02	ERRG	JD 710 Backhoe	0
02	ERRG	JD 310 Backhoe	8
02	Harris Blade	Cat D5M Dozer	8
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24

Schedule Activity No.	REMARKS

James Nores 11/14/12

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 11/14/12 **TIME** 1000 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CONTINUE REVETMENT IMPROVEMENTS

SAFETY TOPICS PRESENTED

SAFETY TOPICS SUN BLOCK, WORK AT NIGHT, RADIOS, PROXIMITY TO 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	
Guadalupe Trujillo	ERRG	
Roberto Aguilera	ERRG	
Boris Tordill	ERRG	
Paul Rodriguez	ERRG	
Fernando Lara	ERRG	
Enrique Martinez	ERRG	
Greg Bailey	ERRG	
TJ Ahern	ERRG	
William Schmidt	ERRG	
Rex Magadia	ERRG	
Spencer Johnson	ERRG	
Spencer Slomyak	ERRG	
Jamica Nord	ERRG	
Mike Bukat	ERRG	
John Lovato	ERRG	
Eric Jones	ERRG	
JOHN SOURIAL	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG 2012-037

VISITORS LOG

NAME PRINTED		COMPANY	SIGNATURE
[illegible]	11/14/12	ERRG	
PETER LOURIDGE		ERRG	
ALAN MUELLER		ERRG	
EMILY JACKSON		ERRG	
Christine Wang		ERRG	
Claire Walker		ERRG	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	11/14/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY & SUNNY	Page:	1 of 1
Site Visitors:	(SEE ATTACHED LOG.)		

Description of Field Activities:

BEGAN THE DAY CLEARING THE SHORELINE AT DRYDOCK #3. ERRG WAS TOLD TO STAND DOWN FROM SHORELINE ACTIVITY SHORTLY AFTER. THE STAND DOWN LASTED FOR A FEW HOURS AND WE RETURNED TO WORK ON THE SHORELINE AS ORIGINALLY PLANNED.

REVETMENT EXCAVATED, PROPPED WITH FABRIC AND ENTER ROCK, BEGAN PLACING RIP RAP UP THE SLOPELINE FROM THE BATHTUBS TO DRY DOCK #3.

DURING THE STANDDOWN, MISC. ACTIVITIES UNDERTAKEN; SOME HOUSEKEEPING, GRADING ROADWAYS, RAMP IN STOCKPILE AREA, COVERED STOCKPILES

LIGHT LEVEL IN THE WORK AREA WAS 8.0 TO 5.6 FC, UTILIZING 2 LIGHT TOWERS. ALL PERSONNEL ALSO HAD PERSONAL HEADLAMPS.

SURVEYORS ON SITE

EQUIPMENT: EXCAVATOR, DOZER, LAND LOADER, SKIP LOADER, DUMP TRUCK, OFF-ROAD DUMP TRUCK, 2 KUBOTAS.

At approximately 1600, a group of people (5-6) were noticed standing near a van next to the fence at building 125. QC manager spoke with them and they identified themselves as Lennar personnel and that they were just leaving. Group left the site.

Signed: [signature] Date: 11/14/12

ERRG

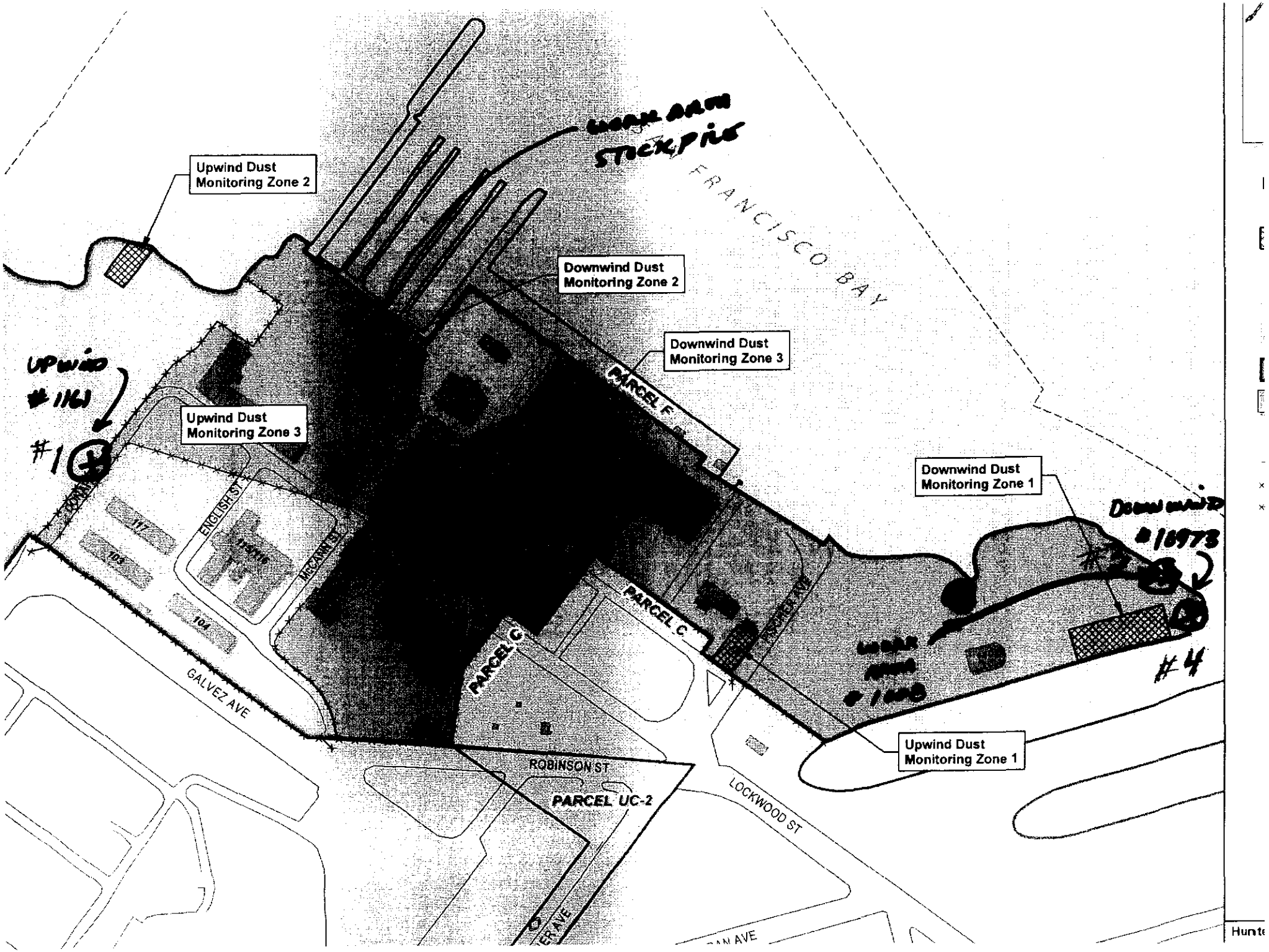
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 11/8/12, 11/14/12

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
#1 LOCATION, SITE UPWIND ON DONAHUE ST. MOTOR # 1161	11/14/12	1355	0.001	0.003	
		1500	0.003	0.000	RED DEPLOYED
		1745	0.045	0.000	
		1933	0.000	0.005	
#2 LOCATION, STOCKPILE DOWNWIND MOTOR # 1808	11/14/12	1350	0.013	0.009	PLACED
		1505	0.011	0.014	MOVED
#3 LOCATION, SHORELINE WORK AREA D'WIND MOTOR # 1008	11/14/12	1320	0.017	0.014	
		1570	0.012	0.010	RED DEPLOYED
		1550	0.011	0.013	
		1735	0.012	0.015	
		1925	0.002	0.010	
#4 LOCATION, SITE DOWNWIND @ DD#3 MOTOR # 10923	11/14/12	1325	0.009	0.020	
		1400	0.008	0.010	
		1550	0.011	0.008	
		1737	0.014	0.008	
		1927	0.012	0.010	


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
FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C-2
PARCEL UC-2
ENGLISH ST
McCARRAN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
117
105
104

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 14/11/12
REPORT NO 008

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE Parcel B (Excluding IR Sites 07 and 18) RA, 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 surveying the shoreline and installing grade stakes for revetment construction.
	Verified construction activities complied with the Mobilization and Site Preparation checklist.
02	Excavated shoreline to design subgrade elevation between stations 0+00 and 0+30, installed geotextile fabric, and placed filter rock.
	Verified filter rock was placed to a minimum thickness of 8 inches. Placed riprap over the filter rock between stations 0+10 and 0+30.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

11/14/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description
	In the future, for incidences such as this one and near misses
	call ROICC and CSO. And this should be described in the daily
	report.

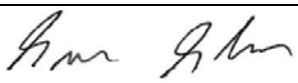
GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Mobilization and Site Preparation

Date: 11/14/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contractor coordinated with the Contracting Officer any utility hookups that may be needed for the project, including water, electricity, and telephone services (01 50 00 Temporary Facilities And Controls, Sec 1.3)?	**Prep**	**X**			
Are all permits required prior to working in the area described in the Environmental Protection Plan as well as any contingency plans in case unexpected environmental conditions were discovered (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have all quantities of hazardous waste to be generated during the project been listed and quantified in the Environmental Protection Plan (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	**Prep**	**X**			
Was the storm water pollution prevention plan submitted as a preconstruction submittal (01 57 19.00 20 Temporary Environmental Controls, Sec 3.4.4)?	**Prep**		**X**		SWPPP has been verbally approved; awaiting final submittal
Have appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment been mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	**Prep**	**X**			
Within 15 days after the commencement of work, was one project identification sign provided at a location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Initial**			**X**	Project sign is being produced
Was the content of the project identification sign verified with the Contracting Officer using shop drawings (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	**Initial**	**X**			Shop drawing has been submitted
Was the Contracting Officer notified at least 15 calendar days prior to modifying any vehicular traffic patterns at any locations and provided a Traffic Control Plan detailing the proposed controls to traffic movement (01 50 00 Temporary Facilities And Controls, Sec 1.8.1)?	**Initial**			**X**	TCP to be submitted with final RAWP
Has the contractor ensured that the public and other unauthorized personnel do not have access to the site during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	**Initial**	**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**			
Was the Contracting Officer contacted for conditions in the area of the project that may be subject to special environmental procedures and was this documented in the Preconstruction Survey (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Initial**	**X**			Preconstruction Survey Report has been submitted
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	**Follow up**	**X**			
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**				
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Do all contractor-provided vehicles display a valid state license plate and safety inspection sticker (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	**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					
Calibration				**X**	

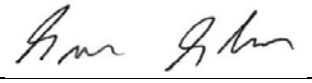
QC Manager: Spencer Slominski 	Date: 11/14/12

Shoreline Excavation and Revetment

Date: 11/14/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**				
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**				
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**			**X**	
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**				
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**				
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**			**X**	
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**				
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**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					
Calibration				**X**	

QC Manager: Spencer Slominski 	Date: 11/14/12

Name: Rex Magadia

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

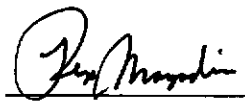
Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11/14/12	Date	11/14/12
Time	1825	Time	1835
DO (mg/L)	6.56	DO (mg/L)	6.10
pH	7.70	pH	7.65
Turbidity (NTU)	245.4	Turbidity (NTU)	33.0
Temperature (°C)	15.18	Temperature (°C)	15.03

YSI Meter 3-Pt. pH Calibration Table

1st pH	4.00
Reading	4.00
2nd pH	7.00
Reading	6.96
3rd pH	10.00
Reading	10.05

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	20 NTU standard read 12.0
After Calibration	20 NTU standard read 21.2

Signature: 

Date: 11/14/12

Photo 1: Mobilization – Shoreline survey for revetment construction
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 14, 2012

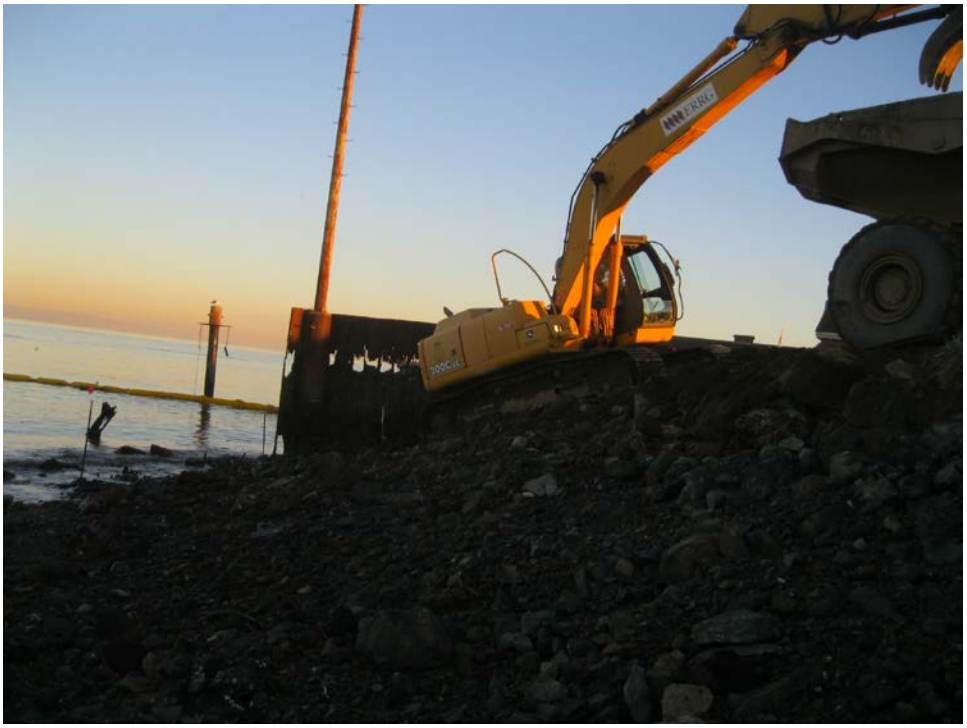


Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 0+00 and 0+30
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 14, 2012

Photo 3: Shoreline Excavation and Revetment – Revetment subgrade excavation between stations 0+00 and 0+30

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 14, 2012

Photo 4: Shoreline Excavation and Revetment – Installation of geotextile fabric on revetment subgrade

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 14, 2012

Photo 5: Placement of filter rock on top of geotextile fabric
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 14, 2012

Photo 6: Placement of riprap between stations 0+00 and 0+30
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 14, 2012

Photo 7: Hydrocarbon absorbent boom staged adjacent to revetment work area
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 14, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 15/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 009

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cool	Cloudy/Cool	55	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	7
	Set up light towers in the work area. QC staff and grade setter lay out the area	ERRG	1	Construction Manager	8
	to be cut tonight. Crew initially working on removing surface debris, stockpile	ERRG	1	Project Manager	6
	debris by type in their various stockpiles. Begin cut, excavate ~44 wide section	ERRG	1	QC Manager	10
	to the specified elevations, place filter fabric with specified overlaps and keys	ERRG	1	H&S Officer	8
	begin placement of filter rock to specified thickness. Place rip rap on top of	ERRG	3	QC Staff	30
	filter rock to specified thickness. Demo light pole that was mounted on the	ERRG	2	Equipment Operators	16
	sheet pile at the south end of the revetment, begin removing sheet pile to below	ERRG	5	Laborers	44
	revetment height. Place BMP's around all non-active stockpiles.	ERRG	2	Truck Driver	12
		ESP	2	Surveyors	16

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	157
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1147.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1304.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☒ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment	

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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Hyundai Long reach Excavator	0
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores 11/15/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 & 18)	DATE: 15/11/12	REPORT NO: 009 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): 48

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
02	ERRG	JD 210E skiploader	2
02	ERRG	JD 710 Backhoe	0
02	Harris Blade	Cat 735 Dump truck	8
02	Harris Blade	Cat D5M Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	4 light towers	24
02	ERRG	JD 200 Excavator	8

Schedule Activity No.	REMARKS

James Nores 11/15/12

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/15/12 **TIME** 0900 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK DEPLOY ABSORBANT BOOM INSIDE SILT CURTAIN, REVETMENT

SAFETY TOPICS PRESENTED EQUIPMENT, NIGHT OPS

SAFETY TOPICS WATER SAFETY, PINCH POINTS, LIFTING, SLIPPERY ROCKS, STTF, PFDs

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

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
Carlos Flores	NRCES	[signature]
RAMONCITO M. SANTOS	NRCES	[signature]
MATT GOTSHALK	NRC	[signature]
Juan Lovato	ESP	[signature]
Eric Jones	ESP	[signature]
King Bailey	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Gadalupe T	ERRG	Gadalupe T
Fernando Loza	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Boris Torbelle	ERRG	[signature]
Chris Hay	ERRG	[signature]
William Schmidt	ERRG	[signature]
Ty [illegible]	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
Mike Bubsl	ERRG	[signature]
Toney Green	ERRG	[signature]
Rex Magadia	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]

Health & Safety Officer Richard Epp **SUPERINTENDENT** James Nores

SIGNATURE [signature] **SIGNATURE** [signature]

ERRG

TAILGATE SAFETY MEETING

Pg 2.

11/15/12

NAME PRINTED	COMPANY	SIGNATURE
Spencer Johnson	ERRG	

SSHO: [redacted] R. Epp SUPERINTENDENT: James Nores

SIGNATURE: _____ SIGNATURE: _____

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 4 Silt Curtain

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NOBLES		11/15/12 0900
Site Safety and Health Officer:	RICHARD EPP		11/15/12 0900
Construction Quality Control Manager:	SPENCER SLOMINSKI		
Employee(s):	RAMON CID M. SANTOS		11-15-12 0900
	Carlos Flores		11/15/12 0900
	Matt Gotshall		11-15-12 0900

ERRG

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 REVETMENT

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NOBLES		11/15/12 1500
Site Safety and Health Officer:	RICHARD EPP		11/15/12 1500
Construction Quality Control Manager:	SPENCER SLOMINSKI		11/15/12 1500
Employee(s):	FERNANDO LOZA		11/15/12 1500
	Guadalupe T	Guadalupe T	11/15/12 1500
	ENRIQUE MARTINEZ		11-15-12- 1500
	Jim Aguiar		11-15-12 1500
	Boris Pavlovic		11/15/12 1500
	Chris Hay		11/15/12 1500
	William Schmidt		11/15/12 1500
	Ty Arm		11/15/12 1500
	Mike Babyak		11/15/12 1500
			11-13-12 1500
	Toney Green		11-15-12 1500
	Rex Magadia		11-15-12 1500
	Spencer Johnson		11/15/12 1500

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	11/15/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	SUNNY TO OVERCAST	Page:	1 of 1
Site Visitors:	PETE STRUGNOFF, ROICC		

Description of Field Activities:

SUBCONTRACTOR INSTALLED ABSORBENT BOOM INSIDE OF SILT [redacted] CURTAIN.

CONTINUED REVETMENT WORK MOVING FROM DRY DOCK #3 TOWARD [redacted] U.W.

WORK HOURS 1500 - 2300.

LIGHT LEVELS IN REVETMENT WORK AREA 9.3 - 6.9 Fc.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, SCRAPER LOADING, FRONT LOADER, 2 WATER TRUCKS, 2 KABOTAS, BULLDOZER

Signed: Richard Epp Date: 11/15/12

ERRG

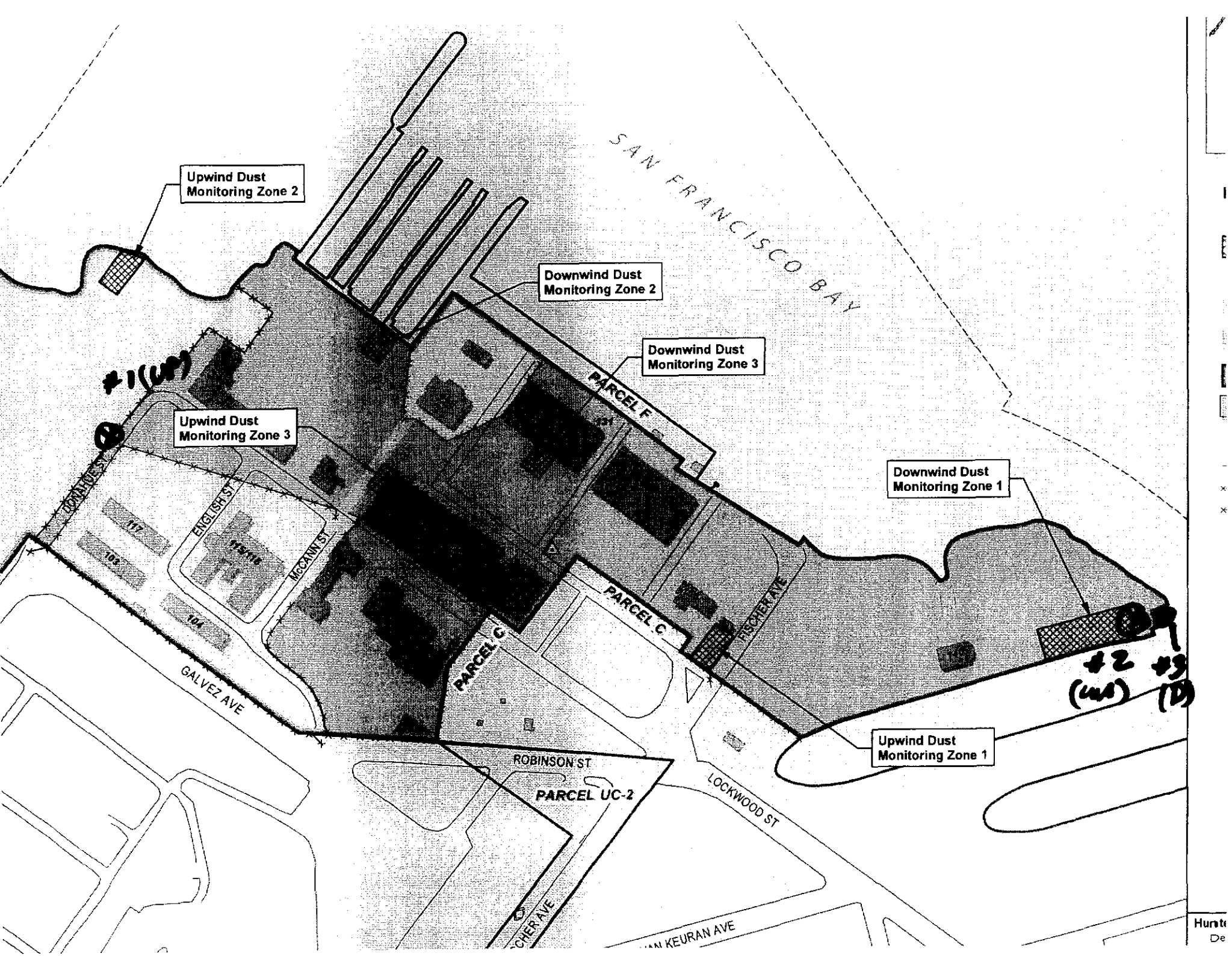
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 11/8/12, 11/11/12 11/14/12

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
#1 UPWIND ON DONAHUE ST	11/15/12	1532	0.000	0.012	
MERK # 1161		1918	0.000	0.002	
		2245	0.004	0.000	
#2 WARK ARON		1745	0.026	0.028	WIND DISPLACED MOTOR NOT ACTIVATED
DOWNWIND		1923	0.017	0.018	
		2038	0.022	0.018	
		2143	0.031	0.020	
#3 DOWNWIND @		1745	0.018	0.046	WIND DISPLACED MOTOR NOT ACTIVATED
DRY DOCK #3		1925	0.016	0.016	
		2040	0.029	0.018	
		2145	0.039	0.021	


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
#1 (UP)
#2 (DN)
#3 (D)
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
117
103
115/119
104

Multi-Meter + Sound Meter

LOG SHEET

ERRG

Prepared by: R. EPP
Project Name: HPNS
Site Location: PARCEL 13
Calibration (Date and Time):

Client: NAVY
Project No.: 2012-037
Page: 1 of 1
Standard Used:

Location	Date	Time	Instrument SLM	Instrument QRae	Comments
TOMAR GATE NORTH BLDG 116	11/15/12	2015	48.2 dBA		NO BACKUP ALARM SOUND
GUARD SHACK ON GALVESTON			50.3 dBA		BACK UP BEEP HEARABLE
CANNON GATE 2 + DONAHUE			48.0 dBA		BACK UP BACKGROUND NOISE
BUS STOP INNES + DONAHUE			45.1 dBA		BACK UP BARELY AUDIBLE
INNES & EARL	↓		42.4 dBA		NO BACK UP NOISE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 15/11/12
REPORT NO 009

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	Installed project sign at Support Zone 1.
	Verified construction activities complied with the Mobilization and Site Preparation checklist.
02	Installed hydrocarbon absorbent boom along inside edge of silt curtain along entire length of shoreline.
	Excavated shoreline to design subgrade elevation between stations 0+30 and 0+60, installed geotextile fabric, and placed filter rock.
	Verified filter rock was placed to a minimum thickness of 8 inches. Placed riprap over the filter rock between stations 0+30 and 0+60.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements. Continued surveying the shoreline and installing grade stakes for revetment construction.

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	Site walk to inspect SWPPP BMPs attended by Doug DeLong (Navy Environmental Compliance Manager)
	and Ross Steenson (SF Bay Regional Water Quality Control Board).

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

11/15/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

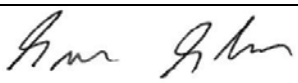
GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Mobilization and Site Preparation

Date: 11/15/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contractor coordinated with the Contracting Officer any utility hookups that may be needed for the project, including water, electricity, and telephone services (01 50 00 Temporary Facilities And Controls, Sec 1.3)?	**Prep**	**X**			
Are all permits required prior to working in the area described in the Environmental Protection Plan as well as any contingency plans in case unexpected environmental conditions were discovered (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have all quantities of hazardous waste to be generated during the project been listed and quantified in the Environmental Protection Plan (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Prep**	**X**			
Have photographs showing existing environmental conditions in and adjacent to the site been taken (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.2)?	**Prep**	**X**			
Was the storm water pollution prevention plan submitted as a preconstruction submittal (01 57 19.00 20 Temporary Environmental Controls, Sec 3.4.4)?	**Prep**		**X**		SWPPP has been verbally approved; awaiting final submittal
Have appropriate spill response materials including, but not limited to the following: containers, adsorbents, shovels, and personal protective equipment been mobilized to the site (01 57 19.00 20 Temporary Environmental Controls, Sec 2.1)?	**Prep**	**X**			
Within 15 days after the commencement of work, was one project identification sign provided at a location indicated by the Contracting Officer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Initial**	**X**			Project sign installed on 11/15/12
Was the content of the project identification sign verified with the Contracting Officer using shop drawings (01 50 00 Temporary Facilities And Controls, Sec 1.7)?	**Initial**	**X**			
Was the Contracting Officer notified at least 15 calendar days prior to modifying any vehicular traffic patterns at any locations and provided a Traffic Control Plan detailing the proposed controls to traffic movement (01 50 00 Temporary Facilities And Controls, Sec 1.8.1)?	**Initial**			**X**	TCP to be submitted with final RAWP. RAWP has been finalized, awaiting final submittal
Has the contractor ensured that the public and other unauthorized personnel do not have access to the site during the construction period (01 50 00 Temporary Facilities And Controls, Sec 1.9)?	**Initial**	**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**			
Was the Contracting Officer contacted for conditions in the area of the project that may be subject to special environmental procedures and was this documented in the Preconstruction Survey (01 57 19.00 20 Temporary Environmental Controls, Sec 1.6.1)?	**Initial**	**X**			Preconstruction Survey Report has been submitted
Are there adequate sanitary conveniences of a type approved for the use of persons employed on the work (01 50 00 Temporary Facilities And Controls, Sec 1.4)?	**Follow up**	**X**			
Are the trailers or storage buildings suitably painted and kept in a good state of repair (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Is there a sign, not smaller than 24 inches by 24 inches, conspicuously placed on the trailer depicting the company name, business phone number, and emergency phone number (01 50 00 Temporary Facilities And Controls, Sec 1.5)?	**Follow up**				
Are Contractor-provided vehicles and towed trailers displaying the Contractor's name so that it is clearly visible from at least 100 feet on both front doors of the vehicle and both sides of a towed trailer (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Do all contractor-provided vehicles display a valid state license plate and safety inspection sticker (01 50 00 Temporary Facilities And Controls, Sec 1.6)?	**Follow up**	**X**			
Are environmental protective measures to control pollution, including but not limited to water, air, solid waste, and noise pollution installed at the site (01 57 19.00 20 Temporary Environmental Controls, Sec 1.5)?	**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				**X**	

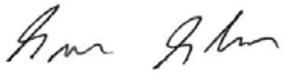
QC Manager: Spencer Slominski 	Date: 11/15/12

Shoreline Excavation and Revetment

Date: 11/15/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**				
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**				
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**				
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Has loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. shall be graded out of the surface before geotextile placement.	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**			**X**	
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**				
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**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					
Calibration				**X**	

QC Manager: Spencer Slominski 	Date: 11/15/12

Name: Rex Magadia

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

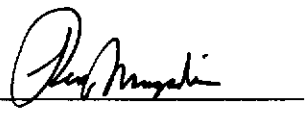
Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11/15/12	Date	11/15/12
Time	1850	Time	1900
DO (mg/L)	6.58	DO (mg/L)	6.30
pH	7.64	pH	7.78
Turbidity (NTU)	120	Turbidity (NTU)	57.9
Temperature (°C)	14.96	Temperature (°C)	14.81

YSI Meter 3-Pt. pH Calibration Table

1st pH	4.00
Reading	3.98
2nd pH	7.00
Reading	6.96
3rd pH	10.00
Reading	10.09

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	100 NTU standard read 96.8
After Calibration	100 NTU standard read 97.5

Signature: 

Date: 11/15/12

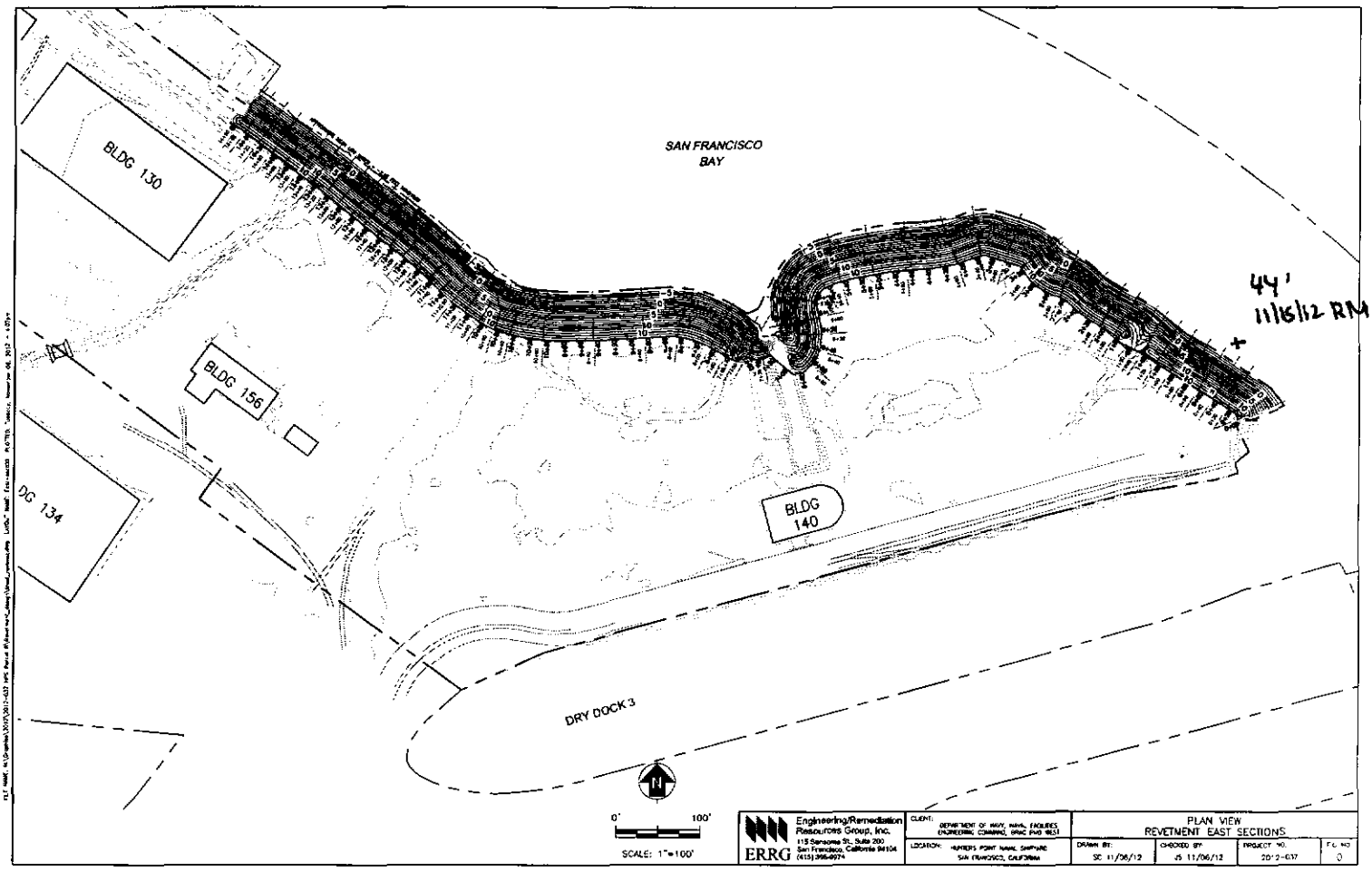

SAN FRANCISCO
BAY
BLDG 130
BLDG 156
DG 134
BLDG
140
DRY DOCK 3
44'
11/6/12 RM
N
0'
100'
SCALE: 1"=100'
Engineering/Remediation
Resources Group, Inc.
115 Sansome St, Suite 200
San Francisco, California 94104
(415) 398-8974
ERRG
CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFAC PWD WEST
LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA
PLAN VIEW
REVETMENT EAST SECTIONS
DRAWN BY: SC 11/06/12
CHECKED BY: JS 11/06/12
PROJECT NO: 2012-037
FIG. NO: 0

Photo 1: Mobilization – Project sign installed at entrance to Support Zone 1 at Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 15, 2012

Photo 2: Shoreline Excavation and Revetment – Hydrocarbon absorbent boom deployed on inside edge of silt curtain along entire length of shoreline

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: November 15, 2012

Photo 3: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 0+30 and 0+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 15, 2012

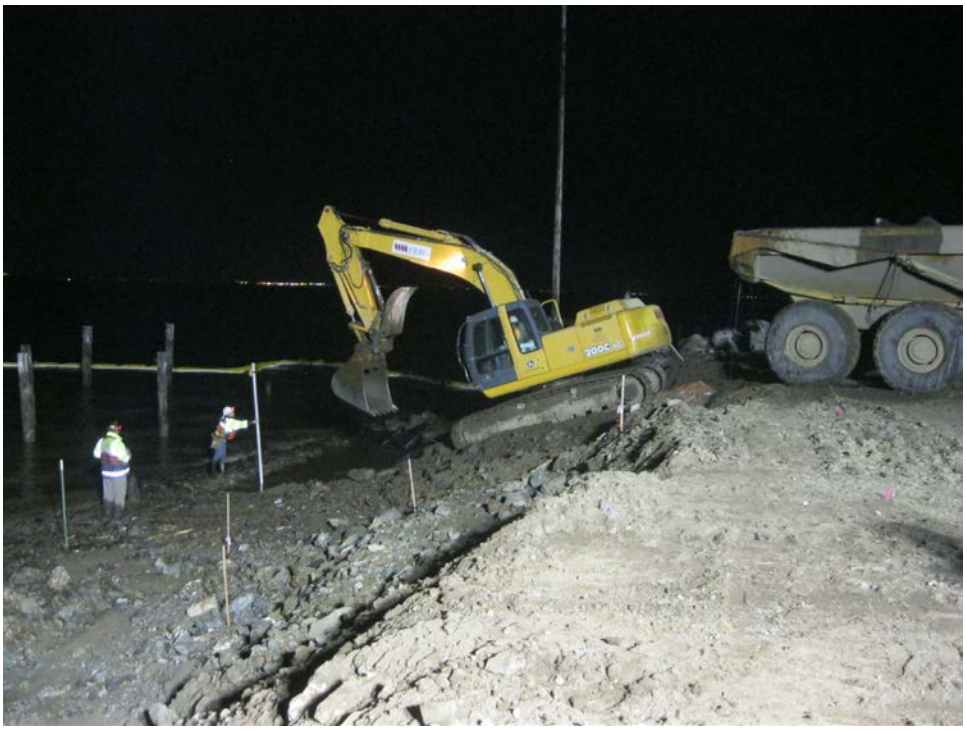


Photo 4: Shoreline Excavation and Revetment – Checking subgrade elevation at toe of the revetment excavation

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 15, 2012

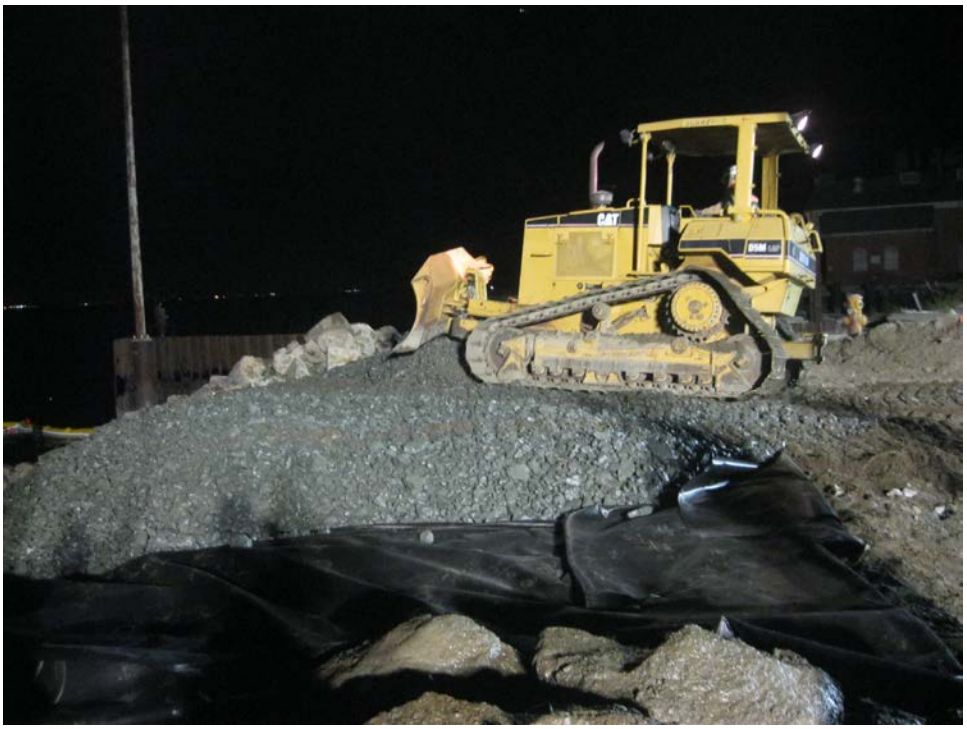


Photo 5: Shoreline Excavation and Revetment – Placement of filter rock on top of geotextile fabric using LGP dozer

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 15, 2012

Photo 6: Shoreline Excavation and Revetment – Geotextile and filter rock layer installed between stations 0+30 and 0+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: November 15, 2012

Photo 7: Shoreline Excavation and Revetment – Placement of riprap between stations 0+30 and 0+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 15, 2012

Photo 8: Shoreline Excavation and Revetment – Completed section of revetment between stations 0+30 and 0+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 15, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 16/11/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 &18), HPNS, SF	010

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Rain/Cool	Cloudy/Rain/Cool	55	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	16
	Set up light towers in the work area. QC staff and grade setter lay out the area	ERRG	1	Construction Manager	0
	to be cut tonight. Trucks importing rip rap and filter rock today. Crew working	ERRG	1	Project Manager	6
	on street cleaning, tire wash and dust control. Crews also working on BMP	ERRG	1	QC Manager	10
	installation/inspection around all stockpiles. 1700hrs Revetment crew on site	ERRG	1	H&S Officer	16
	to begin shift- Grade checker and QC staff lay out and stake the cut for tonight.	ERRG	3	QC Staff	30
	Excavate cut to specified grades, place fabric, place 4" filter rock to specified	ERRG	5	Equipment Operators	29
	thickness, place rip rap to specified thickness. Crew working on clearing the	ERRG	5	Laborers	41
	shoreline of surface debris for tomorrow nights cut.	ERRG	2	Truck Driver	11

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	1304.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1463.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☒ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
02		Cat 330 Excavator
02		Rip Rap 487.47 tons
02		4" Filter Rock 348.53 tons

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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	2
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores 11/16/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 16/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: Remedial Action Parcel B (Excluding IR 7 & 18)

REPORT NO: 010 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Rain/Cool	Cloudy/Rain/Cool	55	48

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
02	ERRG	JD 210E skiploader	2
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	4 light towers	24
02	ERRG	JD 200 Excavator	0

Schedule Activity No.	REMARKS

James Nores 11/16/12

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/16/12 **TIME** 0700/1700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK IMPORT MATERIAL, REVETMENT

SAFETY TOPICS PRESENTED WORKING NEAR WATER, WORKING IN RAIN

SAFETY TOPICS WET WEATHER, ST+F, TRUCKS + EQUIP SLIDING, INATTENTION, NIGHT WORK

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

ISSUED LPO CARDS: X **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	ERRG	[signature]
Toney Green	ERRG	[signature]
Kevin Bailey	ERRG	[signature]
Mike Babst	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
William Schmidt	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Spencer Slowinski	ERRG	[signature]
Mike Babst	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
GADALUPET	ERRG	GADALUPET
Chris Hay	ERRG	[signature]
Ren Magadia	ERRG	[signature]
[illegible]	ERRG	[signature]
Fernando Goze	ERRG	[signature]

Health & Safety Officer Richard Epp **SUPERINTENDENT** James Nores

SIGNATURE [signature] **SIGNATURE** [signature]

ERRG 2012-037

VISITORS LOG

NAME PRINTED	DATE	COMPANY	SIGNATURE
[illegible]	11/14/12	ERRG	
PETER LOURIDGE		PRRL	
ALAN MOELLER		ERRG	
EMILY JACKSON		ERRG	
CHRISTINE WONG		ERRG	
Claire Walker		ERRG	
PETER STROGANOFF	15 NOV 12	ROICC	
ROSS STEENSON	16 NOV 12	CA REGIONAL WATER BOARD	
DOUG DELONG	16 NOV 12	NAVY BRAC	

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 6 Import Material

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	11/16/12 0700
Site Safety and Health Officer:	RICHARD EPP	[signature]	11/16/12 0700
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	11/16/12 0700
Employee(s):	PAUL Rodriguez	[signature]	11/16/12 0700
	Toney Green	[signature]	11-16-12 0700
	King Bailey	[signature]	11-16-12 0700
	Mike Bulbert	[signature]	11-16-12 0700

ERRG

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 REVISTMENT

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NOBLES		11/16/12 1700
Site Safety and Health Officer:	RICHARD EPP		11/16/12 1700
Construction Quality Control Manager:	SPENCER SLOMINSKI		11/16/12 1700
Employee(s):	Mike Babst		11/16/12 1700
	Kris Barley		11-16-12 - 1700
	Rex Magadia		11/16/12 1700
	Toney Green		11-16-19 1700
	Spencer Johnson		11/16/12 1700
	Chris Hay		11/16/12 - 1700
	William Sammet		11/16/12 1700
	ENRIQUE MARTINEZ		11-16-12 - 1700
	GUADALUPE T	GUADALUPE T	11-16-12-1700
	Jim Aguirre		11-16-12-1700
	Boris R		11/16/12 1700
	Fernando Loza		11/16/12 1700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	11/16/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN, OVERCAST	Page:	1 of 1
Site Visitors:	(SEE ATTACHED VISITORS LOG)		

Description of Field Activities:

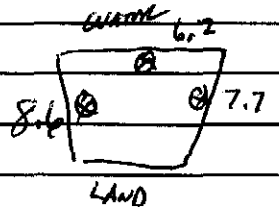
IMPORTED RIPRAP AND FILTER ROCK BY TRUCK.

TIRES WASHED DOWN AND ROAD SWEPT ON DEPARTURE ROUTE

CONTINUED WITH EXCAVATION, FABRIC, FILTER ROCK & RIPRAP FOR SHORELINE REVETMENT, ADDITIONAL 60' TO THE NORTHWEST.

ALL BMPS CHECKED AND FOUND IN GOOD CONDITION AND REMAINED IN PLACE THROUGH RAIN SHOWERS, HEAVY AT TIMES.

LIGHT MODA



EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, END LOADER, BACKHOE, WATER TRUCK, SWEEPER, 2 KUBOTAS

Signed: Richard Epp Date: 11/16/12

ERRG

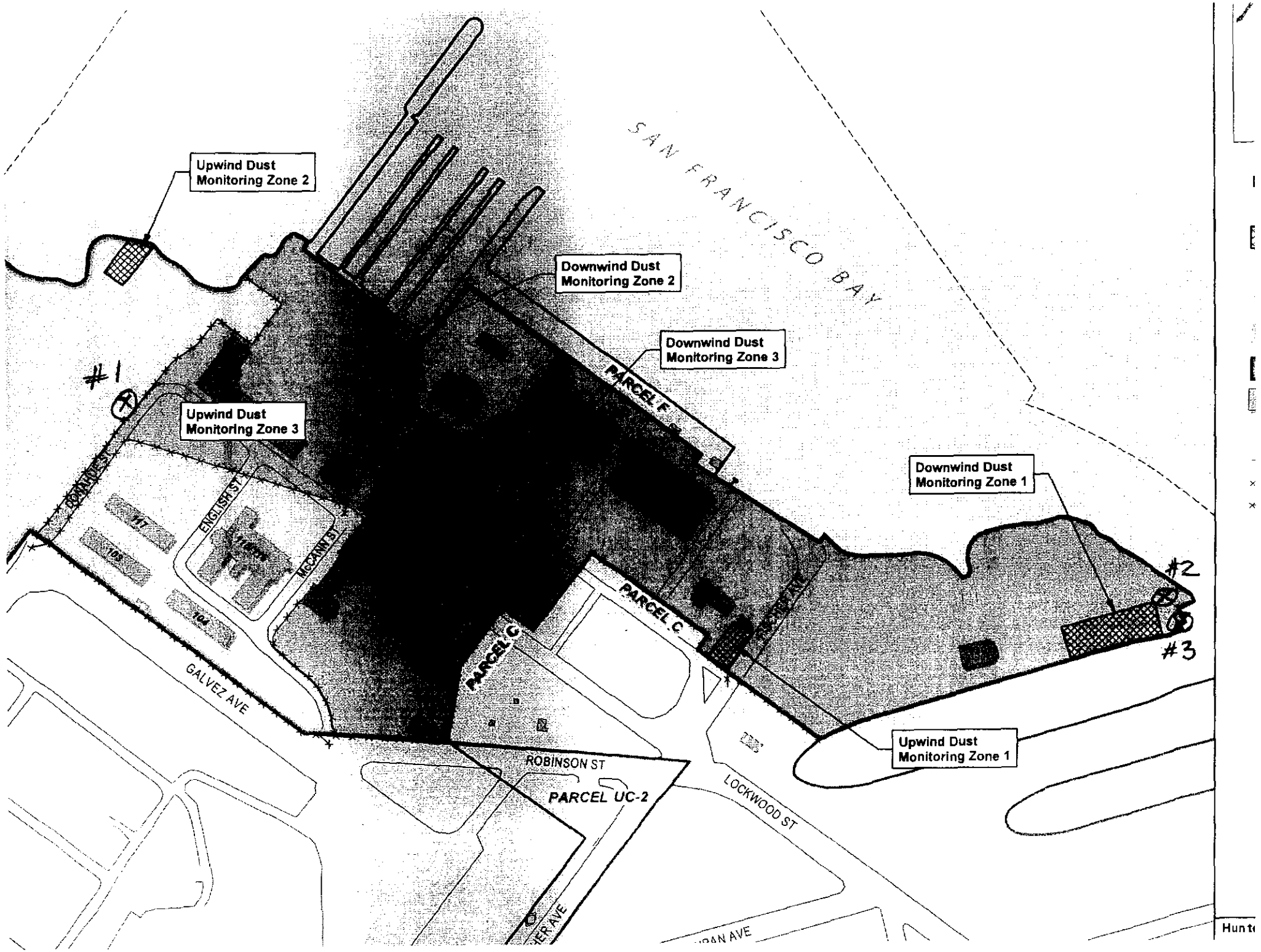
AIR MONITORING LOG SHEET

ERRG

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

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
#1 UPWIND ON DOMINO	11/16/12	0746	0.000	0.000	SMOKERS
MONITOR # 1161		0857	0.000	0.000	
		1018	0.006	0.000	
		1325	0.000	0.000	STOPPED HVY. RAIN
#2 WORK AREA					
MONITOR # 1008		0753	0.020	0.020	
		0911	0.027	0.029	
		1025	0.038	0.033	
		1330	0.002	0.080	STARTED - RAIN
#3 Dominoe Dry		0758	0.023	0.031	
Dock #3		0913	0.036	0.035	
#10973		1026	0.038	0.039	
		1332	0.014	0.035	STOPPED - RAIN



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
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
#1
#2
#3
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
117
103
104

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 16/11/12
REPORT NO 010

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 #
02	Shoreline Excavation and Revetment	

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	Imported riprap stone and filter rock (see Contractor Production Report for quantities).
	Excavated shoreline to design subgrade between stations 0+60 and 1+00; grade checker verified subgrade elevations.
	Installed geotextile fabric on completed subgrade and placed filter rock over geotextile to a minimum 6-inch thickness. Verified that
	filter rock was placed to a minimum thickness of 6 inches. Placed 3-foot layer of riprap over the filter rock between stations 0+60 and 0+90.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

11/16/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

INITIAL PHASE CHECKLIST

SPEC SECTION	DATE
31 05 22 / 35 31 19	16/11/2012

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #2 Shoreline Excavation and Revetment	02	

PERSONNEL PRESENT

GOVERNMENT REP NOTIFIED _____ HOURS IN ADVANCE: YES ☐ NO ■

NAME	POSITION	COMPANY/GOVERNMENT
James Nores	Superintendent	ERRG
King Bailey	Foreman	ERRG
Richard Epp	SSHO	ERRG
Spencer Slominski	QC Manager	ERRG
Spencer Johnson	QC Specialist	ERRG
Mike Babst	QC Specialist	ERRG

PROCEDURE COMPLIANCE

IDENTIFIY FULL COMPLIANCE WITH PROCEDURES IDENTIFIED AT PREPARATORY. COORDINATE PLANS, SPECIFICATIONS, AND SUBMITTALS.

COMMENTS: Procedures are in compliance. All submittals have been submitted to the ROICC and have been approved.

Reviewed procedure for building the revetment in segments to allow excavation, placement of geotextile and filter rock, and placement of riprap to be completed during a single low tide cycle. Reviewed procedure for setting grade stakes to guide placement of riprap stone to specified thickness.

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? East section (stations 0+00 to 14+50) and West section (stations 0+00 to 2+09) of shoreline 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) The initial 100-foot section of revetment that has been built will be used as the revetment demonstration section.

RESOLUTION

RESOLVE ANY DIFFERENCES.

COMMENTS: No differences were identified.

CHECK SAFETY

REVIEW JOB CONDITIONS USING EM 385-1-1 AND JOB HAZARD ANALYSIS

COMMENTS: Final APP has been submitted. EM 385-1-1 and site specific AHAs reviewed by SSHO.

OTHER

OTHER ITEMS OR REMARKS

Spencer Slominski — QC MANAGER

11/16/12 — DATE

Shoreline Excavation and Revetment

Date: 11/16/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

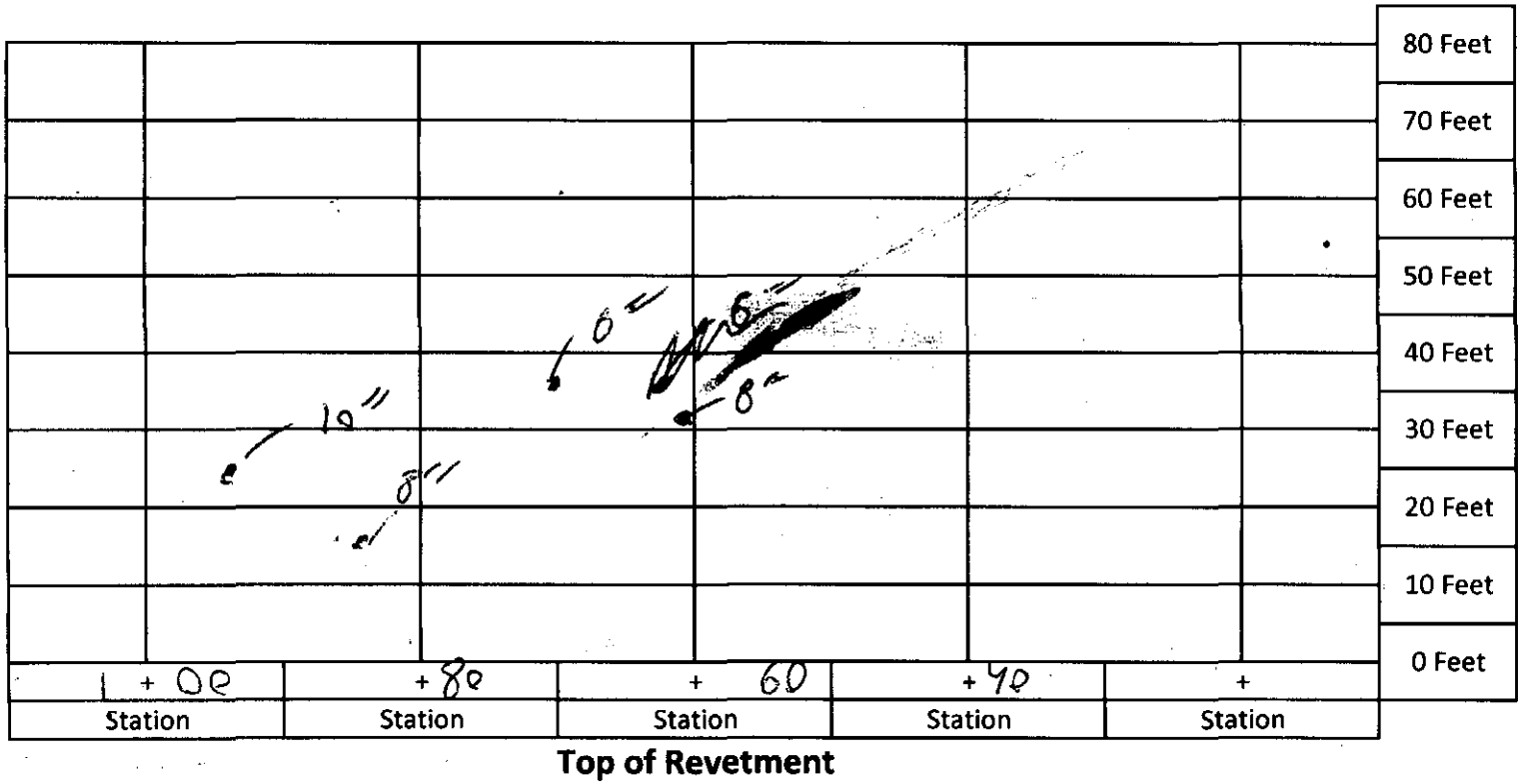
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**				
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			Grade checker verified revetment subgrade elevation; checked filter rock thickness
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/16/12

Filter Rock Thickness Check Locations

Date: 11/16/12
Checked By: SJS



Top of Revetment

Name: Rex Magadia

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11/16/12	Date	11/16/12
Time	2015	Time	2030
DO (mg/L)	6.19	DO (mg/L)	6.25
pH	7.74	pH	7.85
Turbidity (NTU)	140	Turbidity (NTU)	41.4
Temperature (°C)	14.89	Temperature (°C)	14.52

YSI Meter 3-Pt. pH Calibration Table

1st pH	4.00
Reading	4.04
2nd pH	7.00
Reading	6.97
3rd pH	10.00
Reading	10.04

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	800 NTU standard read 819
After Calibration	800 NTU standard read 792

Signature: Rex Magadia

Date: 11/16/12

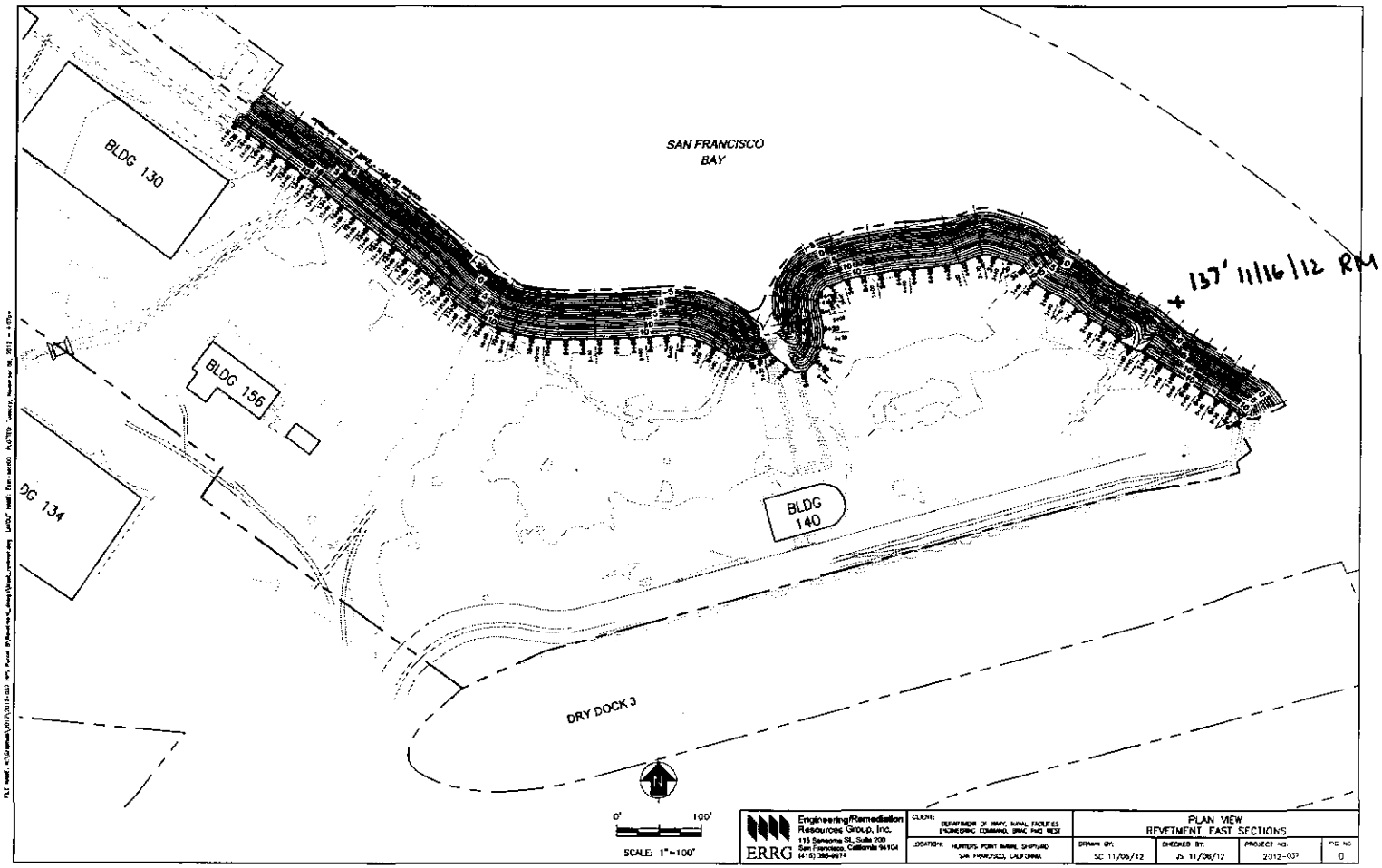

SAN FRANCISCO
BAY
BLDG 130
BLDG 156
BLDG 134
BLDG
140
DRY DOCK 3
137' 11/16/12 RM
0'
100'
SCALE: 1"=100'
Engineering/Remediation
Resources Group, Inc.
115 Sansome St, Suite 200
San Francisco, California 94104
(415) 399-8674
ERRG
CLIENT:
DEPARTMENT OF NAVY, NAVAL FACILITIES
ENGINEERING COMMAND, BRAC PMO WEST
LOCATION:
HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA
PLAN VIEW
REVETMENT EAST SECTIONS
DRAWN BY:
SC 11/06/12
CHECKED BY:
JS 11/06/12
PROJECT NO.
2312-037
FIG. NO.
0

Photo 1: Shoreline Excavation and Revetment – Straw wattle installed around perimeter of concrete debris stockpile in Support Zone 2

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: November 16, 2012

Photo 2: Shoreline Excavation and Revetment – Delivery of riprap stone imported by truck

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: November 16, 2012

Photo 3: Shoreline Excavation and Revetment – Revetment subgrade excavation completed between stations 0+60 and 1+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 16, 2012

Photo 4: Shoreline Excavation and Revetment – Installation of geotextile fabric on subgrade between stations 0+60 and 1+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 16, 2012

Photo 5: Shoreline Excavation and Revetment – Layer of filter rock placed on top of geotextile fabric; grade stakes set to guide placement of riprap to 3-foot thickness
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 16, 2012

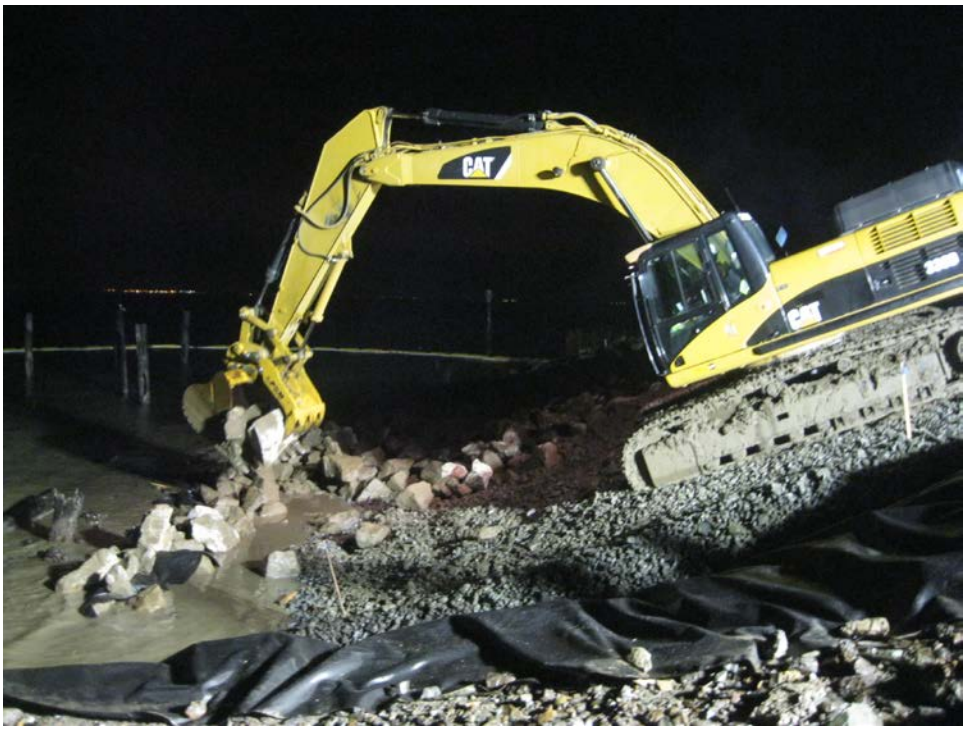


Photo 6: Shoreline Excavation and Revetment – Placement of riprap in section of revetment between stations 0+60 and 0+90
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: November 16, 2012

Photo 7: Shoreline Excavation and Revetment – Riprap installed on section of revetment between stations 0+00 and 0+90, from toe of revetment to hinge point at top of revetment slope

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 16, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 17/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 &18), HPNS, SF

REPORT NO: 011

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Rain/Cool	Cloudy/Rain/Cool	55	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety briefing with craft labor and review AHA for revetment.	ERRG	1	Superintendent	10
	Set up light towers in the work area. QC staff and grade setter lay out the area	ERRG	1	Construction Manager	0
	to be cut tonight. Begin making cut, stockpile material in the active stockpile	ERRG	1	Project Manager	0
	adjacent to the work area. Cut slope to specified grade, install filter fabric with	ERRG	1	QC Manager	10
	specified overlaps, install filter rock to specified thickness and place rip rap to	ERRG	1	H&S Officer	8
	specified thickness. Crew continue clearing surface debris from shoreline,	ERRG	3	QC Staff	26
	segregating into stockpiles by type: wood, asphalt/concrete and metal. QC staff	ERRG	3	Equipment Operators	24
	and grade setters stake out the swale outfall for tomorrow night's cut.	ERRG	6	Laborers	39
		ERRG	4	Truck Driver	15

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	132
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1463.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1595.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☒ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment	

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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores 11/17/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 17/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 011 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Rain/Cool	Cloudy/Rain/Cool	55	48

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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	4 light towers	32
02	ERRG	JD 200 Excavator	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/17/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/17/12 **TIME** 1800 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS RAIN, MUD, STAF, EQUIPMENT, TRUCKS, LIGHTING

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

ISSUED LPO CARDS: X **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	
ENRIQUE MARTINEZ	ERRG	
Guadalupe Trujillo	ERRG	Guadalupe T
Chris Hay	ERRG	
Brian Kerr	ERRG	
Jim Aguirre	ERRG	
Rex Hagedis	ERRG	
William Schmidt	ERRG	
Fernando Lora	ERRG	
Jimmy Green	ERRG	
Mike Babbit	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 ROVOTMONT

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		11/17/12 1800
Site Safety and Health Officer:	RICHARD EPP		11/17/12 1800
Construction Quality Control Manager:	SPENCER SLOMINSKI		11/17/12 1800
Employee(s):	ENRIQUE MARTINEZ		11-17-12 - 1800
	Guadalupe T		11-17-12-1800
	Chris Hay		11-17-12-1800
	Jim Aguilar		11-17-12-1800
	Brian Kerr		11-17-12 1800
	Boris [illegible]		11/17/12 1800
	Paul Rodriguez		11/17/12 1800
	Rex Mundis		11/17/12 1800
	William Schmidt		11/17/12 1800
	Fernando Loza		11/17/12 1800
	Tommy Green		11-17-12 1800
	Kirby Bailey		11-17-12 1800
	Mike Babst		11-17-12 1800
	Spencer Johnson		11/17/12 1800

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	SATURDAY	Date:	11/17/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN, WIND	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

REVETMENT - EXCAVATION, FABRIC, FILTER ROCK, RIPRAP

CLEANING SHORELINE OF DEBRIS

CHECKED BMPs - GOOD CONDITION

LIGHT RAINING AT TOE OF EXCAVATION CENTER 8.1 Fc

EQUIPMENT: EXCAVATOR, FRONT END LOADER, BACKHOE, [redacted]=ROAD DUMP TRUCK, BULLDOZER, [redacted], WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 11/17/12

ERRG

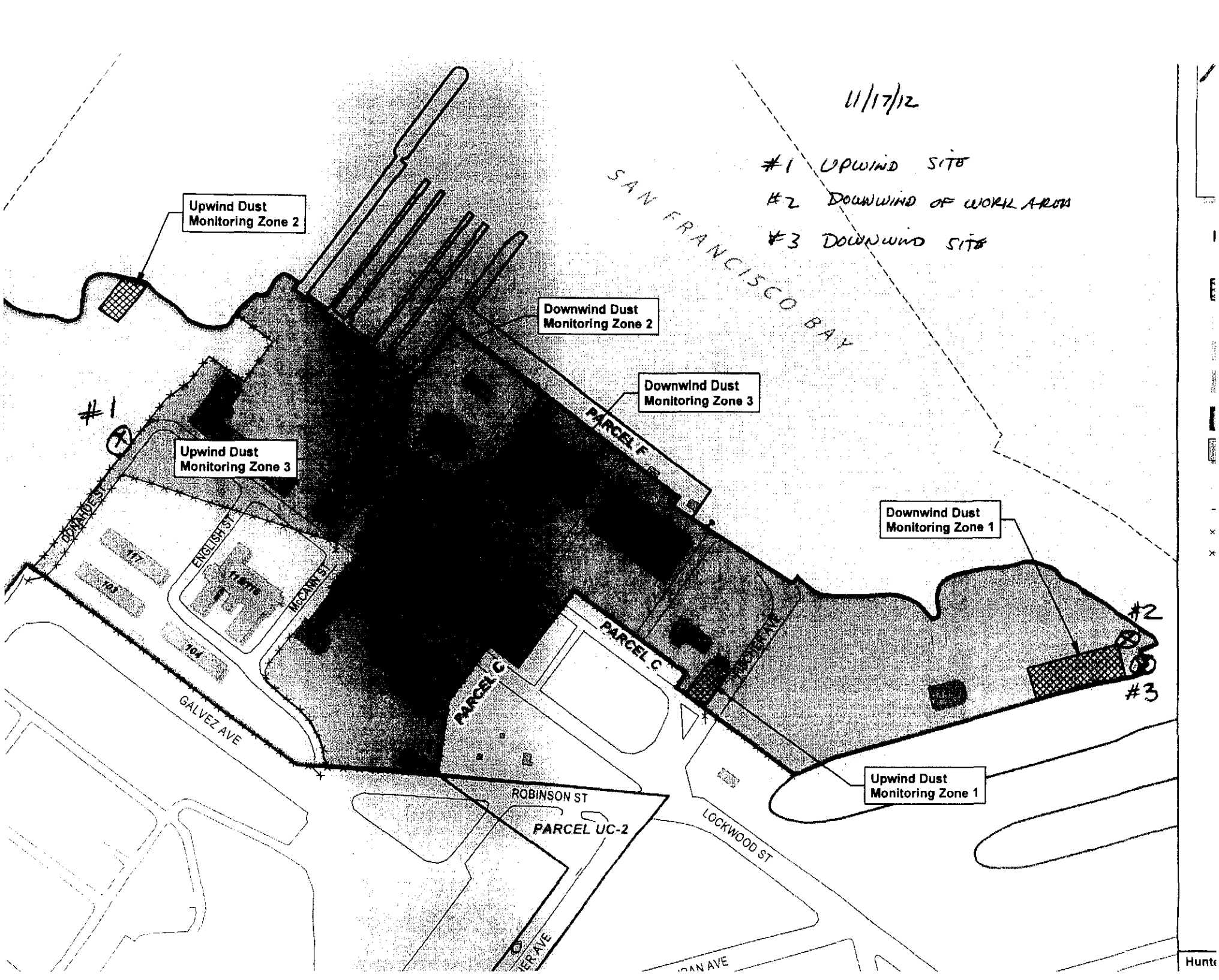
AIR MONITORING LOG SHEET

ERRG

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

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
#1 Downwind Upwind	11/17/12	1833	0.000	0.000	
Motion #1161		1950	0.000	0.000	Pulled - Rain
#2 Work Area		1840	0.004	0.004	
Motion # 1008		1945	0.007	0.010	Pulled - Rain
#3 Dry Dock #3		1841	0.020	0.024	
Downwind		1946	0.004	0.009	Pulled - Rain
Motion # 10973					


11/17/12
#1 UPWIND SITE
#2 DOWNWIND OF WORK AREAS
#3 DOWNWIND SITE
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
SAN FRANCISCO BAY
#1
#2
#3
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DAVIS ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
117
105
104

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 17/11/12
REPORT NO 011

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
02	Excavated shoreline to design subgrade between stations 1+00 and 1+40; grade checker verified subgrade elevations.
	Installed geotextile fabric on completed subgrade and placed filter rock over geotextile to a minimum 6-inch thickness. Verified that
	filter rock thickness is within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 0+90 and 1+30.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

11/17/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 11/17/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

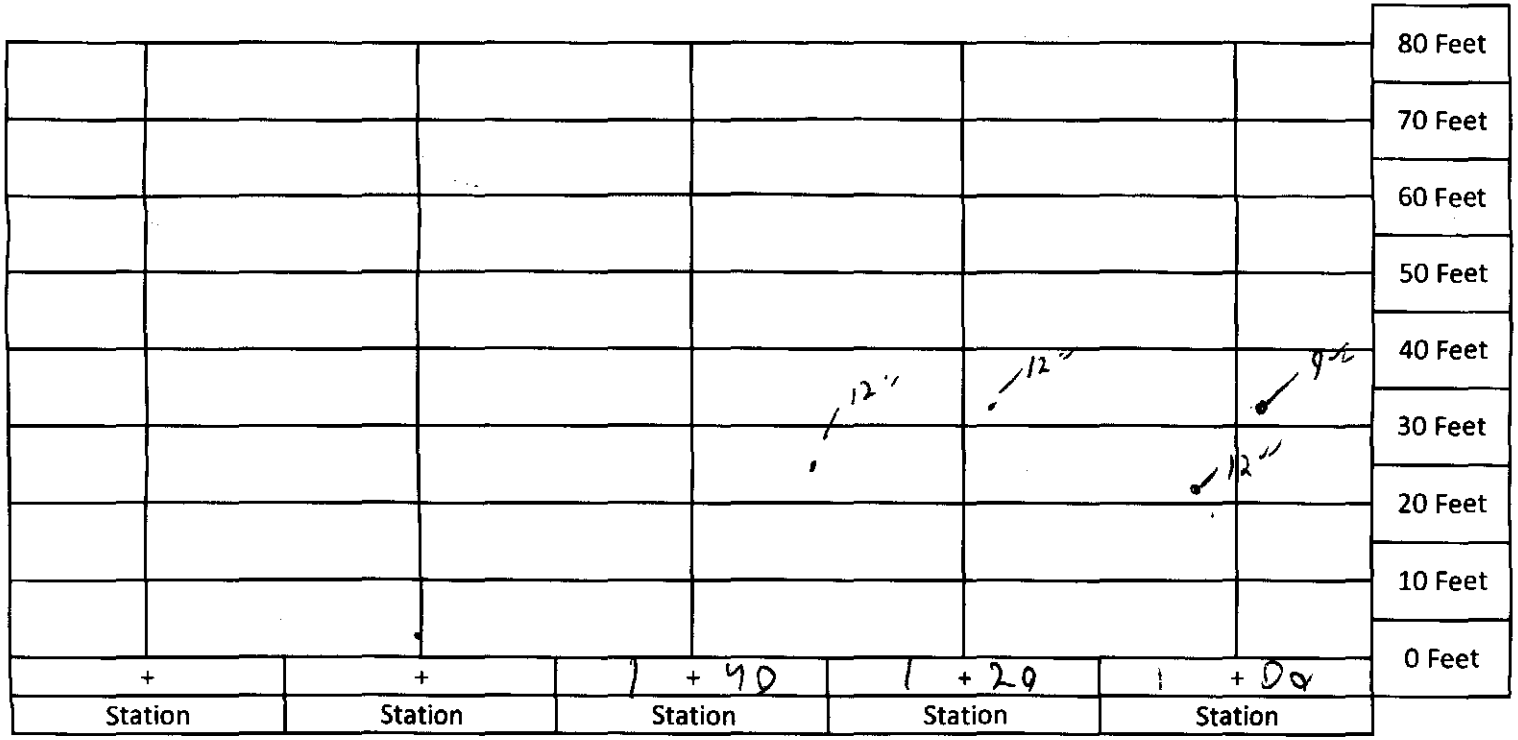
Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			Grade checker verified revetment subgrade elevation; checked filter rock thickness
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/17/12

Filter Rock Thickness Check Locations

Date: 11/~~16~~ 17/12

Checked By: SJS



Top of Revetment

Name: Rex Magadia

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11/17/12	Date	11/17/12
Time	2145	Time	2210
DO (mg/L)	6.47	DO (mg/L)	6.02
pH	7.75	pH	8.10
Turbidity (NTU)	110	Turbidity (NTU)	66
Temperature (°C)	15.04	Temperature (°C)	14.65

YSI Meter 3-Pt. pH Calibration Table

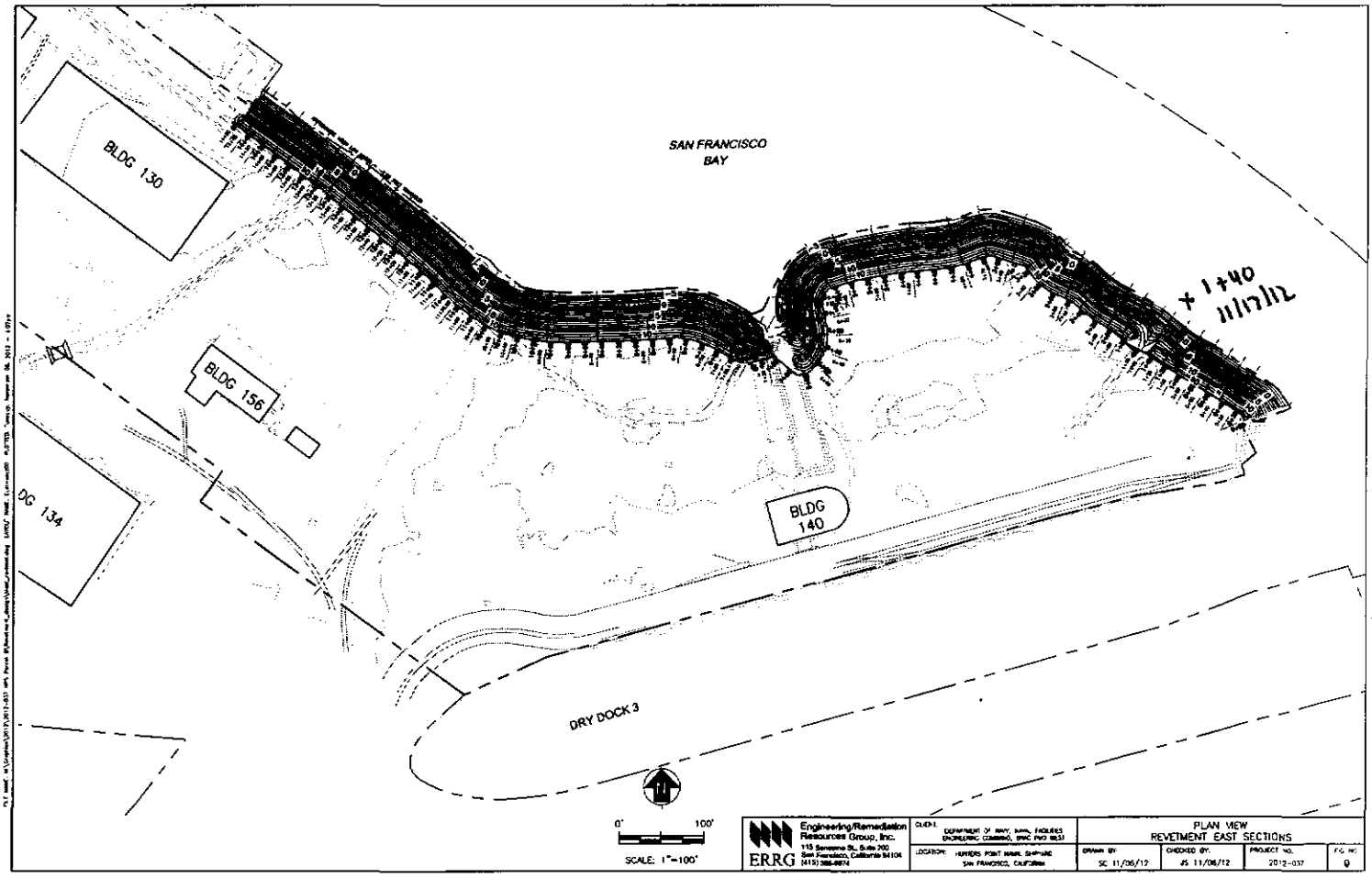
1st pH	4.00
Reading	4.06
2nd pH	7.00
Reading	6.90
3rd pH	10.00
Reading	10.06

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	100 NTU standard read 96.6
After Calibration	100 NTU standard read 97.8

Signature: Rex Magadia

Date: 11/17/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 700
San Francisco, California 94104
(415) 399-8874
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFA WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG. NO.
SC 11/06/12	JS 11/06/12	2012-037	9

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 1+00 and 1+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 17, 2012

Photo 2: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 1+00 and 1+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 17, 2012

Photo 3: Shoreline Excavation and Revetment – Checking the thickness of the filter rock layer

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 17, 2012

Photo 4: Shoreline Excavation and Revetment – Placement of riprap in section of revetment between stations 0+90 and 1+30

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 17, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 18/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 &18), HPNS, SF

REPORT NO: 012

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cool	Cloudy/Cool	55	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	10
	Set up light towers in the work area. QC staff and grade setter lay out the area	ERRG	1	Construction Manager	0
	to be cut tonight. Begin making cut, stockpile material in the active stockpile	ERRG	1	Project Manager	0
	adjacent to the work area. Cut slope to specified grade, install filter fabric with	ERRG	1	QC Manager	10
	specified overlaps, install filter rock to specified thickness and place rip rap to	ERRG	1	H&S Officer	8
	specified thickness. Crew continue clearing surface debris from shoreline,	ERRG	3	QC Staff	24
	segregating into stockpiles by type: wood,asphalt/concrete and metal.	ERRG	3	Equipment Operators	21
		ERRG	5	Laborers	21
		ERRG	3	Truck Driver	11

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	105
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1595.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1700.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☒ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment	

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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Cat 330 Excavator	7
02	ERRG	JD 644 Loader	5
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	4
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores — 11/18/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 18/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 012 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	48

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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	7
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	0
02	United Rentals	4 light towers	32
02	ERRG	JD 200 Excavator	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/18/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/18/12 **TIME** 1900 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS KNIGHT WORK, WORK WINTER, EQUIPMENT, TRUCK, MUD

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

ISSUED LPO CARDS: X **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 LOZA	ERRG	
Chris Hay	ERRG	
Brian Kerr	ERRG	
Spencer Johnson	ERRG	
King Bailey	ERRG	
Boris Tortillo	ERRG	
Jim Aguilar	ERRG	
Guadalupe T	ERRG	
[illegible]	ERRG	
[illegible]	EPRG	
Mike Baker	ERRG	
Rex Morgedia	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 ROUGHOUT

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		11/18/12 1900
Site Safety and Health Officer:	RICHARD EPP		11/18/12 1900
Construction Quality Control Manager:	SPENCER SLOMINSKI		11/18/12 1900
Employee(s):	FERNANDO LOZA		11/18/12 1900
	Brian Kerr		11/18/12 1900
	Chris Hay		11/18/12 1900
	Spencer Johnson		11/18/12 1900
	King Bailey		11-18-12 1900
	Boris Padilla		11/18/12 1900
	Jim Aquino		11/18/12 1900
	Guadalupe T	Guadalupe T	11/18/12 1900
	ENRIQUE MARTINEZ		11-18-12 1900
	Mike Babcock		11-18-12 1900
	Rex Mayden		11-18-12 1900

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	SUNDAY	Date:	11/18/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY, SOME DRIZZLE	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

CONTINUED WITH EXCAVATION, FABRIC, FILTER ROCK AND RIPRAP SHORELINE REVETMENT.

LIGHT READINGS 7.2 AND 6.0 FC AT TOE ENDS OF EXCAVATION.

CONTINUED TO CLEAN SHORELINE OF DEBRIS

SOUND READING TAKEN OUTSIDE WORK AREA, NO EQUIPMENT ON BACK-UP ALARM NOISE.

EQUIPMENT: EXCAVATOR, 2ND LOADER, OFF-ROAD DUMP TRUCK, BACKHOE, BULLDOZER, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 11/18/12

ERRG

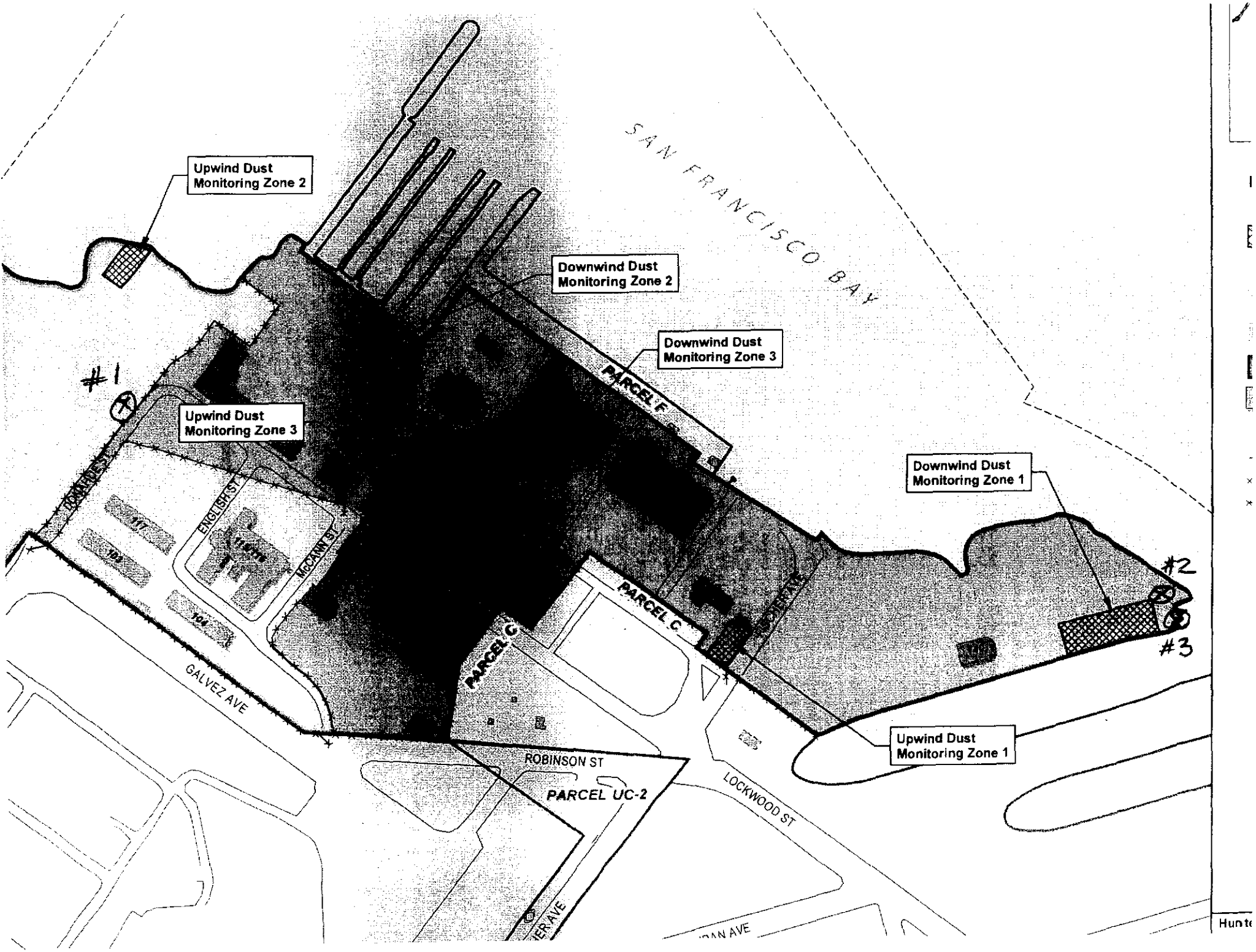
AIR MONITORING LOG SHEET

ERRG

Prepared by: R. EPP
Project Name: DARCO B
Site Location: HOUSE
Calibration (Date and Time): VARIOUS

Client: 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 on DONAHUE ST.	11/18/12	1927	0.000	0.000	
MOTOR # 1161		2030	0.000	0.000	
		2150	0.000	0.000	
		0122	0.000	0.000	
		0145	0.000	0.000	
WORK AREA DOWNWIND		0935	0.000	0.000	
NEAR SHORE & DD#3		2035	0.009	0.001	
MOTOR # 1008		2144	0.003	0.002	
		2330	0.004	0.003	
		0115	0.008	0.002	
		0140	0.002	0.002	
DOWNWIND @ DRY DOCK 3		1936	0.002	0.002	
MOTOR # 16973		2036	0.001	0.003	
		2145	0.002	0.002	
		2331	0.002	0.002	
		0116	0.000	0.002	
	↓	0141	0.004	0.002	



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
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
#1
#2
#3
DOKAHOE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
117
103
104

Multi-Meter + Sound Meter

LOG SHEET

ERRG

Prepared by: R. EDA
Project Name: HPNS
Site Location: Dancer B
Calibration (Date and Time): —

Client: NAVY
Project No.: 2012-037
Page: 1 of 1
Standard Used: EXOTECH #407232

Location	Date	Time	Instrument SLM	Instrument QRae	Comments
(1) Const. Gate North B-116	11/18/12	2200	33.1		NO BACKUP NOISE
Guard Shack			34.2		" " "
Gomez & Donahue			38.5		" " "
Innes + Donahue Bus Stop			41.5		TRAFFIC " "
Innes + Coral		2210	40.1		" " "
NO EQUIPMENT OR BACK-UP ALARM NOISE AT ANY STATION					

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 EXCAVATOR	Model No.: 330D L	Serial No.: CAT0330DLMWP02180

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:** 11/16/12

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 18/11/12
REPORT NO 012

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
02	Excavated shoreline to design subgrade between stations 1+40 and 1+70; grade checker verified subgrade elevations.
	Installed geotextile fabric on completed subgrade and placed filter rock over geotextile to a minimum 6-inch thickness. Verified that
	filter rock thickness is within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 1+40 and 1+70.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

11/18/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 11/18/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

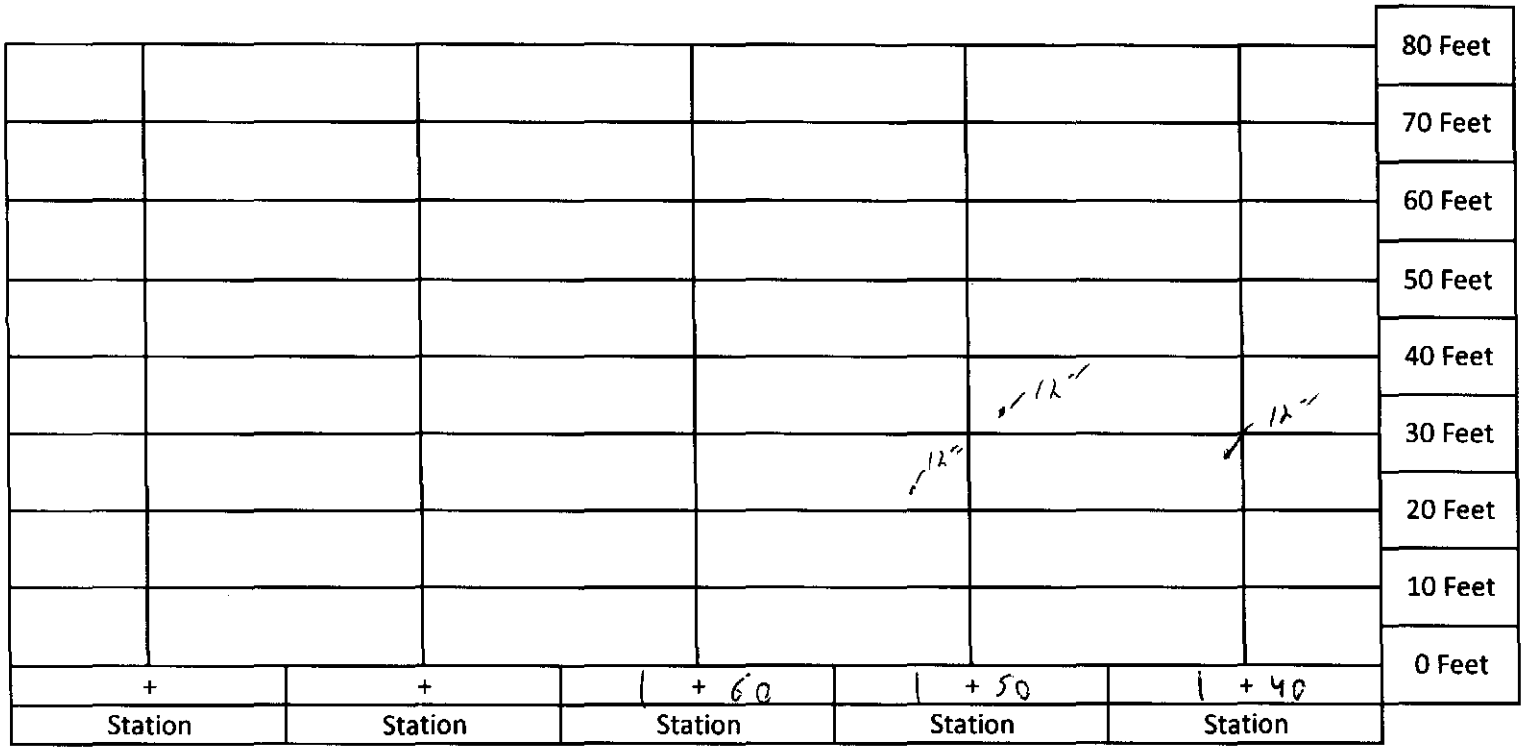
Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			Grade checker verified revetment subgrade elevation; checked filter rock thickness
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/18/12

Filter Rock Thickness Check Locations

Date: 11/18/12

Checked By: CH



Top of Revetment

Name: Rex Magadia

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11\18\12	Date	11\18\12
Time	2250	Time	2310
DO (mg/L)	6.46	DO (mg/L)	5.90
pH	7.50	pH	8.02
Turbidity (NTU)	147	Turbidity (NTU)	20.0
Temperature (°C)	14.83	Temperature (°C)	14.43

YSI Meter 3-Pt. pH Calibration Table

1st pH	4.00
Reading	4.26
2nd pH	7.00
Reading	6.85
3rd pH	10.00
Reading	10.10

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	800 NTU standard read 791
After Calibration	800 NTU standard read 782

Signature: Rex Magadia

Date: 11\18\12

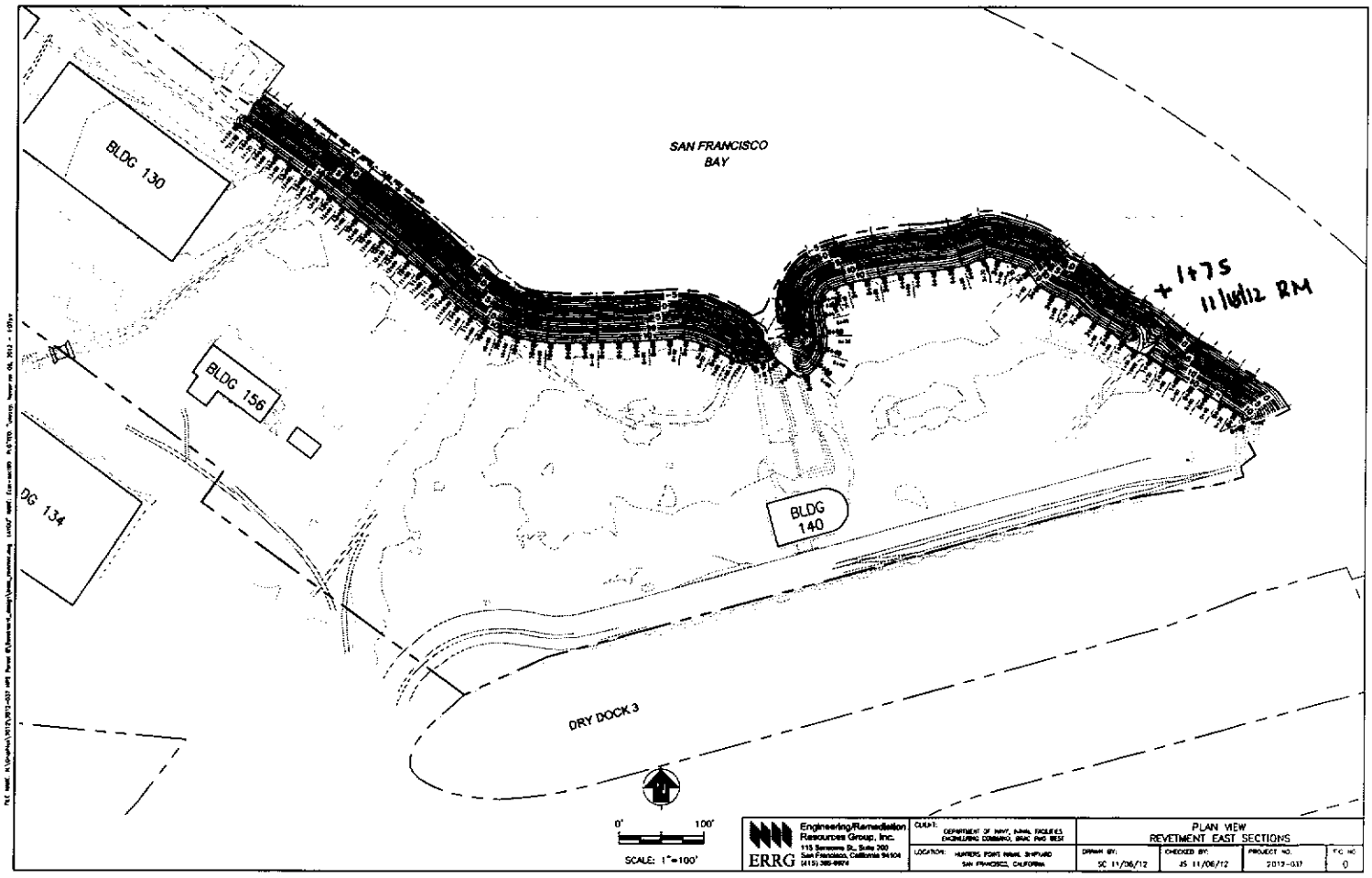

SAN FRANCISCO
BAY
BLDG 130
BLDG 156
DG 134
BLDG
140
DRY DOCK 3
+1475
11/6/12 RM
0'
100'
SCALE: 1"=100'
Engineering/Remediation
Resources Group, Inc.
115 Sansome St., Suite 200
San Francisco, California 94104
(415) 399-9974
ERRG
CLIENT:
DEPARTMENT OF NAVY, NAVAL FACILITIES
ENGINEERING COMMAND, BRAC PMO WEST
LOCATION:
HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA
PLAN VIEW
REVETMENT EAST SECTIONS
DRAWN BY:
SC 11/06/12
CHECKED BY:
JS 11/06/12
PROJECT NO.
2012-037
FIG. NO.
0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 1+40 and 1+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 18, 2012

Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 1+40 and 1+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 18, 2012

Photo 3: Shoreline Excavation and Revetment – Checking the elevation of the revetment subgrade

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 18, 2012

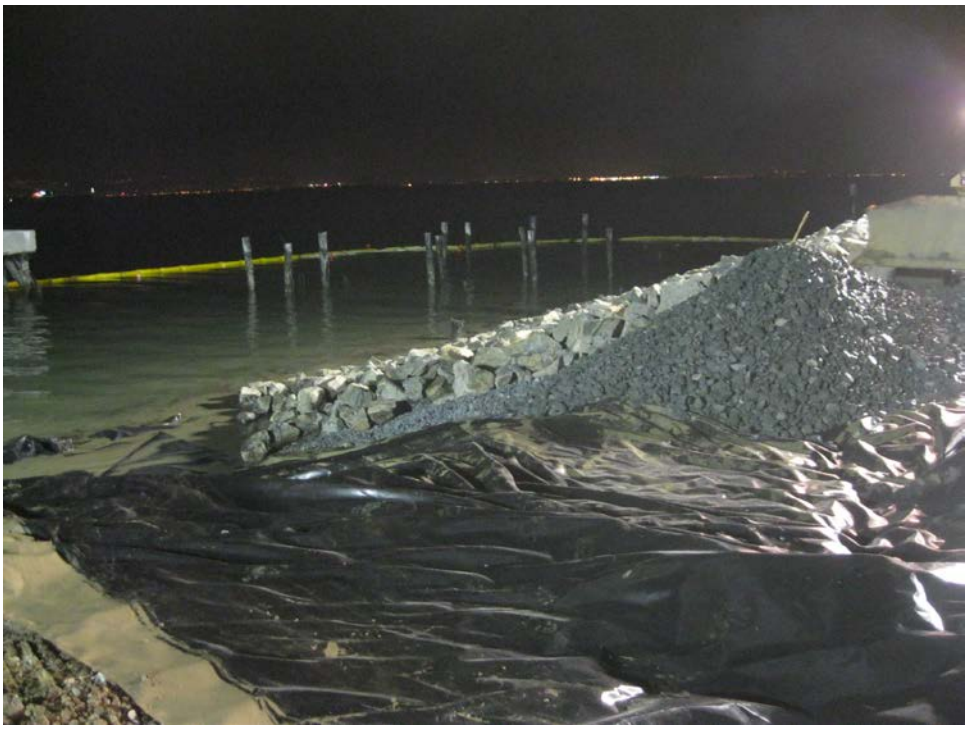


Photo 4: Shoreline Excavation and Revetment – Placement of filer rock over geotextile fabric between stations 1+40 and 1+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 18, 2012

Photo 5: Shoreline Excavation and Revetment – Completed layer of geotextile and filter rock installed between stations 1+40 and 1+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 18, 2012

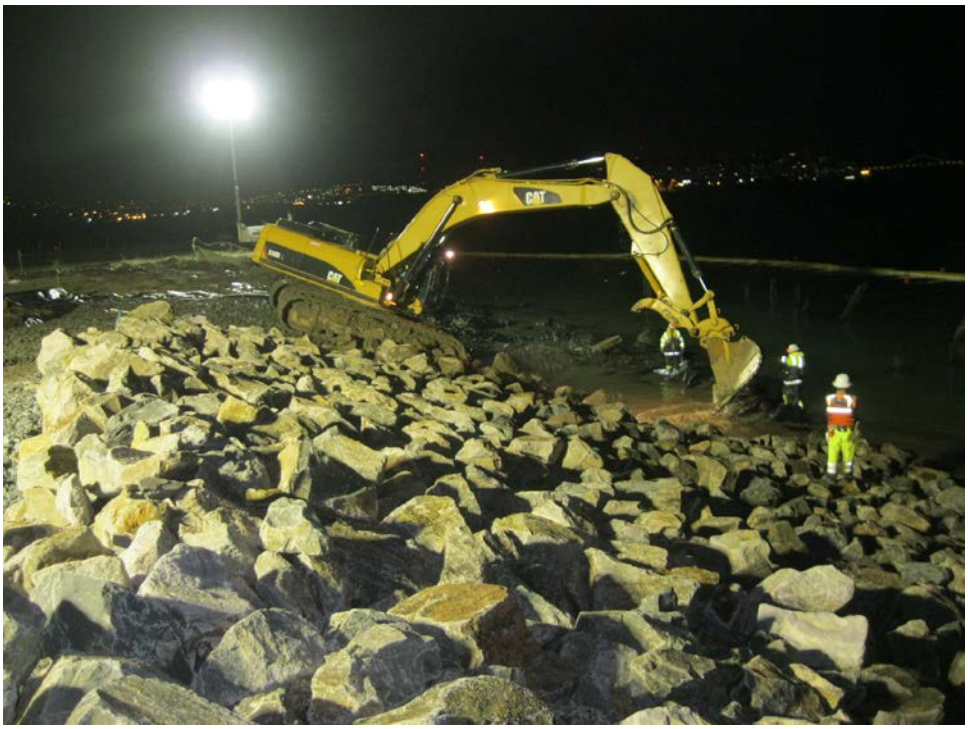


Photo 6: Shoreline Excavation and Revetment – Placement of riprap between stations 1+40 and 1+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 18, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 19/11/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 &18), HPNS, SF	013

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Ptly Cloudy/Cool	Cloudy/Cool	55	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	14
	Trucks looping with rip rap and filter rock today. ERRG crews working on dust	ERRG	1	Construction Manager	0
	control, tire wash and street sweeping. Set up for night shift, set up light towers	ERRG	1	Project Manager	5
	QC staff and grade setter stake out tonight's cut. Excavate slope to specified	ERRG	1	QC Manager	8
	grades. Place filter fabric, place filter rock to specified thickness, cap with rip	ERRG	1	H&S Officer	17
	rap to specified thickness. Continue clearing shoreline debris for next tide cycle	ERRG	3	QC Staff	33
	cuts. Weekly QC meeting with ROICC and ERRG QC and management staff.	ERRG	4	Equipment Operators	29.5
	Site walk with ROICC following meeting to observe revetment construction.	ERRG	4	Laborers	47.5
		ERRG	1	Truck Driver	8
		ESP	2	Surveyors	16

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	178
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1700.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	1878.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
02		Rip Rap 816.12 tons
02		4" Filter Rock 650.88 tons
02		John Deere 644J 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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Cat 330 Excavator	8
02	Hertz	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	5.5
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores 11/19/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	19/11/12		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	013 cont.		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Ptly Cloudy/Cool	PM WEATHER	Cloudy/Cool
MAX TEMP (F)	55	MIN TEMP (F)	48

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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	0
02	United Rentals	4 light towers	32
02	ERRG	JD 200 Excavator	0

Schedule Activity No.	REMARKS

James Nores 11/19/12

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/19/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK IMPORT FILTER ROCK & RIP RAP, STREET + TIRE CLEANING, REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS ROLLING ROCKS, SIF, DARK, NEAR WATER, MUD

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

ISSUED LPO CARDS: X **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	[signature]
Enrique Martine	ERRG	[signature]
Gadalupe T	ERRG	Gadalupe T
Mike Babst	ERRG	[signature]
Juan Lovato	ESP	[signature]
Eric Jones	ESP	[signature]
King Bailey	ERRG	[signature]
Chris Hay	ERRG	[signature]
Spencer Slomingh	ERRG	[signature]
John Sonrial	ERRG	[signature]
William Schmidl	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Barry Pom	[illegible]	[signature]
Jim Aguiar	ERRG	[signature]
Rex Magadia	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

AHA #: 6 Inject Mat'l

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nobles		11/19/12 0700
Site Safety and Health Officer:	Richard Epp		11/19/12 0700
Construction Quality Control Manager:	Spencer Slominski		
Employee(s):	Brian Kerr		11/19/12 0700
	Enrique Martinez		11-19-12 0700
	Guadalupe T	Guadalupe T	11-19-12 0700
	Mike Babst		11-19-12 0700
	Kenny Barlow		11-19-12 0700

ERRG

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 Revotment

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		11/19/12 1900
Site Safety and Health Officer:	RICHARD EPP		11/19/12 1900
Construction Quality Control Manager:	SPENCER SLOMINSKI		11/19/12 1900
Employee(s):	Chris Hay		11/19/12 1900
	JOHN SOUPLAS		11/19/12 1900
	Mike Babst		11/19/12 1900
	Brian Kerr		11/19/12 1900
	Craig Bailey		11-19-12 1900
	William Schmidt		11/19/12 1900
	Spencer Johnson		11/19/12 1900
	Fernando Loza		11/19/12 1900
	Boris Portillo		11/19/12 1900
	Jim Aguirre		11/19/12 1900
	Rex Magadia		11/19/12 1900

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	11/19/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WINDY	Page:	1 of 1
Site Visitors:	PETER STROGANOFF, ROICC		

Description of Field Activities:

IMPORTED FILTER ROCK AND RIPRAP.

CONTINUED SHOTCRETE REVETMENT.

SURVEYORS ON SITE.

TIRE WASH AT DONAHUE RUMBLE STRIP, STREET SWEEPING DONAHUE + GRIFFITH.

LIGHT MOTOR READING AT TOE OF EXCAVATION 6.9 FC

EQUIPMENT: EXCAVATOR, FWD LOADER, 7 HAUL TRUCKS, OFF-ROAD DUMP TRUCK, SWEEPER, 2 KUBOTAS.

Signed: [signature] Date: 11/19/12

ERRG

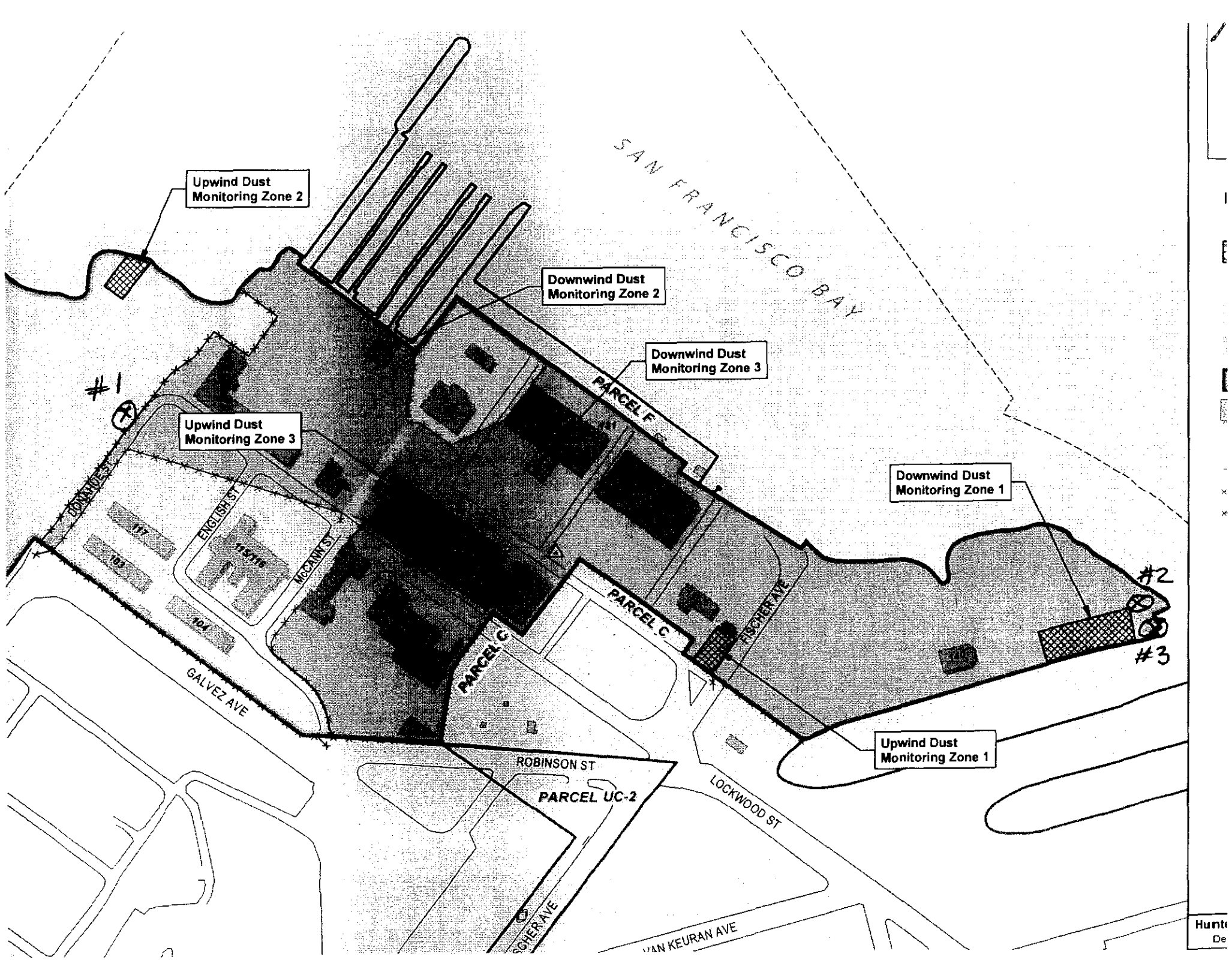
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 1/APR/LOT

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 on Donahue St.	11/19/12	0743	0.000	0.000	~~IMPORTING ROCK~~
Motor #1161		0957	0.000	0.000	
		1129	0.000	0.000	
		1327	0.000	0.000	
		1559	0.000	0.000	
		2131	0.000	0.000	CHANGED BATTERY
		0040	0.000	0.000	
WORK AREA Downwind	11/19/12	0747	0.000	0.000	IMPORTING ROCK
Motor #1008		0923	0.007	0.004	
		1108	0.007	0.007	
		1318	0.009	0.008	
		1430	0.008	0.008	
		1554	0.019	0.008	
		1644	0.007	0.008	IMPORTING ROCK
		1944	0.002	0.002	CHANGE BATTERY
		2231	0.000	0.000	REVOTMENT
		0100	0.000	0.000	
Downwind Shore @	11/19/12	0748	0.002	0.002	IMPORTING ROCK
Dry Dock #3		0924	0.061	0.002	
Motor #10973		1108	0.010	0.001	
		1319	0.003	0.001	
		1431	0.009	0.001	
		1556	0.002	0.001	
		1645	0.004	0.002	IMPORTING ROCK
		1942	0.006	0.006	CHANGED BATTERY
		2232	0.002	0.002	REVOTMENT
		0101	0.001	0.001	


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
#1
#2
#3
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
LOWRY RD
ENGLISH ST
McCANN ST
FISCHER AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
117
103
115/119
104

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 Loader	Model No.: 644J	Serial No.: 1DW644KZCCE642598

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:

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:** 11/19/12

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 CAT HAUL TRUCK **Identification Number:** M15397

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

Inspected By / Date:	FL 11-12-12			FL 11-13-12			FL 11-14-12			FL 11-15-12			FL			**Defect(s):**
Daily Hours:	2939.2			2946.2			2953.1			2960.7			2967.9 11-16-12			
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: SMALL TIRE DAMAGE / RIGHT TAIL LIGHT OUT 11/15/12
NEEDS NEW WINDSHIELD WIPER BLADE

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT D6 **Identification Number:** _____

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

Inspected By / Date:	11-13-12 JC	11-14-12 JC	11-15-12 JC	11-16-12 JC	11-17-12 JC	
Daily Hours:	5476.9	5478.2	5479.5	5480.0	5481.0	
	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 VERY WORN
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: KUBOTA **Identification Number:** TW 11078

Project Number / Name: 2012-037 HMS Phase B **Rental** ☐ **ERRG** ☒

Inspected By / Date:	RJS 11/12/12			RJS 11/13/12			RJS 11/14/12			RJS 11/15/12			RJS 11/16/12			
Daily Hours:	884			886			887			889			891			
	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: _____ **Rental** ☐ **ERRG** ☑

Inspected By / Date:	11-13-12			11-14-12			11-15-12			11-16-12			11-17-12			
Daily Hours:	4949.0			04953			04955			04958			04962			
	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: KABOTA **Identification Number:** 780-11-7125

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

Inspected By / Date:	RSE 11/11/12			R. Mangelia 11/13/12			11-14-12			11-16-12						
Daily Hours:	1055			1505			10604 KI			10639 KI						
	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: KABOTA **Identification Number:** 780-11-7125

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

Inspected By / Date:	11-17-12			11-18-12			11-19-12									
Daily Hours:	10651			10647			10656									
	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: _____

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

ent Type: KUBOTA **Identification Number:** TW 11078

Number / Name: HPWS AREA B **Rental** ☐ **ERRG** ☒

Inspected By / Date:	RG 11/17/12			RG 11/18/12			RG 11/19/12									
Daily Hours:	892.7			894.7			896.8									
	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: 200 Excavator **Identification Number:** _____

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

Inspected By / Date:	BP 11/12			BP 11/13			BP 11/14			BP 11/15					
Daily Hours:	4369.6			4375.0			4381.1			4387.2					
	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	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐

Defect(s):

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 330 EXCAVATOR **Identification Number:** VE9N76

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

Inspected By / Date:	JN 11/16/12			BP 11/17/12			BP 11/18/12			BP 11/19						
Daily Hours:	01823			1830			1836			1844						
	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?	☐	☒	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	Placed ERRG
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: Installed ERRG Fire extinguisher ~~Fire~~ in unit after inspection

Swing motor leaking oil

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: WATER TRUCK **Identification Number:** ERRG

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

Inspected By / Date:	11-19-12															
Daily Hours:	12173.8															
	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: MOBILE SWEEPER **Identification Number:** _____

Project Number / Name: 2012 0371 HPLS **Rental** ☐ **ERRG** ☐

Inspected By / Date:	[redacted] 11-19-12														**Defect(s):**
Daily Hours:	12999.5														
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 19/11/12
REPORT NO 013

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
02	Imported filter rock and riprap to the site (see Contractor Production Report for quantities). ESP Surveying performed site surveying.
	Excavated shoreline to design subgrade between stations 1+70 and 2+20; grade checker verified subgrade elevations.
	Installed geotextile fabric on completed subgrade and placed filter rock over geotextile to a minimum 6-inch thickness. Verified that
	filter rock thickness is within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 1+70 and 2+20.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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	Held weekly QC meeting (Attended by ERRG QCM, Superintendent, SSHO, PM, and Navy ROICC).

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

11/19/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 11/19/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

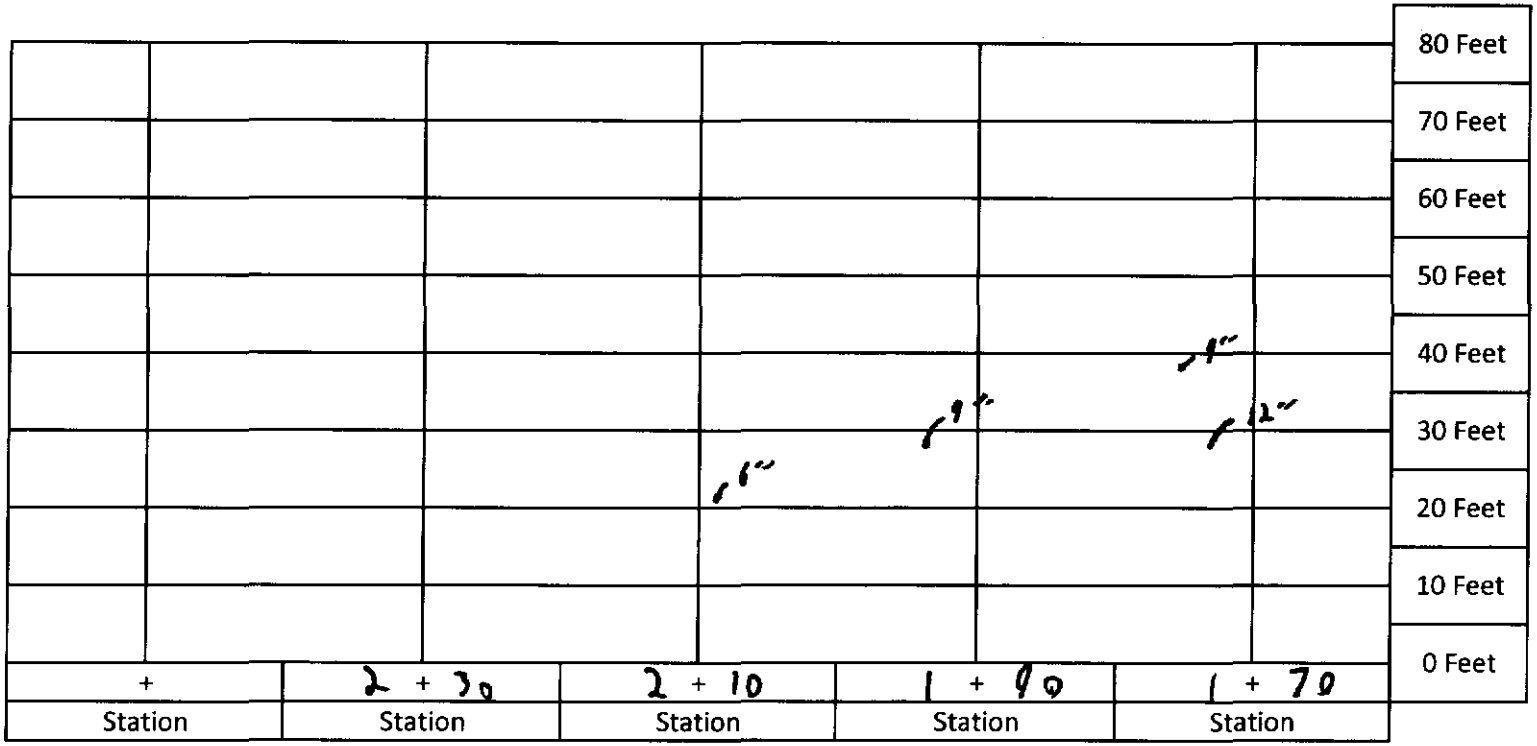
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			Grade checker verified revetment subgrade elevation; checked filter rock thickness
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/19/12

Filter Rock Thickness Check Locations

Date: 11/19/12
Checked By: SJS



Top of Revetment

Name: Rex Magadia

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11/19/12	Date	11/19/12
Time	2335	Time	2355
DO (mg/L)	0.38	DO (mg/L)	6.10
pH	7.96	pH	8.46
Turbidity (NTU)	496	Turbidity (NTU)	56
Temperature (°C)	14.73	Temperature (°C)	14.64

YSI Meter 3-Pt. pH Calibration Table

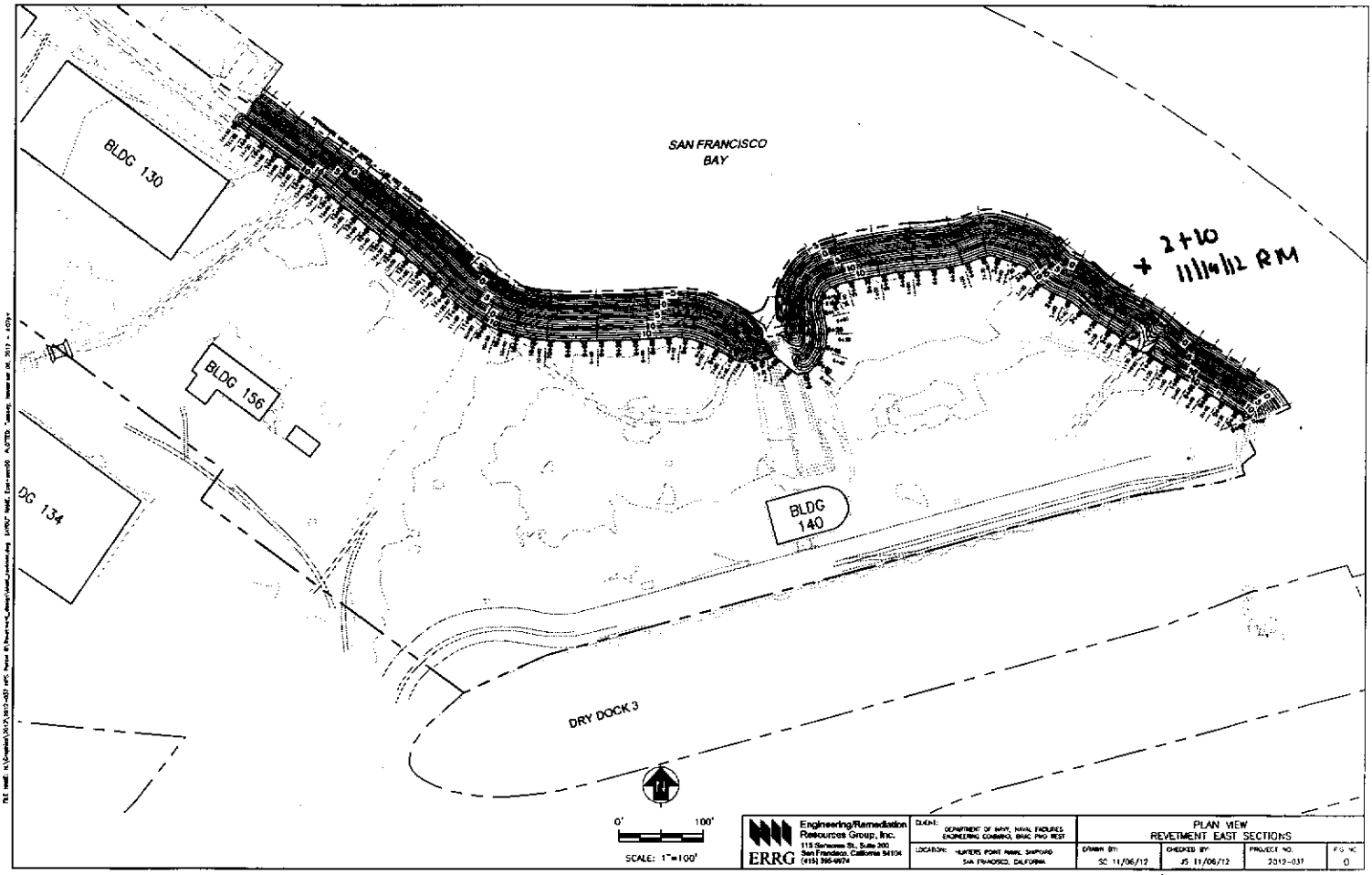
1st pH	4.00
Reading	3.56
2nd pH	7.00
Reading	7.00
3rd pH	10.00
Reading	10.03

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	800 NTU standard read 760
After Calibration	800 NTU standard read 795

Signature:

Date: 11/19/12


SAN FRANCISCO
BAY
BLDG 130
BLDG 156
DG 134
BLDG
140
DRY DOCK 3
2+10
11/14/12 RM
0'
100'
SCALE: 1"=100'
Engineering/Remediation
Resources Group, Inc.
115 Sansome St., Suite 200
San Francisco, California 94104
(415) 395-9674
ERRG
DEPARTMENT OF NAVY, NAVAL FACILITIES
ENGINEERING COMMAND, BRAC PMO WEST
HUNTERS POINT NAVAL SHIPYARD
SAN FRANCISCO, CALIFORNIA
PLAN VIEW
REVETMENT EAST SECTIONS
DRAWN BY:
SC 11/06/12
CHECKED BY:
JS 11/06/12
PROJECT NO.
2012-037
FIG. NO.
0

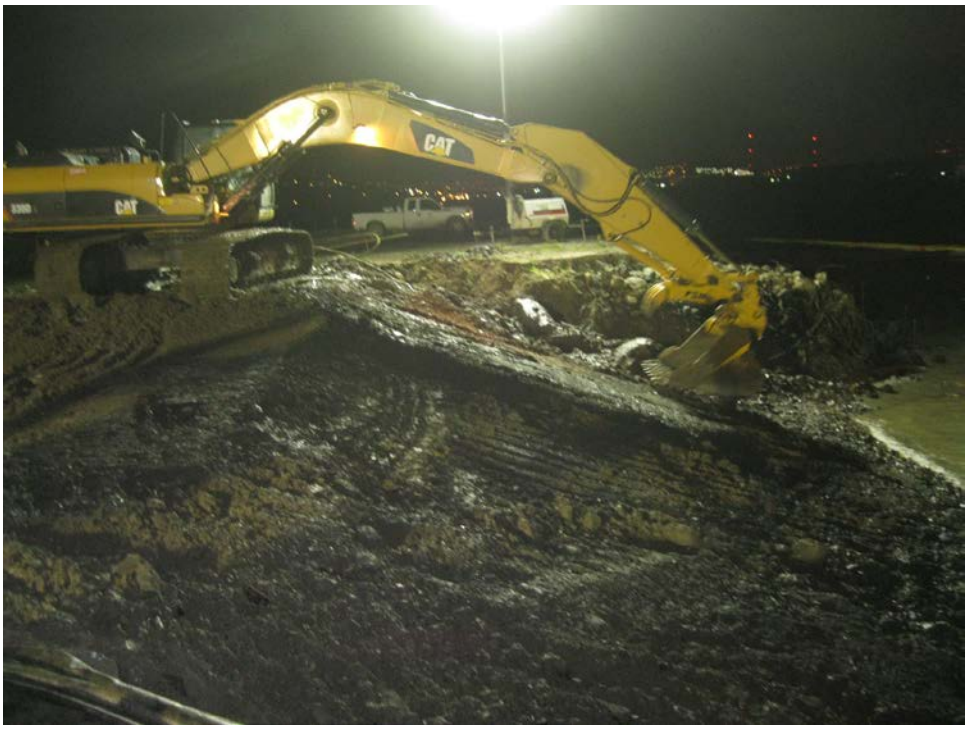


Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 1+70 and 2+20

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 19, 2012

Photo 2: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 1+70 and 2+20

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 19, 2012

Photo 3: Shoreline Excavation and Revetment – Completed filter rock layer placed between stations 1+70 and 2+20

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 19, 2012

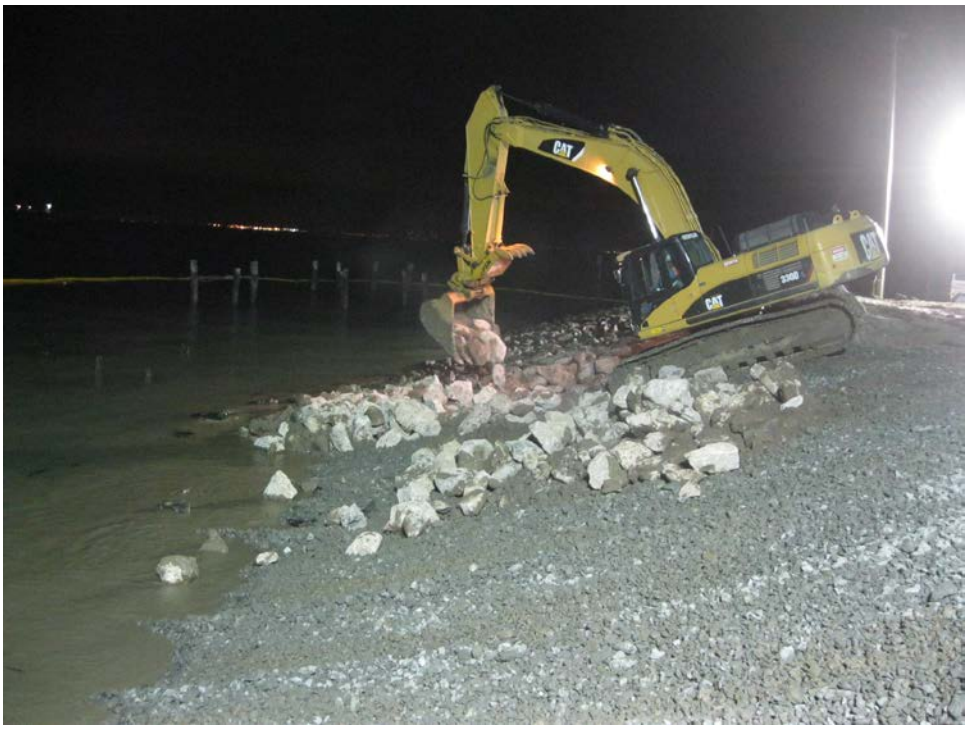


Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 1+70 and 2+20

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 19, 2012

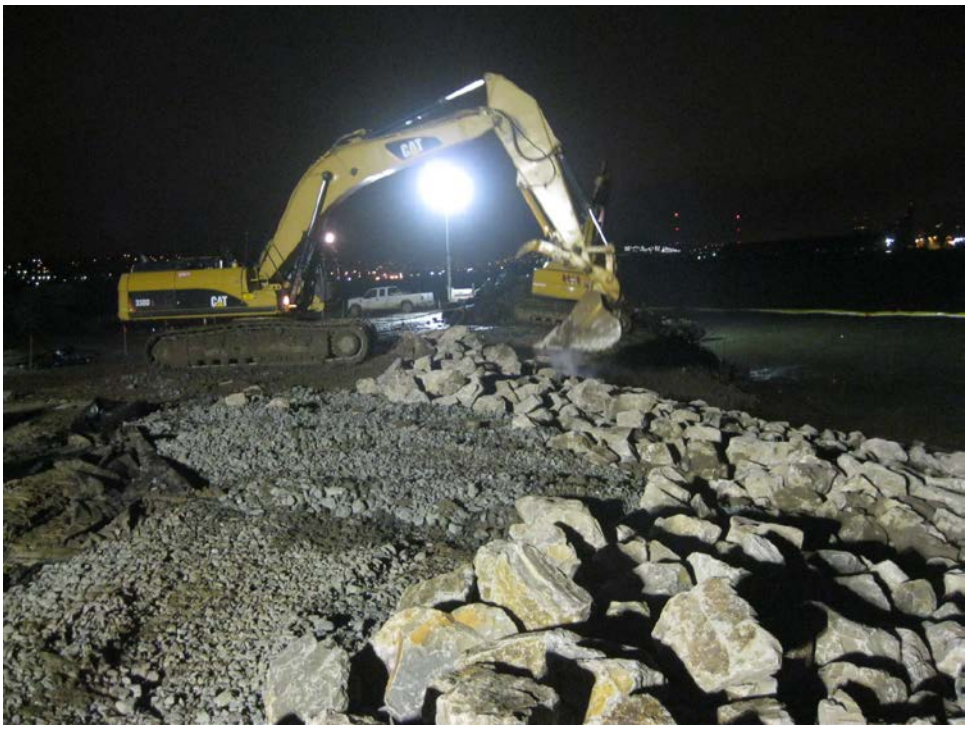


Photo 5: Shoreline Excavation and Revetment – Placement of riprap between stations 1+70 and 2+20

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 19, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 26/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 &18), HPNS, SF

REPORT NO: 014

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Foggy/Sunny/mild	Cloudy/Cool	61	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	10
	Perform equipment inspections. QC staff and grade setter lay out and stake	ERRG	1	Construction Manager	8
	the cut for tonight. Excavate cut, stockpile material adjacent to the work area	ERRG	1	Project Manager	0
	install filter fabric, place filter rock to specified thickness, place rip rap to	ERRG	1	QC Manager	8
	specified thickness. QC staff spot check thickness of filter rock and rip rap.	ERRG	1	H&S Officer	8
	Crew continue working on clearing the shoreline of surface debris in the area	ERRG	3	QC Staff	26
	of tomorrow nights cut. ~60' of shoreline completed tonight.	ERRG	4	Equipment Operators	28
		ERRG	6	Laborers	44
		ERRG	2	Truck Driver	12
		Osbourne Coring	1	Concrete	7

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	151
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	1878.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2029.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED
02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment

■ 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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores — 11/26/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 26/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 &18), HPNS, SF

REPORT NO: 014 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Foggy/Sunny/mild	Cloudy/Cool	61	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	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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	0
02	United Rentals	4 light towers	32
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/26/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/26/12 **TIME** 1400 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK REVETMENT REMEDIATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS WORKING NEAR WATER, EQUIPMENT, DARK, STZF

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

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]
Kody Bailey	ERRG	[signature]
Chris Hay	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
[illegible] Lupe	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Jim Aguilar	ERRG	[signature]
Spencer Slomnski	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Fernando [illegible]	ERRG	[signature]
[illegible]	ER	[signature]
[illegible]	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Rex Magadia	ERRG	[signature]

Health & Safety Officer Richard Epp **SUPERINTENDENT** James Nores

SIGNATURE [signature] **SIGNATURE** [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 Shoring

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		11/26/12 1400
Site Safety and Health Officer:	RICHARD EPP		11/26/12 1400
Construction Quality Control Manager:	SPENCER SLOMINSKI		11/26/12 1400
Employee(s):	Tonny Green		11-26-12
	King Bailey		11-26-12 1400
	Chris Hay		11-26-12 1400
	ENRIQUE MARTINEZ		11-26-12 1400
	SALVADOR T		11-26-12 1400
	Raul Rodriguez		11-26-12 1400
	Jim Aguirre		11-26-12 1400
	Brian Kerr		11-26-12 1400
			11/26/12 1400
	FERNANDO LOZA		11/26/12 1400
	Spencer Johnson		11/26/12 1400
	Rex Magadia		11/26/12 1400

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	11/26/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY, WINDY	Page:	1 of 1
Site Visitors:	N/A		

Description of Field Activities:

EXCAVATION, FABRIC, FILTER ROCK AND RIPRAP FOR AN ADDITIONAL 60' OF REVETMENT.

LIGHT METER 5.6 FC @ EAST TOE OF CUT, 7.1 FC AT WEST TOE & 6.4 EAST ROCK PILE (RIP RAP).

INSTALLED CAMERAS ON EXISTING LIGHT POLES

CLEARING RUBBLE FROM NEXT SECTION OF SHORELINE, PULLED OLD SHOOTPILE.

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMPTRUCK, 1 LOADERS, BULLDOZER, WATER TRUCK, 2 KUBOTA'S, [redacted]

Signed: _____ Date: 11/26/12

ERRG

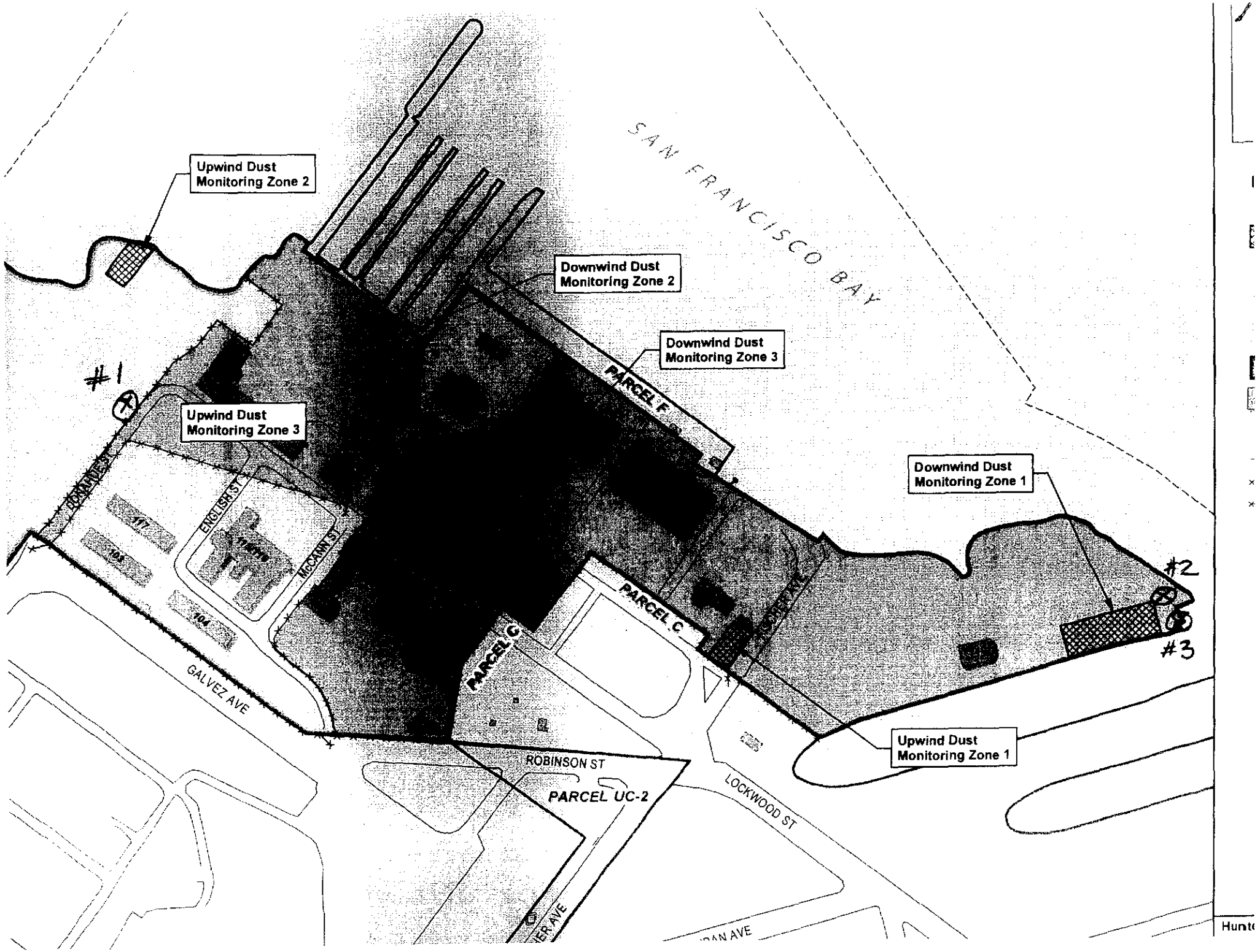
AIR MONITORING LOG SHEET

ERRG

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

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 # 1161	11/26/12	1418	0.000	0.000	
DONAHUE ST.		1600	0.020	0.000	
		1855	0.000	0.000	
		1959	0.000	0.000	
		2047			
WORK AREA # 1008	11/26/12	1430	0.011	0.009	
SHORELINE		1549	0.014	0.016	
		1642	0.013	0.014	
		1750	0.019	0.015	
		1848	0.006	0.014	
		1953	0.005	0.013	
		2047	0.008	0.012	
DOWNWIND # 10973	12/26/12	1431	0.014	0.015	
SHORE & DRY DOCK # 3		1549	0.018	0.018	
		1642	0.023	0.019	
		1750	0.016	0.022	
		1848	0.018	0.022	
		1954	0.017	0.021	
		2048	0.016	0.021	


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
#1
#2
#3
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL G
PARCEL UC-2
CONSTITUTION DR
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
103
104
105
106
107

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 26/11/12
REPORT NO 014

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
02	Excavated shoreline to design subgrade between stations 2+20 and 2+80; grade checker verified subgrade elevations.
	Installed geotextile fabric on completed subgrade and placed filter rock over geotextile to a minimum 6-inch thickness. Verified that
	filter rock thickness is within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 2+20 and 2+80.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

11/26/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 11/26/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

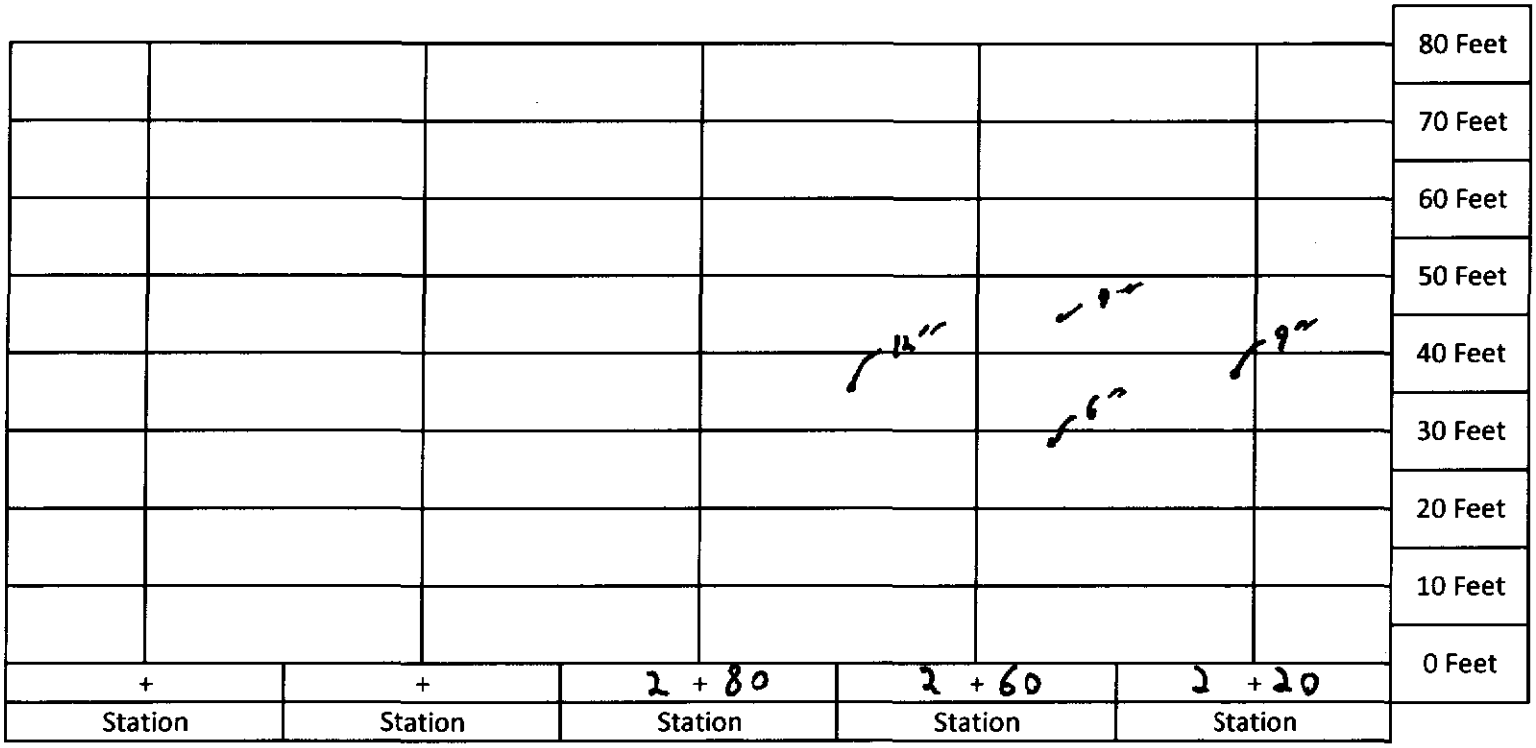
Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			Grade checker verified revetment subgrade elevation; checked filter rock thickness
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/26/12

Filter Rock Thickness Check Locations

Date: 11/26/12

Checked By: SJS



Top of Revetment

Name: Rex Magadia

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11\26\12	Date	11\26\12
Time	1744	Time	1806
DO (mg/L)	6.94	DO (mg/L)	7.20
pH	7.70	pH	8.80
Turbidity (NTU)	297	Turbidity (NTU)	47
Temperature (°C)	14.52	Temperature (°C)	14.52

YSI Meter 3-Pt. pH Calibration Table

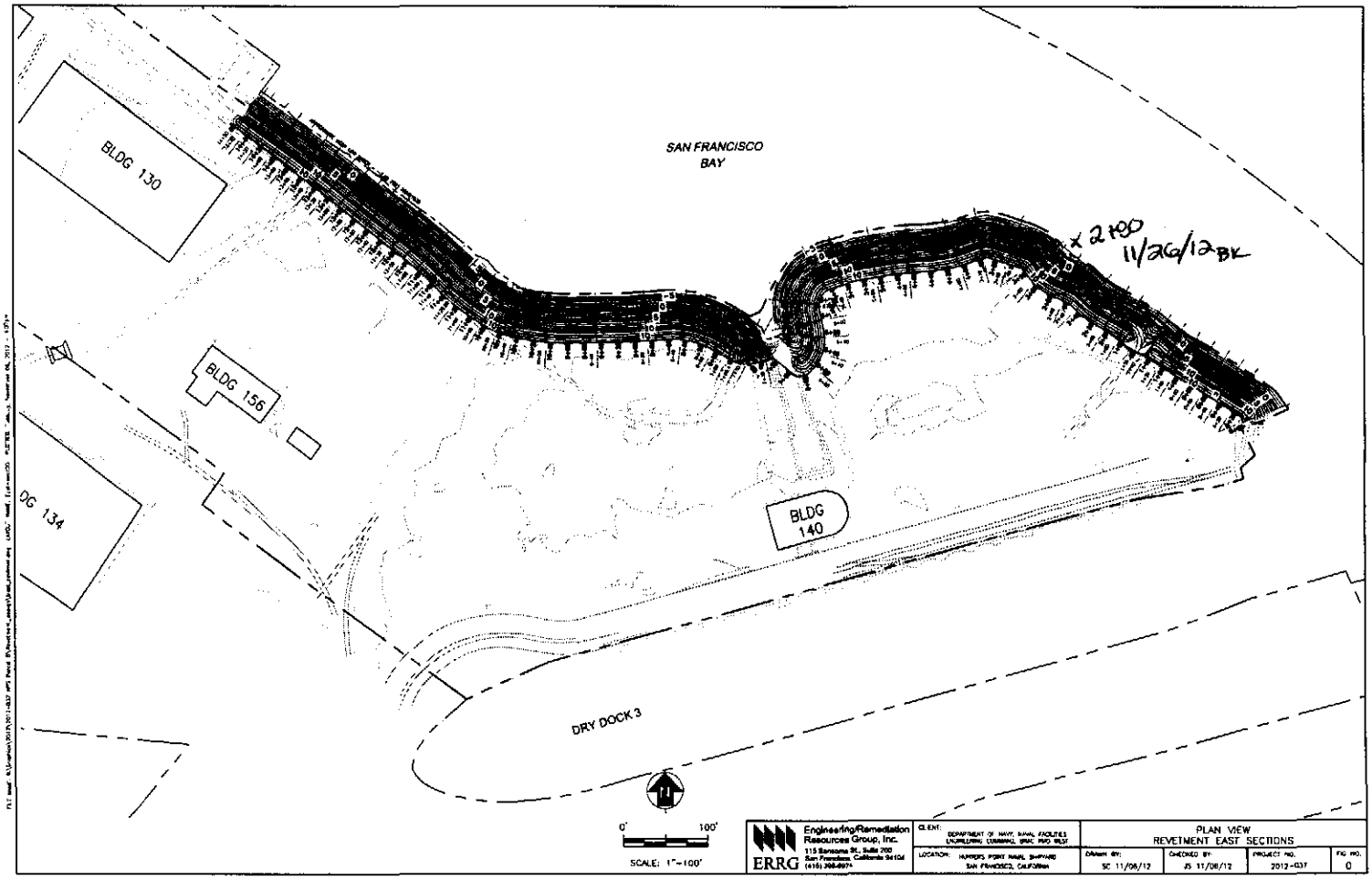
1st pH	4.00
Reading	3.91
2nd pH	7.00
Reading	6.89
3rd pH	10.00
Reading	10.04

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	800 NTU standard read 791
After Calibration	800 NTU standard read 785

Signature: Rex Magadia

Date: 11\26\12



x 2100 11/26/12 BK

ERRG Engineering/Remediation Resources Group, Inc. 115 Sansome St., Suite 200 San Francisco, California 94104 (415) 398-8874	CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFAC PACIFIC	PLAN VIEW REVETMENT EAST SECTIONS			
	LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA	DRAWN BY: SC 11/08/12	CHECKED BY: JS 11/08/12	PROJECT NO.: 2012-037	FIG. NO.: 0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 2+20 and 2+80

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 26, 2012

Photo 2: Shoreline Excavation and Revetment – Completed filter rock layer placed between stations 2+20 and 2+80

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 26, 2012

Photo 3: Shoreline Excavation and Revetment – Placement of riprap over folded-back geotextile at toe of revetment between stations and 2+20 and 2+80
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 26, 2012

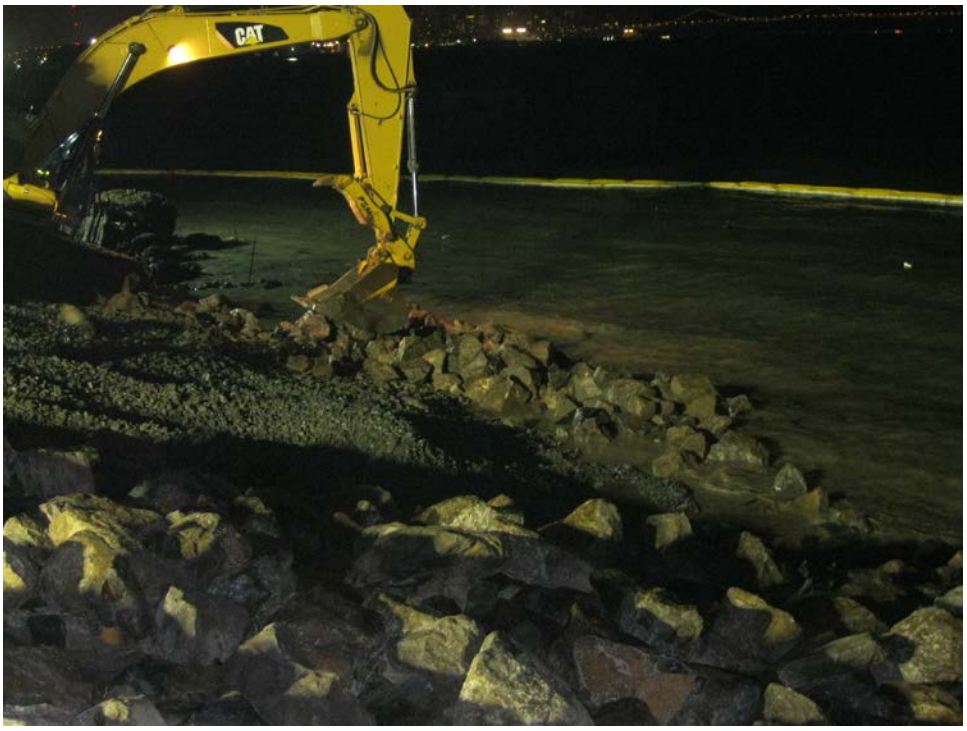


Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 2+20 and 2+80
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 26, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 27/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 &18), HPNS, SF

REPORT NO: 015

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/mild	Cloudy/Cool	61	57

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	10
	Perform equipment inspections. QC staff and grade setter lay out and stake	ERRG	1	Construction Manager	8
	the cut for tonight. Excavate cut, stockpile material adjacent to the work area	ERRG	1	Project Manager	0
	install filter fabric, place filter rock to specified thickness, place rip rap to	ERRG	1	QC Manager	8
	specified thickness. QC staff spot check thickness of filter rock and rip rap.	ERRG	1	H&S Officer	8
	Crew continue working on clearing the shoreline of surface debris in the area	ERRG	2	QC Staff	20
	of tomorrow nights cut. ~50' of shoreline completed tonight. Cut and remove	ERRG	4	Equipment Operators	28
	sheet pile shoring on the south end of the revetment near dry dock 3, prepare	ERRG	6	Laborers	46
	for rip rap placement at the tie in.	ERRG	2	Truck Driver	10

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	2029.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2167.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED
02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment

■ 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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores — 11/27/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 27/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 015 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/mild	Cloudy/Cool	61	57

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	0
02	United Rentals	4 light towers	32
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores 11/27/12

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/27/12 **TIME** 1430 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REMODIFICATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS WORK NEAR WATER, DARK, EQUIPMENT

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

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 LOZA	ERRG	[signature]
Spencer Slomash	ERRG	[signature]
King Bailey	ERRG	[signature]
Tony Green	ERRG	[signature]
Boris Perfetto	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Chris Hay	ERRG	[signature]
[illegible]	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Jim [illegible]	ERRG	[signature]
Guadalupe T	ERRG	Guadalupe T
ENRIQUE MARTINEZ	ERRG	[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

AHA #: 7 Shoreline Rev.

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	11/27/12 1430
Site Safety and Health Officer:	RICHARD EPP	[signature]	11/27/12 1430
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	11/27/12 1430
Employee(s):	FERNANDO LOZA	[signature]	11/27/12 1430
	Bing Bailey	[signature]	11-27-12 1430
	Toney Green	[signature]	11-27-12 1430
	Boris Portillo	Boris Portillo	11/27/12 1430
	Spencer Johnson	[signature]	11/27/12 1430
	Brian Kerr	[signature]	11/27/12 1430
	Chris Hay	[signature]	11/27/12 1430
	TY APPEL	[signature]	11/27/12 1430
	Paul Rodriguez	[signature]	11-27-12 1430
	Jim Aguiar	[signature]	11-22-12 1450
	Guadalupe T	Guadalupe T	11-27-12 1430
	ENRIQUE MARTINEZ	[signature]	11-27-12 1400
	Mike Barbst	[signature]	11-27-12 1430

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	11/27/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO OVERCAST, CALM	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

EXCAVATION, FABRIC, FILTER ROCK & RIP RAP CONTINUED ALONG SHORELINE IN WESTERLY DIRECTION.

CLEARING SHORELINE FOR WEST SECTION.

CHECKING BMPs FOR ~~WEDNESDAY~~ RAIN EVENT TOMORROW.

LIGHT LEVELS RANGED FROM 6.4 TO 7.6 Fc

REMOVING OLD SHEETPILE AT EAST SIDE OF BEGINNING SECTION.

EQUIPMENT - 2 EXCAVATORS, GRAD LOADER, OFF-ROAD DUMP TRUCK, WATER TRUCK, BULLDOZER, 2 KUBOTAS

Signed: [signature] Date: 11/27/12

ERRG

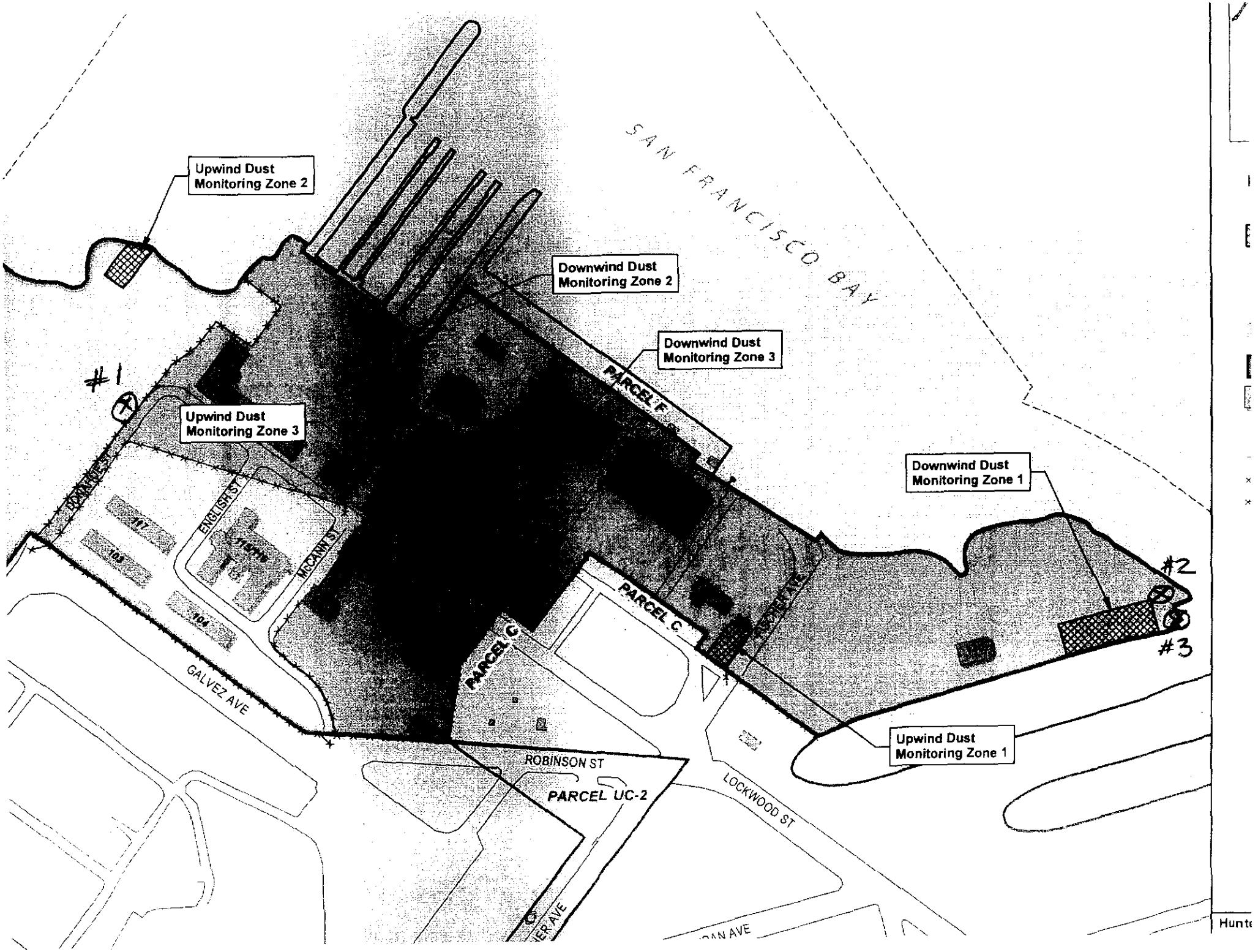
AIR MONITORING LOG SHEET

ERRG

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

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 # 1161	11/27/12	1459	0.000	0.000	
DOWNING ST.		1810	0.000	0.000	
		1922	0.000	0.000	
		2107	0.000	0.000	
WORK AREA # 1008	11/27/12	1459	0.017	0.017	
SHORELINE		1557	0.003	0.010	
		1704	0.000	0.061	
		1809	0.000	0.044	
		1905	0.001	0.035	
		2001	0.000	0.028	
		2101	0.000	0.022	
DOWNWIND #10973					
SHORE @ DRY DOCK # 3	11/17/12	1500	0.017	0.017	
		1558	0.013	0.014	
		1703	0.009	0.015	
		1808	0.009	0.013	
		1903	0.001	0.012	
		2002	0.005	0.012	
		2102	0.003	0.010	



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
SAN FRANCISCO BAY
#1
#2
#3
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
117
103
104

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 27/11/12

REPORT NO 015

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
02	Excavated shoreline to design subgrade between stations 2+80 and 3+30; grade checker verified subgrade elevations.
	Installed geotextile fabric on completed subgrade and placed filter rock over geotextile to a minimum 6-inch thickness. Verified that
	filter rock thickness is within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 2+80 and 3+30.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

11/27/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

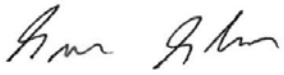
GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 11/27/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

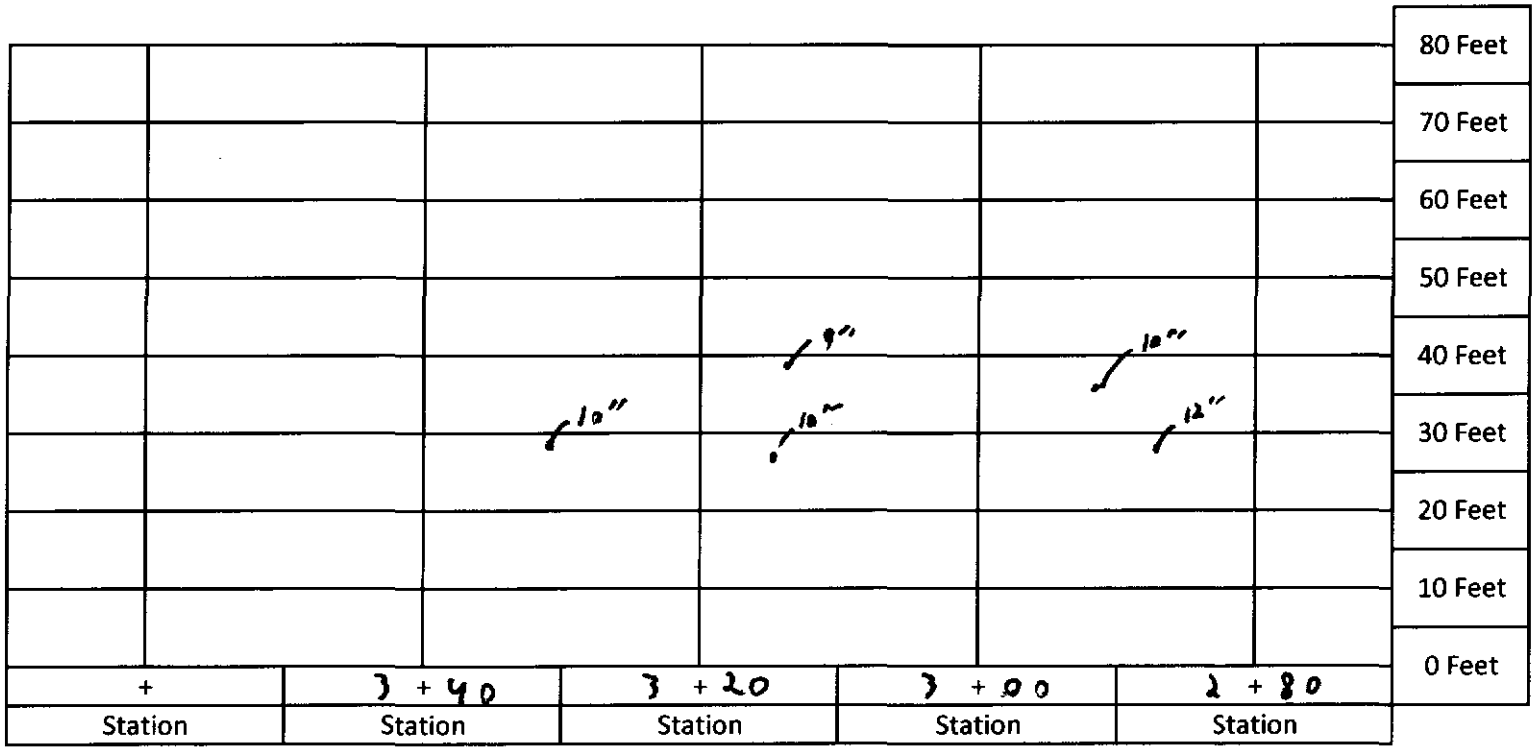
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			Grade checker verified revetment subgrade elevation; checked filter rock thickness
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					
Calibration				**X**	

QC Manager: Spencer Slominski 	Date: 11/27/12

Filter Rock Thickness Check Locations

Date: 11/27/12
Checked By: SJS



Top of Revetment

Name: Brian Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11/27/12	Date	11/27/12
Time	1844	Time	1852
DO (mg/L)	6.64	DO (mg/L)	6.69
pH	8.30	pH	9.72
Turbidity (NTU)	525	Turbidity (NTU)	132
Temperature (°C)	14.40	Temperature (°C)	14.50

YSI Meter 3-Pt. pH Calibration Table

1st pH	4.00
Reading	3.99
2nd pH	7.00
Reading	6.98
3rd pH	10.00
Reading	9.90

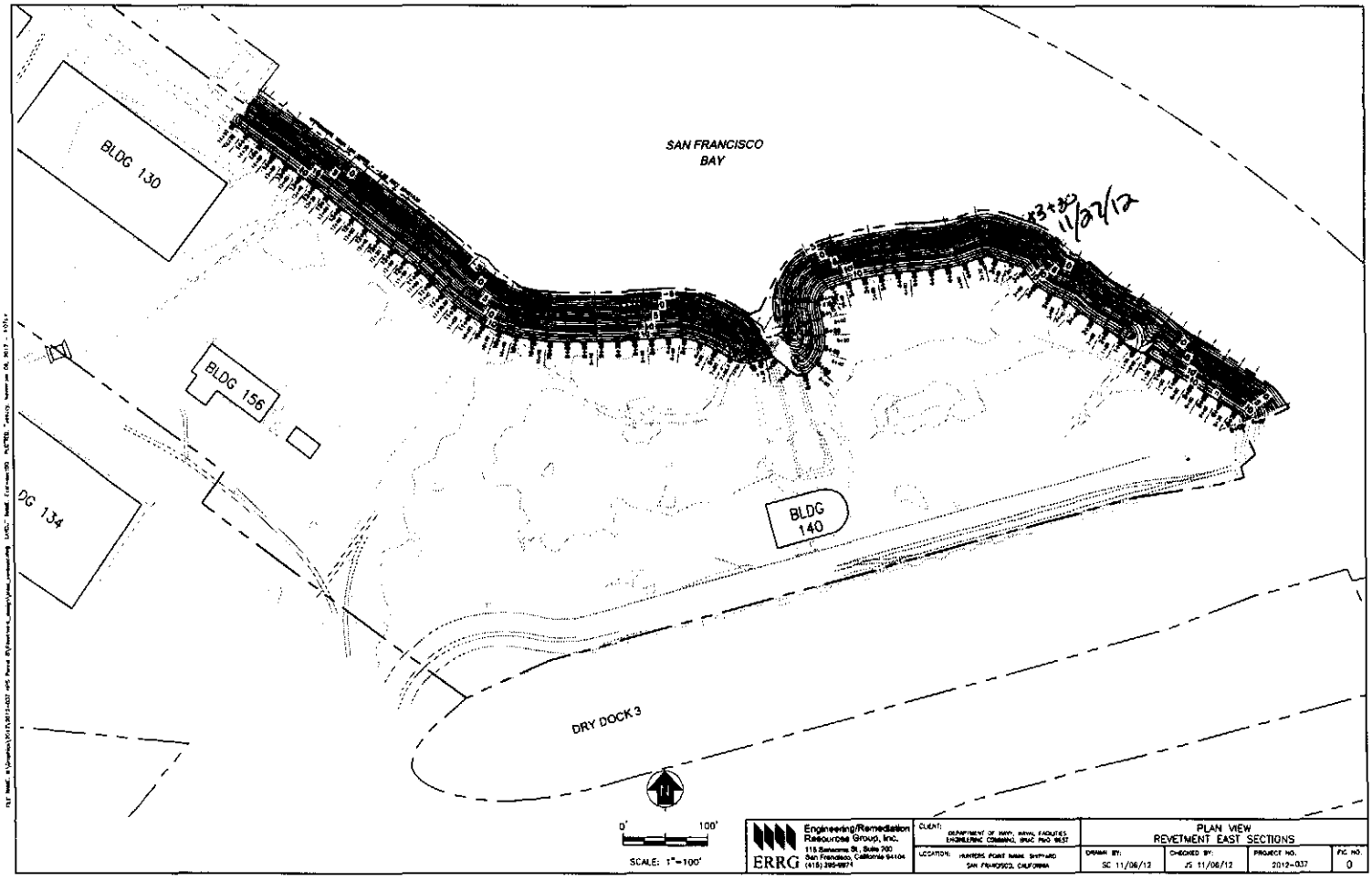
15.36 °C

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	800 NTU standard read ____
After Calibration	800 NTU standard read ____

Signature: [signature]

Date: 11/27/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 700
San Francisco, California 94104
(415) 395-0671
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFA WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG. NO.
SC 11/06/12	JS 11/06/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 2+80 and 3+30

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Slominski (ERRG, Inc.) Date: November 27, 2012

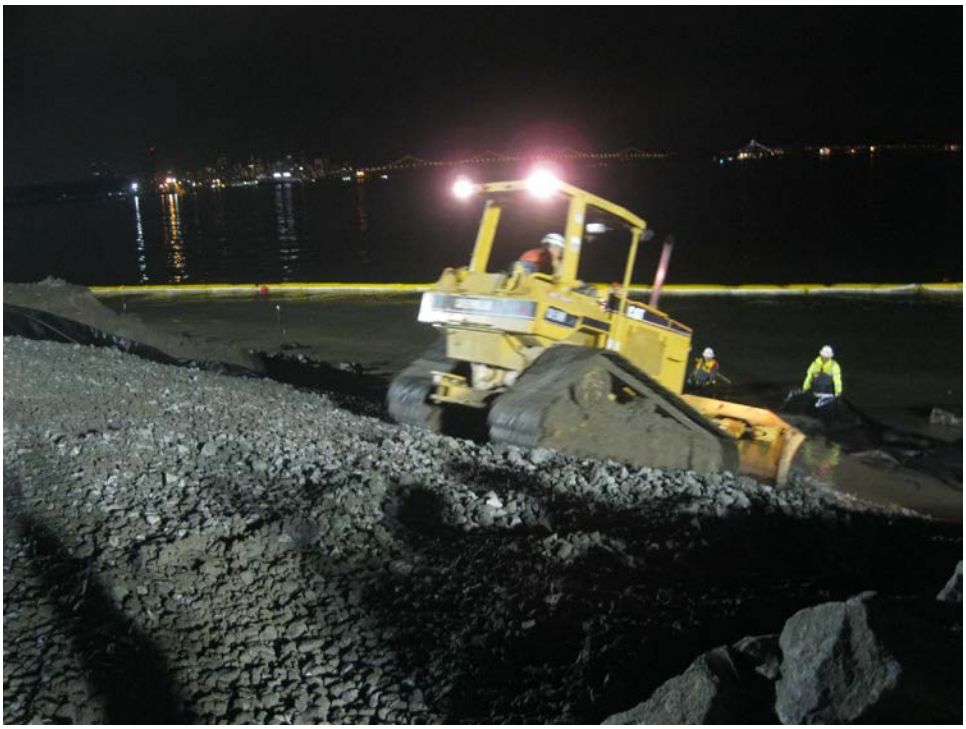


Photo 2: Shoreline Excavation and Revetment – Placement of filter rock over geotextile fabric between stations 2+80 and 3+30

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 27, 2012

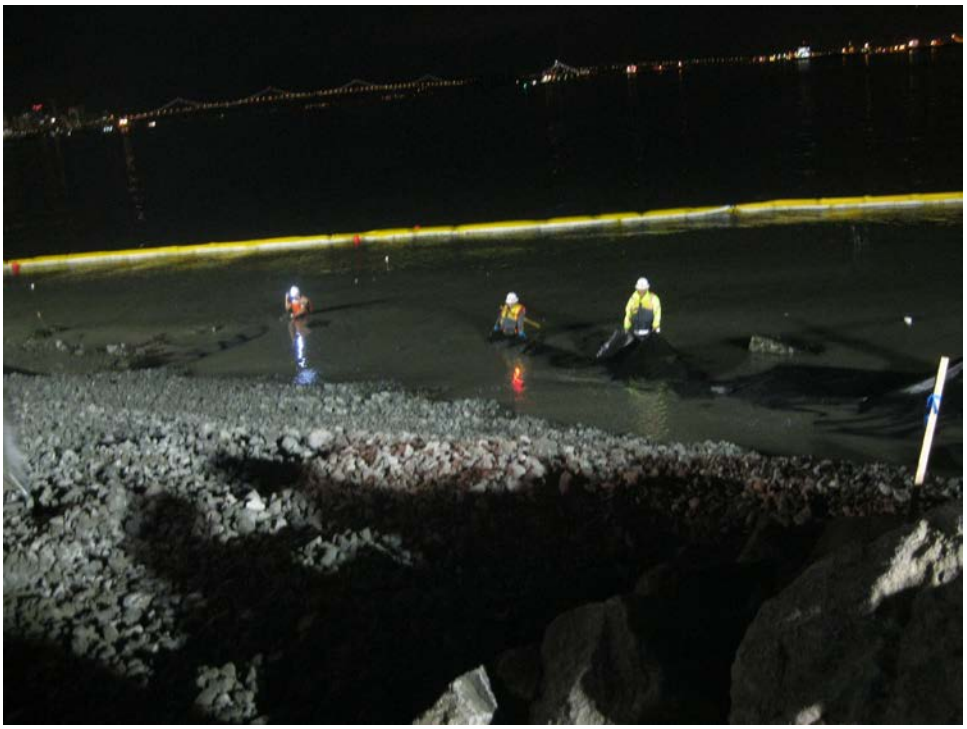


Photo 3: Shoreline Excavation and Revetment – Placement of filter rock over geotextile fabric between stations 2+80 and 3+30

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 27, 2012

Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 2+80 and 3+30

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 27, 2012

Photo 5: Shoreline Excavation and Revetment – Riprap installed from toe of revetment to crest of revetment (looking southeast from Station 3+30)

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 27, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 28/11/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 &18), HPNS, SF	016

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Cloudy/Cool	64	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	10
	Perform equipment inspections. QC staff and grade setter lay out and stake	ERRG	1	Construction Manager	10
	the cut for tonight. Excavate cut, stockpile material adjacent to the work area	ERRG	1	Project Manager	4
	install filter fabric, place filter rock to specified thickness, place rip rap to	ERRG	1	QC Manager	9
	specified thickness. QC staff spot check thickness of filter rock and rip rap.	ERRG	1	H&S Officer	8
	Cut and install approximately 40' of revetment by station, of shoreline today.	ERRG	2	QC Staff	20
	Crew continue working on clearing the shoreline of surface debris in the area	ERRG	4	Equipment Operators	28
	tomorrow nights cut area. Excavate top close to finish grades to prepare.	ERRG	6	Laborers	46
		ERRG	2	Truck Driver	10

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	145
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2167.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2312.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED
02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment

☒ 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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores 11/28/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 28/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 016 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Cloudy/Cool	64	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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	0
02	United Rentals	4 light towers	32
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/28/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/28/12 **TIME** 1500 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS WORKING NEAR WATER, DARK, RAIN, POOR VISION, EQUIPMENT MOVEMENT

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

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]
Barry Pomeroy	ERRG	[illegible]
King Bailey	ERRG	[illegible]
Spencer Stewart	ERRG	[illegible]
Brian Kerr	ERRG	[illegible]
Fernando Loza	ERRG	[illegible]
Guadalupe T	ERRG	Guadalupe T
Chris Hay	ERRG	[illegible]
Enrique Martinez	ERRG	[illegible]
[illegible]	[illegible]	[illegible]
Jim Aguiar	ERRG	[illegible]
Toney Green	ERRG	[illegible]
Spencer Johnson	ERRG	[illegible]
Mike Babst	ERRG	[illegible]
John Souriaz	ERRG	[illegible]

Health & Safety Officer Richard Epp

SIGNATURE [illegible]

SUPERINTENDENT James Nores

SIGNATURE [illegible]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: #7 Shoring Roughout

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	11/28/12
Site Safety and Health Officer:	RICHARD EPP	[signature]	11/28/12 1500
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	11/28/12 1500
Employee(s):	Boris [illegible]	[signature]	11/28/12 1500
	TS Appel	[signature]	11/28/12 1500
	Kris Bailey	[signature]	11-28-12 1500
	Brian Kerr	[signature]	11-28-12 1500
	FERNANDO LOZA	[signature]	11-28-12 1500
	Guadalupe T.	Guadalupe T	11-28-12 1500
	Chris Hay	[signature]	11-28-12 1500
	ENRIQUE MARTINEZ	[signature]	11-28-12 - 1500
	Paul Rodriguez	[signature]	11-28-12 - 1500
	Jim Aguiar	[signature]	11-28-12 - 1500
	Tony Green	[signature]	11-28-12 - 1500
	Spencer Johnson	[signature]	11/28/12 1500
	Mike Babst	[signature]	11/28/12 1500

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	11/28/30
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST / RAIN	Page:	1 of 1
Site Visitors:			

Description of Field Activities:

CONTINUED SHORELINE EXCAVATION, FABRIC, FILTER ROCK & RIPRAP.

LIGHTING CONTINUOUS GOOD ALL AREAS OVER 6.7 FC.

REMOVING RUBBLE FROM NORTH SECTION OF SHORELINE

ALL AMPS CHECKED AND IN GOOD CONDITION, MINOR ADJUSTMENTS.

ALL ACTIVITY INSPECTIONS PERFORMED, NO DEFICIENCIES

EQUIPMENT: 2 EXCAVATORS, END LOADER, OFF ROAD DUMP TRUCK, WATER TRUCK, BULLDOZER, 4 LIGHT TOWERS, 2 SKIFF BOATS.

Signed: Richard Epp Date: 11/28/12

ERRG

AIR MONITORING LOG SHEET

ERRG

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

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
METERS NOT DEPLOYED	DUE TO	INCLEMENT	WEATHER.		

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 28/11/12

REPORT NO 016

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
02	Excavated shoreline to design subgrade between stations 3+30 and 3+65; grade checker verified subgrade elevations.
	Installed geotextile fabric on completed subgrade and placed filter rock over geotextile to a minimum 6-inch thickness. Verified that
	filter rock thickness is within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 3+30 and 3+65.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

11/28/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

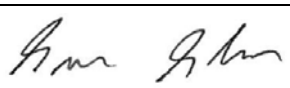
GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 11/28/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

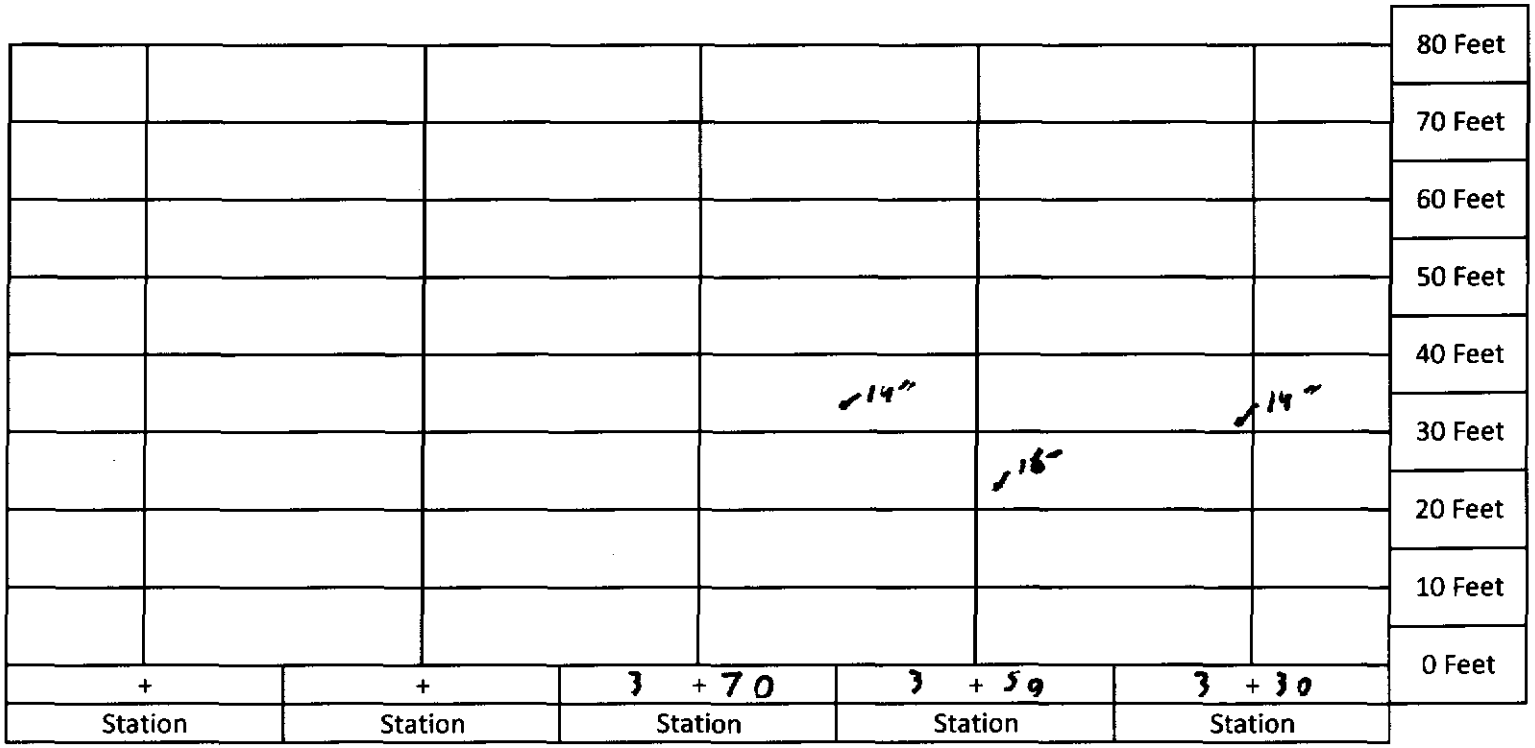
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			Grade checker verified revetment subgrade elevation; checked filter rock thickness
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					
Calibration				**X**	

QC Manager: Spencer Slominski 	Date: 11/28/12

Filter Rock Thickness Check Locations

Date: 11/28/12
Checked By: S JF



Top of Revetment

Name: Brian Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11/28/12	Date	11/28/12
Time	1815	Time	1826
DO (mg/L)	7.23	DO (mg/L)	6.97
pH	7.97	pH	9.92
Turbidity (NTU)	301	Turbidity (NTU)	42
Temperature (°C)	14.18	Temperature (°C)	14.22

YSI Meter 3-Pt. pH Calibration Table

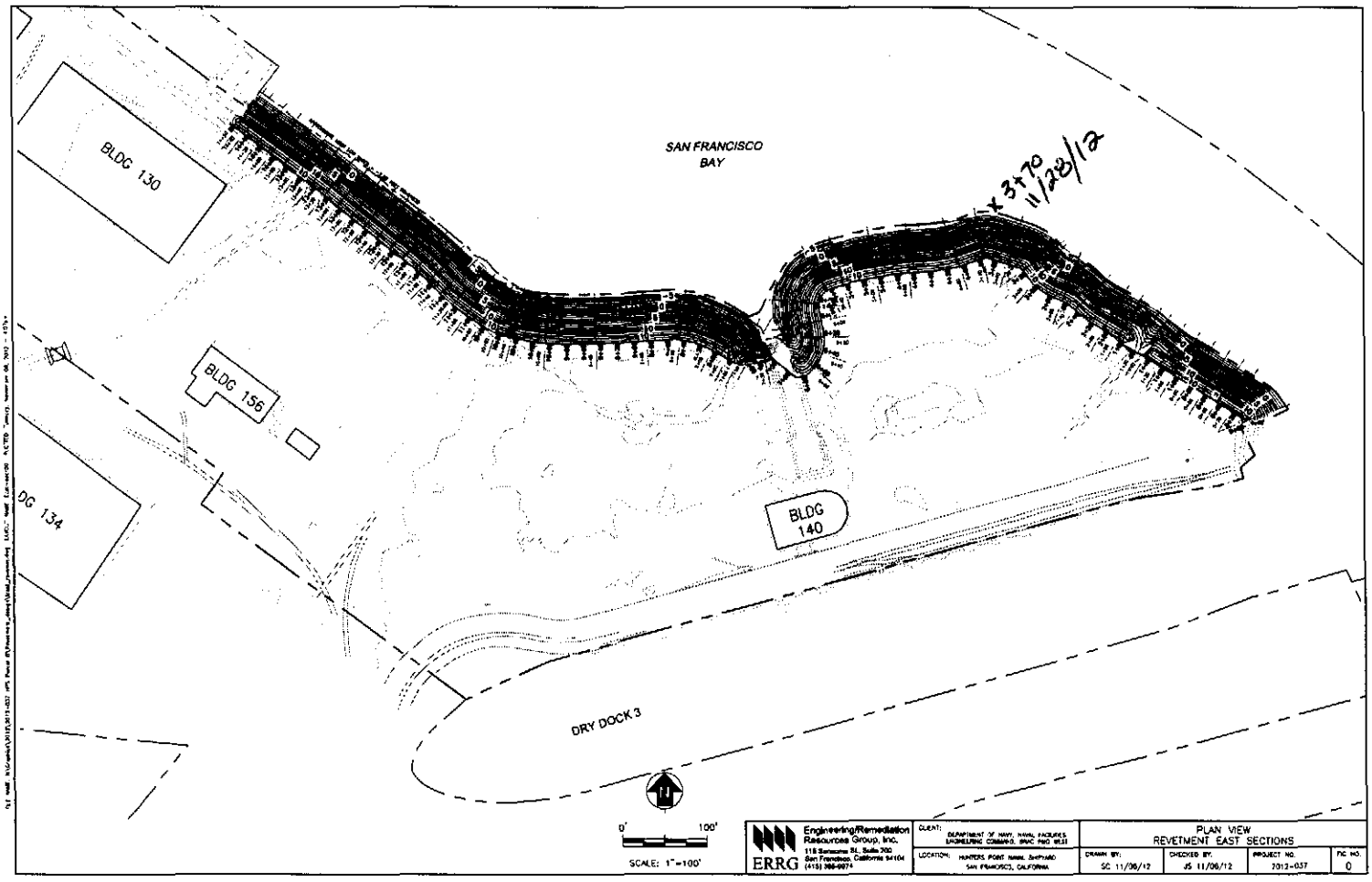
1st pH	4.00
Reading	4.03
2nd pH	7.00
Reading	7.02
3rd pH	10.00
Reading	10.04

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU) ✓ calibration completed

Before Calibration	____ NTU standard read ____
After Calibration	____ NTU standard read ____

Signature: Brian Kerr

Date: 11/28/12



Engineering/Remediation Resources Group, Inc.
ERRG
115 Sansome St., Suite 900
San Francisco, California 94104
(415) 399-9974

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG NO.
SC 11/06/12	JS 11/06/12	7012-037	0

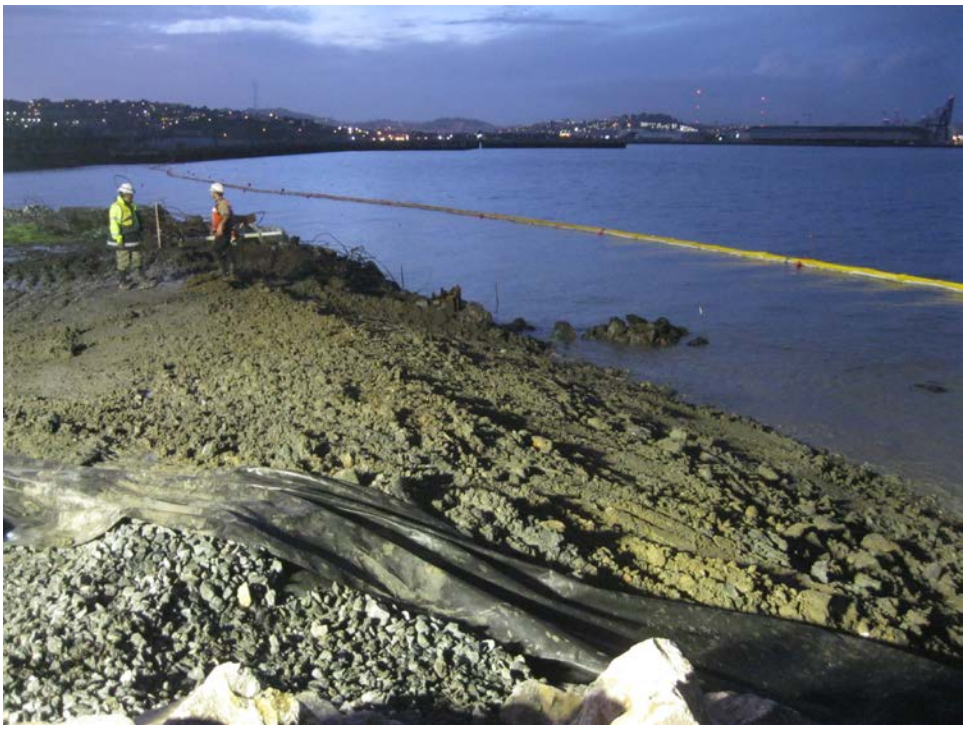


Photo 1: Shoreline Excavation and Revetment – Revetment subgrade between stations 3+30 and 3+65

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 28, 2012

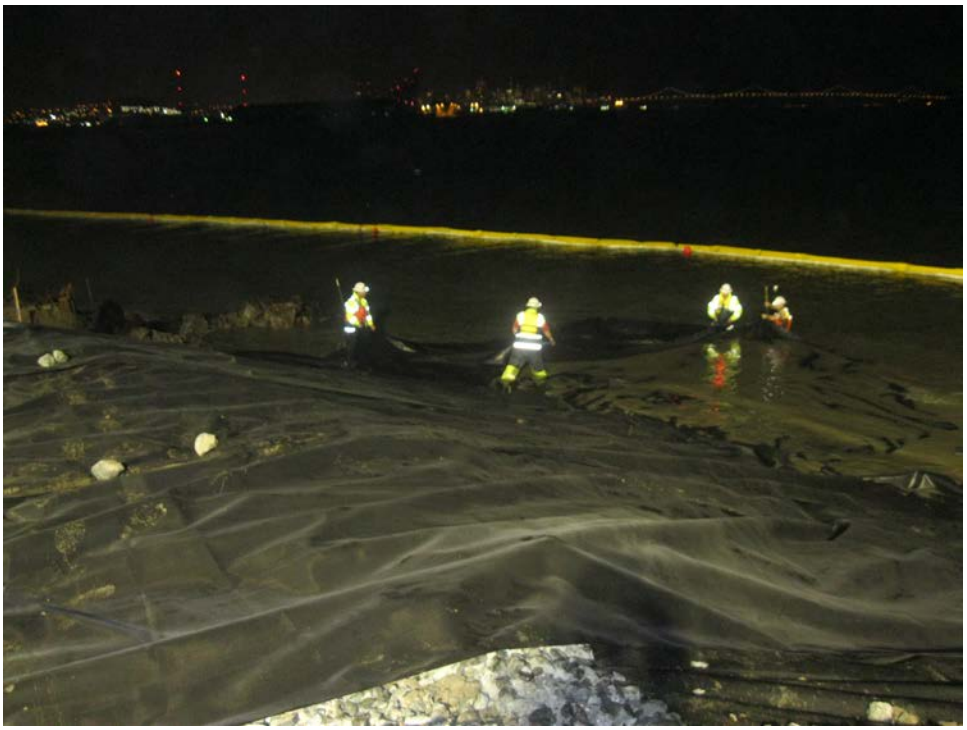


Photo 2: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 3+30 and 3+65

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 28, 2012

Photo 3: Shoreline Excavation and Revetment – Filter rock layer placed over geotextile fabric between stations 3+30 and 3+65

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 28, 2012

Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 3+30 and 3+65

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 28, 2012

Photo 5: Shoreline Excavation and Revetment – Riprap installed from toe of revetment to crest of revetment between stations 3+30 and 3+65

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 28, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 29/11/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 &18), HPNS, SF	017

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Cloudy/Cool	64	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety briefing with craft labor and review AHA for revetment	ERRG	1	Superintendent	10
	Perform equipment inspections. QC staff and grade setter lay out and stake	ERRG	1	Construction Manager	0
	the cut for tonight. Excavate cut, stockpile material adjacent to the work area	ERRG	1	Project Manager	0
	install filter fabric, place filter rock to specified thickness, place rip rap to	ERRG	1	QC Manager	9
	specified thickness. QC staff spot check thickness of filter rock and rip rap.	ERRG	1	H&S Officer	8
	Cut and install approximately 70' of revetment by station, of shoreline today.	ERRG	2	QC Staff	15
	Crew continue working on clearing the shoreline of surface debris in the area	ERRG	4	Equipment Operators	28
	tomorrow nights cut area.	ERRG	6	Laborers	46
		ERRG	2	Truck Driver	10
		ESP	2	Surveyors	8

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	134
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2312.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2446.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, equipment inspections performed, AHA review for revetment	

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
02	ERRG	70KW Generators (2 ea)	48
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores — 11/29/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 29/11/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 017 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Cloudy/Cool	64	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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	0
02	United Rentals	4 light towers	32
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

11/29/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 11/29/12 **TIME** 1530 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS RAIN, DARK, MUD, STAF, EQUIPMENT, EVACUATION

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

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	ERRG	[signature]
Fernando Lee	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Chris Hay	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
King Bailey	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Gadalupe T	ERRG	Galalupe T
Boris Porfirio	ERRG	Boris Porfirio
Spencer Johnson	ERRG	[signature]
Sam Espinosa	ESP	[signature]
Mike Babst	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG 2012-037

VISITORS LOG

NAME PRINTED	DATE	COMPANY	SIGNATURE
[illegible]	11/14/12	[illegible]	
PETER LAWRIDGE		ERRG	
ALAN MUELLER/ERRG		ERRG	
EMILY JACKSON		ERRG	
Christine Wong		ERRG	
Claire Walker		ERRG	
PETER STROGANOFF	15 NOV 12	ROICC	
ROSS STEENSON	16 NOV 12	REGIONAL WATER BOARD	
DAVID DELONG	16 NOV 12	NAVY DRM	
MATTHEW PENA	11-26-12	TRACER	
Giles Lassetter	11-26-12	TRACER	
Brandon Connelly	11-29-12	Kleinfelder	
Mark Lee	11-29-12	Kleinfelder	
DAVID TUCKERMAN	11-29-12	ERRG	
Michael Friedmann	11-29-12	ERRG	
PETER STROGANOFF	11-29-12	ROICC	

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 Structural Revision

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		11/29/12 1530
Site Safety and Health Officer:	RICHARD EPP		11/29/12 1530
Construction Quality Control Manager:	SPENCER SLOMINSKI		11/29/12
Employee(s):	Tony Green		11-29-12 1530
	Paul Rodriguez		11-29-12 1530
	FERNANDO LOZA		11-29-12 1530
	Chris Hay		11-29-12 1530
	Brian Kerr		11-29-12 1530
	Jim Aguirre		11-29-12 1530
	King Bailey		11-29-12 1530
	ENRIQUE MARTINEZ		11-29-12 15:30
	GADALUPE T	Gadalupe T	11-29-12 15:30
	Boris Portillo	Boris Portillo	11/29/12 1530
	Spencer Johnson		11/29/12 1530
	SAM EGANOS		11/29/12 1530
	Mike Babst		11/29/12 1530

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	11/29/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN	Page:	1 of 1
Site Visitors:	(SEE ATTACHED VISITORS LOG)		

Description of Field Activities:

SURVEYORS ON SITE CHECKING GRADES.

EXCAVATION, FABRIC, FILTER ROCK & RIPRAP CONTINUES ON SHORELINE REVETMENT.

LOWEST LIGHT METER READING 5.6 FC IN WORK AREAS

CHECK OF BMPs - OK, NO CORRECTIVE ACTION REQUIRED

EQUIPMENT & WORK INSPECTION - OK, NO COMPLIANCE ISSUES.

CLEARING SHORELINE DEBRIS FOR NEXT SECTION OF REVETMENT.

EQUIPMENT - 2 EXCAVATORS, OFF ROAD DUMP TRUCK, WATER TRUCK, END LOADER, BULLDOZER, 4 LIGHT TOWERS, 2 EXCAVATORS

Signed: _____ Date: 11/29/12

ERRG

AIR MONITORING LOG SHEET

ERRG

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

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

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	11/29/12				
DUST MONITORS WORKED NOT DESTROYED DUE TO INCLEMENT WEATHER ON SITE.					

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 29/11/12

REPORT NO 017

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 #
06	SVE System Installation	

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	Excavated shoreline to design subgrade between stations 3+65 and 4+40; grade checker verified subgrade elevations.
	Installed geotextile fabric on completed subgrade and placed filter rock over geotextile to a minimum 6-inch thickness. Verified that
	filter rock thickness is within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 3+65 and 4+25.
	Verified construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements. ESP Surveying performed spot checking of riprap neatline elevation.

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	Held weekly QC meeting (attended by ERRG QCM, Superintendent, SSHO, and Navy ROICC).

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

11/29/12 — 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

PREPARATORY PHASE CHECKLIST

(CONTINUED ON SECOND PAGE)

SPEC SECTION	DATE
01 35 45.00; 02 05 22; 02 62 16; 43 13 13.13	29/11/2012

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #6 SVE System Installation	DFOW #6	

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	Site Safety & Health Officer	ERRG
Michael Friedman	Chemical QC Manager	ERRG
David Behnken	QC Specialist	ERRG
Spencer Johnson	QC Specialist	ERRG
Michael Babst	QC Specialist	ERRG
Peter Stroganoff	Navy ROICC	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); SD-02, Survey Maps and Notes (02 05 22); SD-06, Borehole Logs and Well Completion Reports (02 05 22); SD-01, Startup Plan and Schedule (02 62 16); SD-06, Start-Up Report (02 62 16); SD-06, Laboratory Analysis Report (02 62 16).

ARE ALL MATERIALS ON HAND? YES ☐ NO ■

IF NO, WHAT ITEMS ARE MISSING? Well casing, well screen, filter pack, bentonite, and grout will be delivered with the drill rig on 12/3/12.

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

COMMENTS: Material will be inspected as it is delivered.

MATERIAL STORAGE

ARE MATERIALS STORED PROPERLY? YES ■ NO ☐

IF NO, WHAT ACTION IS TAKEN?

SPECIFICATIONS

REVIEW EACH PARAGRAPH OF SPECIFICATIONS. 01 35 45.00 Chemical Data Quality Control; 02 05 22 SVE and Soil Gas Monitoring Wells; 02 62 16 Start Up of SVE Systems; 43 13 13.13 Vapor Phase Activated Carbon Adsorption Units

DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. PeneCore Drilling will install 2 new SVE wells and 3 new soil vapor monitoring wells inside Building 123 using a limited-access drill rig. ERRG will install 2 activated carbon adsorption vessels and install the above-ground piping to connect the new and existing wells to the SVE treatment system. Following BAAQMD approval of the start-up plan, ERRG will perform baseline monitoring and complete the pre-commissioning tests and functional performance tests.

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. A courtesy notification letter was submitted to the BAAQMD.

TESTING

IDENTIFY TEST TO BE PERFORMED, FREQUENCY, AND BY WHOM. Pre-commissioning tests and functional performance tests will be performed per Specification 02 62 16, para. 3.2.2. The pre-commissioning checklists and the functional performance test checklists will be completed by the members of the commissioning team (including ERRG's QC Manager, Mechanical Representative, Electrical Representative, and the Contracting Officer's Representative).

WHEN REQUIRED? The pre-commissioning tests and the functional performance tests will be completed prior to start-up of the SVE system.

WHERE REQUIRED? SVE system at Building 123, HPNS, SF

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 AHA for repair and expansion of the existing SVE system.

MEETING COMMENTS

NAVY/ROICC COMMENTS DURING MEETING.

The drill rig will be required to be equipped with 2 kill switches and a cage around the auger.

Air monitoring for carbon monoxide and VOCs will be performed during SVE system installation work.

OTHER ITEMS OR REMARKS

OTHER ITEMS OR REMARKS:

Spencer Slominski — QC MANAGER

11/29/12 — DATE

Shoreline Excavation and Revetment

Date: 11/29/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

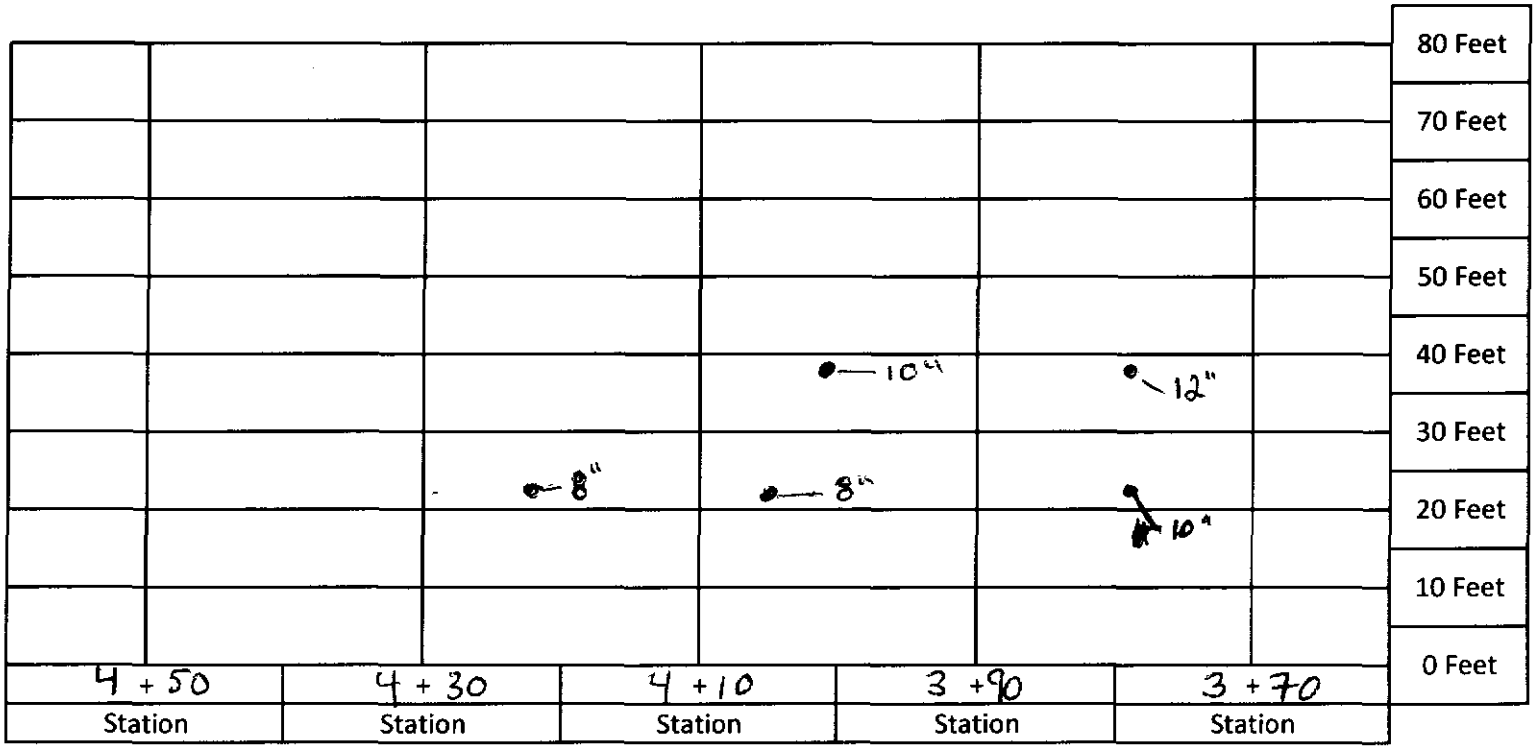
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			Grade checker verified revetment subgrade elevation; checked filter rock thickness
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 11/29/12

Filter Rock Thickness Check Locations

Date: 11/29/12
Checked By: SJ



Top of Revetment

SVE System Installation

Date: 11/29/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contracting Officer been notified at least 72 hours before well drilling and well installation activities are scheduled to begin? (02 05 22, Sec 3.6)	**Prep**	**X**			
Have all submittals for the activated carbon adsorption units been approved prior to delivery to the site? (43 13 13.13, Sec 1.3)	**Prep**	**X**			
Have the shop drawings showing the layout of the SVE system been approved? (43 13 13.13, Sec 1.3.1)	**Prep**	**X**			
Have the manufacturers' certifications for activated carbon been received? (43 13 13.13, Sec 1.3.3)	**Prep**	**X**			
Is SVE well installation overseen by a California-licensed professional civil engineer or certified engineering geologist? (02 05 22, Sec 1.5)	**Initial**				
Have the well casing, well screen, and wellhead fitting materials been checked to verify the products meet the specified requirements prior to installation?	**Initial**				
Has the SVE Start-Up Plan been submitted at least 14 days before initiating start-up? (02 62 16, Sec 1.4.1)	**Initial**				
Is SVE system work overseen by a California-licensed professional engineer? (02 62 16, Sec 1.4.1)	**Initial**				
Are the well casings and well screens installed using flush-joint schedule 40 PVC, installed to the elevations shown on the drawings? (02 05 22, Sec 3.3.2)	**Follow up**				
Has the filter pack been installed using clean sand, placed around the well screen to an elevation of 6-inches above the well screen? (02 05 22, Sec 3.3.4)?	**Follow up**				
Has a minimum 6-inch thick bentonite seal been installed on the SVE wells, and a minimum 12-inch thick bentonite seal been installed on the soil vapor monitoring wells? (02 05 22, Sec 3.3.5)	**Follow up**				
Has non-shrinking cement and bentonite grout been placed in one continuous operation into the annulus above the bentonite seal to the ground surface? (02 05 22, Sec 3.3.6)	**Follow up**				
Was the alignment of the well confirmed by passing a 5 foot long section of rigid PVC pipe 1/4 inch smaller in diameter than the inside diameter of the casing through the entire well? (02 05 22, Sec 3.3.6)	**Follow up**				
Is the well identification clearly written or attached to each well in a manner that it cannot be removed? (02 05 22, Sec 3.3.7)	**Follow up**				
Have the drill rods, bits, augers, temporary casing, development equipment, tremie pipes, grout lines, and all associated equipment been decontaminated between each boring? (02 05 22, Sec 3.2.1)	**Follow up**				
Was all the drilling waste properly containerized? (02 05 22, Sec 3.3.8)	**Follow up**				
Have the horizontal coordinates and elevation of each well casing been surveyed by a California-licensed surveyor?	**Follow up**				
Have a minimum of 2 activated carbon adsorption vessels been installed in series, connected with piping such that either vessel can be operated as the lead or lag vessel? (43 13 13.13, Sec 2.2.3)	**Follow up**				

Requirement	Phase	Yes	No	N/A	Comments
Have the adsorption vessels been filled with the type of granular activated carbon in the approved submittal for activated carbon? (43 13 13.13, Sec2.2)	**Follow up**				
Have the adsorption vessels been anchored to a footing isolated from the floor slab, or mounted on a skid base (43 13 13.13, Sec 3.2)?	**Follow up**				
Has the SVE wellhead piping been installed as shown on the drawings?	**Follow up**				
Have pressure gauges, thermometers, and sample ports been installed on the SVE piping as shown on the drawings?	**Follow up**				
Have all products been inspected for defects (43 13 13.13, Sec 3.3.1)?	**Follow up**				
Have all operating mechanisms been checked for proper functioning? (43 13 13.13, Sec 3.1.3)	**Follow up**				
Has baseline monitoring (ambient weather, soil gas monitoring, and groundwater levels) been completed prior to SVE system start-up (02 62 16, Sec 3.1)?	**Follow up**				
Have the pre-commissioning checklists been completed prior to SVE start-up? (02 62 16, Sec 3.2.2a)	**Follow up**				
Have the Functional Performance Tests Checklists been completed? (02 62 16, Sec 3.2.2b)	**Follow up**				
Receivables					
Material properties sheet					
Manufacturers QC Manual					
QC Certification					
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
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: 11/29/12

Name: Brian Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	11/29/12	Date	11/29/12
Time	1920	Time	1933
DO (mg/L)	6.85	DO (mg/L)	7.02
pH	8.45	pH	10.30
Turbidity (NTU)	219	Turbidity (NTU)	134
Temperature (°C)	14.28	Temperature (°C)	14.30

YSI Meter 3-Pt. pH Calibration Table

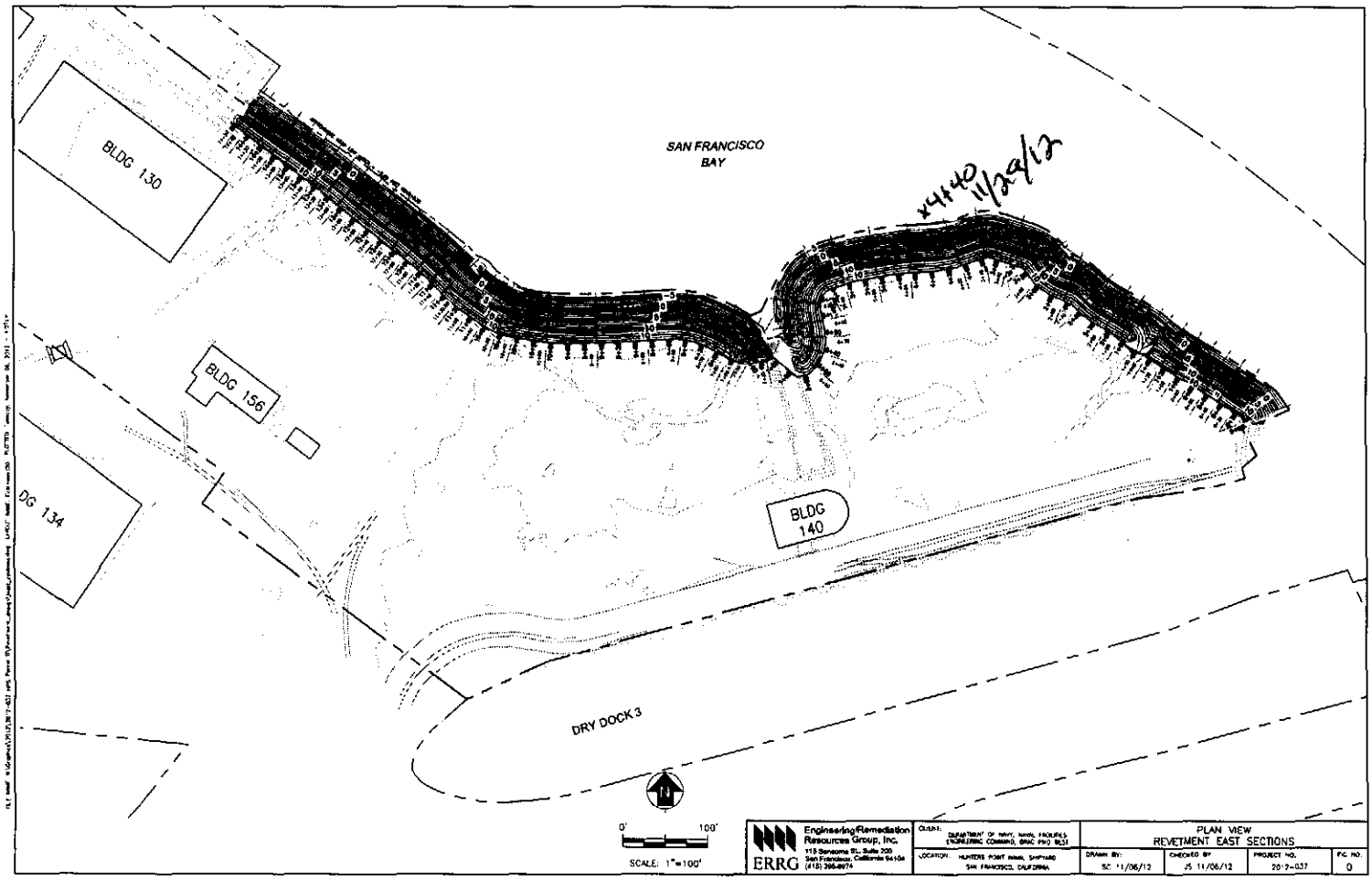
1st pH	4.00
Reading	4.02
2nd pH	7.00
Reading	7.04
3rd pH	10.00
Reading	10.01

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature: BKr

Date: 11/29/12



Engineering/Remediation Resources Group, Inc.
115 Sonoma St., Suite 200
San Francisco, California 94104
(415) 399-9979
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO BC51

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY	PROJECT NO.	FIG. NO.
SC 11/06/12	JS 11/06/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 3+65 and 4+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 29, 2012

Photo 2: Shoreline Excavation and Revetment – Filter rock layer placed over geotextile fabric between stations 3+65 and 4+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 29, 2012

Photo 3: Shoreline Excavation and Revetment – Placement of riprap between stations 3+65 and 4+25

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 29, 2012

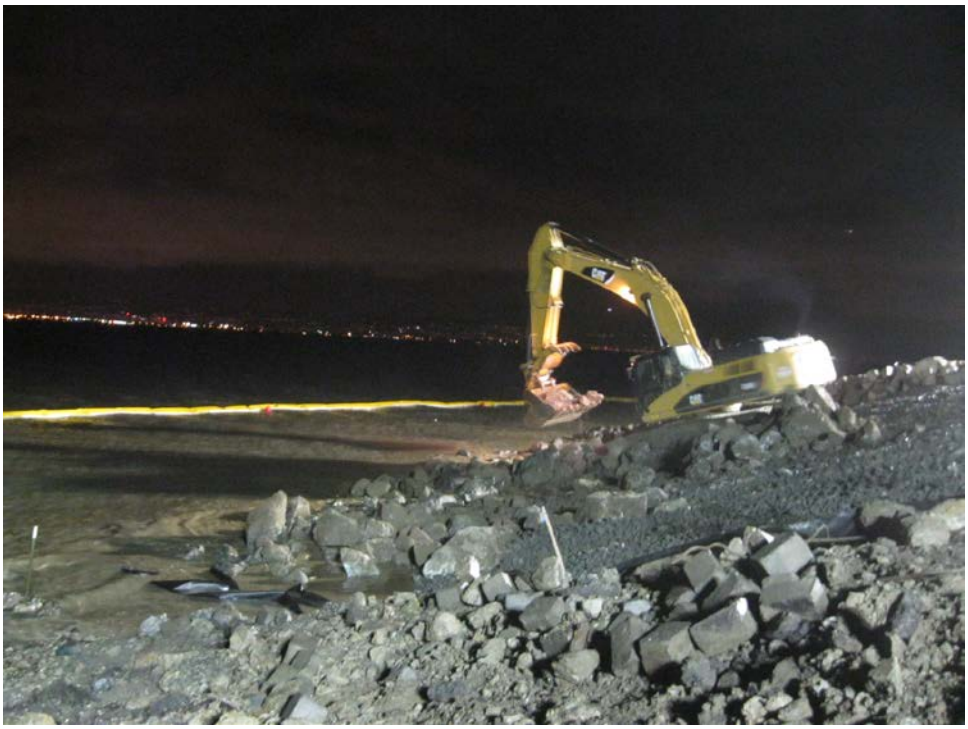


Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 3+65 and 4+25

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: November 29, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 3/12/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	019

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Rain/Cool	64	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Perform daily tailgate briefing, review AHA for drilling. Drilling sub did not have	ERRG	1	Superintendent	8
	safety cage on site, ERRG H&S would not let them start until all safety devices	ERRG	1	Construction Manager	0
	were in place per the AHA. Sub hand augered in the well locations to clear	ERRG	1	Project Manager	0
	utilities and any obstructions. Sub also informed us that the concrete cores	ERRG	1	QC Manager	8
	for the wells were too small. Will need to have the concrete cores widened to	ERRG	1	H&S Officer	8
	facilitate the hollow stem auger. Sub Continued hand augering. ERRG labor	ERRG	2	QC Staff	16
	constructing well heads. Reschedule work for Wed 12/5/12, will have concrete	ERRG	0	Equipment Operators	0
	coring sub on site to widen holes and all safety equipment in place at that time.	ERRG	1	Laborers	4
		ERRG	0	Truck Driver	0
		ERRG	2	Field Geologists	16
		Penecore	3	Drilling Sub	20

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	80
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2622.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2702.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, AHA review for 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
02	ERRG	70KW Generators (2 ea)	0
02	Harris Blade	Cat 330 Excavator	0
02	ERRG	JD 644 Loader	0
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	0
02	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores — 12/03/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 3/12/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	019 cont.

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Rain/Cool	64	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	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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	0
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	0
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	0
02	United Rentals	4 light towers	0
02	ERRG	JD 200 Excavator	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT — 12/03/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/3/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK DRILLING, REPAIR & EXPANSION OF EXISTING SVE SYSTEM

SAFETY TOPICS PRESENTED

SAFETY TOPICS DRILLING, EQUIPMENT, STYF

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 LOZA	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Sloming	ERRG	[signature]
[illegible]	ERRG	[signature]
DAVIDT BEHNKEN	ERRG	[signature]
[illegible]	[illegible]	[signature]
Sean [illegible]	[illegible]	[signature]
Mikey [illegible]	ERRG	[signature]
[illegible]	[illegible]	[signature]

Health & Safety Officer Richard Epp **SUPERINTENDENT** James Nores

SIGNATURE [signature] **SIGNATURE** [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 15 Repair & Expansion of SVE System

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	12/3/12 0700
Site Safety and Health Officer:	RICHARD EPP	[signature]	12/3/12 0700
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	12/3/12 0700
Employee(s):	FERNANDO LOZA	[signature]	12/3/12 0700
	Spencer Johnson	[signature]	12/3/12 0700
	brifooter	[signature]	12-3-12 @0700
	NORMAN DENBERRY	[signature]	12-3-12 0700
	Sean Alvarido	[signature]	12-3-12 07:00
	DAVID BEHNKEN	[signature]	12/3-12 07:00
	Mike Babost	[signature]	12/3/12 0700
	[illegible]	[signature]	12/2-12 12:00

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	12/3/12
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:

BEGAN WELL DRILLING AND FABRICATION OF WORK HOODS.

NO DUST OR AIRBORNE CONTAMINATION RECORDED.

Signed: [signature] Date: 12/3/12

ERRG

AIR MONITORING LOG SHEET

ERRG

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

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
BLDG 123-SUB					
WELL DRILLING	12/3/12	0825	0.000	0.000	
MONITOR # 1008		0920	0.000	0.000	
		1015	0.000	0.001	
		1120	0.005	0.002	
		1205	0.000	0.002	
		1345	0.000	0.000	
		1458	0.005	0.000	
		1607	0.008	0.003	

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 3/12/12

REPORT NO 019

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
06	PeneCore Drilling used a hand-auger to perform utility and obstruction clearance in the locations of the 3 new SVE wells and 2 new soil
	vapor monitoring wells inside Building 123. A concrete obstruction was encountered at a depth of approximately 3 ft below ground surface.
	The drill rig was not equipped with a safety cage for auger; therefore, the drill rig was not operated. Well drilling will be suspended until a safety
	cage is mobilized to the site.
	ERRG began assembling the SVE wellhead piping.
	Verified that construction activities complied with the SVE System 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

12/03/12 — 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

SVE System Installation

Date: 12/03/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contracting Officer been notified at least 72 hours before well drilling and well installation activities are scheduled to begin? (02 05 22, Sec 3.6)	**Prep**	**X**			
Have all submittals for the activated carbon adsorption units been approved prior to delivery to the site? (43 13 13.13, Sec 1.3)	**Prep**	**X**			
Have the shop drawings showing the layout of the SVE system been approved? (43 13 13.13, Sec 1.3.1)	**Prep**	**X**			
Have the manufacturers' certifications for activated carbon been received? (43 13 13.13, Sec 1.3.3)	**Prep**	**X**			
Is SVE well installation overseen by a California-licensed professional civil engineer or certified engineering geologist? (02 05 22, Sec 1.5)	**Initial**	**X**			
Have the well casing, well screen, and wellhead fitting materials been checked to verify the products meet the specified requirements prior to installation?	**Initial**	**X**			Wellhead piping material is onsite; well casing and well screen materials will be checked upon delivery
Has the SVE Start-Up Plan been submitted at least 14 days before initiating start-up? (02 62 16, Sec 1.4.1)	**Initial**			**X**	
Is SVE system work overseen by a California-licensed professional engineer? (02 62 16, Sec 1.4.1)	**Initial**	**X**			
Are the well casings and well screens installed using flush-joint schedule 40 PVC, installed to the elevations shown on the drawings? (02 05 22, Sec 3.3.2)	**Follow up**			**X**	
Has the filter pack been installed using clean sand, placed around the well screen to an elevation of 6-inches above the well screen? (02 05 22, Sec 3.3.4)?	**Follow up**			**X**	
Has a minimum 6-inch thick bentonite seal been installed on the SVE wells, and a minimum 12-inch thick bentonite seal been installed on the soil vapor monitoring wells? (02 05 22, Sec 3.3.5)	**Follow up**			**X**	
Has non-shrinking cement and bentonite grout been placed in one continuous operation into the annulus above the bentonite seal to the ground surface? (02 05 22, Sec 3.3.6)	**Follow up**			**X**	
Was the alignment of the well confirmed by passing a 5 foot long section of rigid PVC pipe 1/4 inch smaller in diameter than the inside diameter of the casing through the entire well? (02 05 22, Sec 3.3.6)	**Follow up**			**X**	
Is the well identification clearly written or attached to each well in a manner that it cannot be removed? (02 05 22, Sec 3.3.7)	**Follow up**			**X**	
Have the drill rods, bits, augers, temporary casing, development equipment, tremie pipes, grout lines, and all associated equipment been decontaminated between each boring? (02 05 22, Sec 3.2.1)	**Follow up**				
Was all the drilling waste properly containerized? (02 05 22, Sec 3.3.8)	**Follow up**	**X**			
Have the horizontal coordinates and elevation of each well casing been surveyed by a California-licensed surveyor?	**Follow up**			**X**	
Have a minimum of 2 activated carbon adsorption vessels been installed in series, connected with piping such that either vessel can be operated as the lead or lag vessel? (43 13 13.13, Sec 2.2.3)	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have the adsorption vessels been filled with the type of granular activated carbon in the approved submittal for activated carbon? (43 13 13.13, Sec2.2)	**Follow up**			**X**	
Have the adsorption vessels been anchored to a footing isolated from the floor slab, or mounted on a skid base (43 13 13.13, Sec 3.2)?	**Follow up**			**X**	
Has the SVE wellhead piping been installed as shown on the drawings?	**Follow up**	**X**			Began assembly of wellhead piping prior to installation at each well
Have pressure gauges, thermometers, and sample ports been installed on the SVE piping as shown on the drawings?	**Follow up**			**X**	
Have all products been inspected for defects (43 13 13.13, Sec 3.3.1)?	**Follow up**			**X**	
Have all operating mechanisms been checked for proper functioning? (43 13 13.13, Sec 3.1.3)	**Follow up**			**X**	
Has baseline monitoring (ambient weather, soil gas monitoring, and groundwater levels) been completed prior to SVE system start-up (02 62 16, Sec 3.1)?	**Follow up**			**X**	
Have the pre-commissioning checklists been completed prior to SVE start-up? (02 62 16, Sec 3.2.2a)	**Follow up**			**X**	
Have the Functional Performance Tests Checklists been completed? (02 62 16, Sec 3.2.2b)	**Follow up**			**X**	
Receivables					
Material properties sheet					
Manufacturers QC Manual					
QC Certification					
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
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: 12/03/12

Photo 1: SVE System Installation – Location of well IR10SG78 inside Building 123 where hand-augering was performed

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 3, 2012

Photo 2: SVE System Installation – Drums containing the waste soil generated during hand-augering for the SVE and soil vapor monitoring wells

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 3, 2012

Photo 3: SVE System Installation – Assembly of the SVE wellhead piping
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 3, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 5/12/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	020

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Cloudy/Cool	64	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Perform daily tailgate briefing, review AHA for drilling. Drilling sub on site to	ERRG	1	Superintendent	8
	continue with well installation. Install 3 wells today. Work will continue	ERRG	1	Construction Manager	0
	tomorrow. Concrete coring sub on site in AM to widen the core holes to	ERRG	1	Project Manager	4
	accommodate the hollow stem auger.	ERRG	1	QC Manager	8
		ERRG	1	H&S Officer	8
02	ERRG crew on site to move the rip rap staged in the barge unloading are of	ERRG	2	QC Staff	16
	dry dock 3. Load rip rap with excavator into off road dump truck and stage	ERRG	1	Equipment Operators	5
	adjacent to the current work area. Clear the barge unloading area for tomorrow.	ERRG	2	Laborers	6
	Barge with material arriving at 0700. On site meeting with ERRG PM, Navy	ERRG	1	Truck Driver	5
	RPM and 2 personnel from ITSI to discuss revetment near TPH area.	ERRG	2	Field Geologists	16
		Penecore	3	Drilling Sub	24

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	103
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2702.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2805.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☒ SAFETY REQUIREMENTS HAVE BEEN MET.
06	Tailgate safety briefing, AHA review for 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
02	ERRG	70KW Generators (2 ea)	0
02	Harris Blade	Cat 330 Excavator	5
02	ERRG	JD 644 Loader	0
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	0

Schedule Activity No.	REMARKS

James Nores — 12/05/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 5/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 020 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Cloudy/Cool	64	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
		Osbourne Coring	1	Concrete coring sub	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
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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	5
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	0
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	0
02	United Rentals	4 light towers	0
02	ERRG	JD 200 Excavator	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/05/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/5/12 **TIME** 0630 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SVE WELLS & PIPING SYSTEMS, CONCRETE CUTTING, MOVING MATERIAL (RIPRAP) AT DRYDOCK #3, PUMPING WATER

SAFETY TOPICS PRESENTED

SAFETY TOPICS SILICA, EQUIPMENT, RAIN, MUD, DRILLING

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

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
Rob Osborne	Osborne's Coring	[signature]
Tancy Green	ERRG	[signature]
King Bailey	ERRG	[signature]
[illegible]	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Boris [illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Mike Bogart	ERRG	[signature]
Norman Denbury	PENECORE	[signature]
[illegible]	Penecore	[signature]
Juan Torres	Penecore	Juan Torres
JOHN SOURIAL	ERRG	[signature]
DAVID T. BEHNKEN	ERRG	[signature]

Health & Safety Officer Richard Epp **SUPERINTENDENT** James Nores

SIGNATURE [signature] **SIGNATURE** [signature]

ERRG 2012-037

VISITORS LOG

NAME PRINTED	DATE	COMPANY	SIGNATURE
[illegible]	11/14/12	[illegible]	[illegible]
PETER LOURRIDGE		ERRG	[illegible]
ALAN MOELLERLEIGE		ERRG	[illegible]
EMILY JACKSON		ERRG	[illegible]
Christine Wang		ERRG	[illegible]
Claire Walker		ERRG	[illegible]
PETER STROGANOFF	15 NOV 12	ROICC	[illegible]
ROSS STEENSON	16 NOV 12	CA REGIONAL WATER BOARD	[illegible]
DAVE DELONG	16 NOV 12	NAVY DRAC	[illegible]
MATTHEW PENA	11-26-12	TRACER	[illegible]
Wes LASSETER	11-26-12	TRACER	[illegible]
Brandon Connelly	11-29-12	Klein Felder	[illegible]
Mark Lee	11-29-12	Kleinfelder	[illegible]
[illegible]		ERRG	[illegible]
[illegible]	11-29-12	ERRG	[illegible]
[illegible]	12/5/12	NAVY	[illegible]
DAVID BEHNKEN	12/5/12	ERRG	[illegible]
ARVIND ACHARYA	12/5/12	ITSI	[illegible]
Ken Leonard	12/5/12	ITSI	[illegible]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#6 IMPORTED MATERIAL

Project #: 2012-037

AHA #: 15 SVE SYSTEM INSTALLATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	12/5/12 @ 0630
Site Safety and Health Officer:	RICHARD EPP	[signature]	12/5/12 @ 0630
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	12/5/12 0630
Employee(s):	Rob Osborne	[signature]	12-5-12 0630
	Tommy Green	[signature]	12-5-12 - 630
	King Bailey	[signature]	12-5-12 - 0630
	brifoster	[signature]	12/5/12 0630
	Spencer Johnson	[signature]	12/5/12 0630
	FERNANDO LOZA	[signature]	12/5/12 0630
	Boris Porsche	[signature]	12/5/12 06:30
	Mike Babyt	[signature]	12/5/12 630
	NORMAN DENBERRY	[signature]	12-5-12 07:30
	Juan Torres	Juan Torres	12-5-12 7:30
	Heriberto Ramirez	[signature]	12-5-12 7:30

ERRG

AIR MONITORING LOG SHEET

ERRG

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

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
BLDG 123, SVE WELL	12/5/12	0654	0.000	0.000	
DRILLING, CORE DRILLING		0755	0.000	0.000	
METER # 1008		0800	HIGH	HIGH	* WELL DRILLING
	MACHINE DRIVEN INTO AREA, TRUCKS KICKED UP FROM DUST/DIRT INTO				
	EXHAUST THAT BLEW DIRECTLY ON DUST METER. WHEN DRILLER MOMENT				
	STOPPED READINGS →		0.000	0.030	
		0845	0.007	0.007	
		0930	0.045	0.026	
		1024	0.000	0.019	
		1207	0.000	0.013	
		1315	—	—	BATTERY DEAD
		1320	0.000	0.000	
		1439	0.000	0.000	
		1520	0.000	0.000	
		1555	0.042	0.002	END OF WORK

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 5/12/12

REPORT NO 020

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
02	Moved the riprap stockpile out of the barge offloading area and staged riprap adjacent to the revetment work area.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
06	Osbourne Coring enlarged holes through the concrete slab to fit the required diameter for the hollow stem auger.
	PeneCore Drilling set up hollow-stem auger drill rig with the required safety equipment. Installed 2 SVE wells and 1 nested soil vapor
	monitoring well (including placement of schedule 40 well screen and well casing, filter pack, and grout).
	Verified that construction activities complied with the SVE System 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
02	A site walk to discuss the TPH contamination discovered adjacent to station 13+20 was attended by the Navy RPM, ERRG PM, and ITSI
	personnel.

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

12/05/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/05/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**			**X**	No revetment was constructed today
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**			**X**	
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**			**X**	
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**			**X**	
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**			**X**	
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**			**X**	
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**			**X**	
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**			**X**	
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**			**X**	
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**			**X**	
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**			**X**	
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**			**X**	
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**			**X**	
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**				
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**			**X**	
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**			**X**	
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**			**X**	
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**			**X**	
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**			**X**	
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**			**X**	
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**			**X**	
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**			**X**	
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**			**X**	
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/05/12

SVE System Installation

Date: 12/05/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contracting Officer been notified at least 72 hours before well drilling and well installation activities are scheduled to begin? (02 05 22, Sec 3.6)	**Prep**	**X**			
Have all submittals for the activated carbon adsorption units been approved prior to delivery to the site? (43 13 13.13, Sec 1.3)	**Prep**	**X**			
Have the shop drawings showing the layout of the SVE system been approved? (43 13 13.13, Sec 1.3.1)	**Prep**	**X**			
Have the manufacturers' certifications for activated carbon been received? (43 13 13.13, Sec 1.3.3)	**Prep**	**X**			
Is SVE well installation overseen by a California-licensed professional civil engineer or certified engineering geologist? (02 05 22, Sec 1.5)	**Initial**	**X**			
Have the well casing, well screen, and wellhead fitting materials been checked to verify the products meet the specified requirements prior to installation?	**Initial**	**X**			Casing for the soil vapor monitoring probes is ¾ inch diameter;
Has the SVE Start-Up Plan been submitted at least 14 days before initiating start-up? (02 62 16, Sec 1.4.1)	**Initial**			**X**	
Is SVE system work overseen by a California-licensed professional engineer? (02 62 16, Sec 1.4.1)	**Initial**	**X**			
Are the well casings and well screens installed using flush-joint schedule 40 PVC, installed to the elevations shown on the drawings? (02 05 22, Sec 3.3.2)	**Follow up**	**X**			
Has the filter pack been installed using clean sand, placed around the well screen to an elevation of 6-inches above the well screen? (02 05 22, Sec 3.3.4)?	**Follow up**	**X**			
Has a minimum 6-inch thick bentonite seal been installed on the SVE wells, and a minimum 12-inch thick bentonite seal been installed on the soil vapor monitoring wells? (02 05 22, Sec 3.3.5)	**Follow up**	**X**			
Has non-shrinking cement and bentonite grout been placed in one continuous operation into the annulus above the bentonite seal to the ground surface? (02 05 22, Sec 3.3.6)	**Follow up**	**X**			
Was the alignment of the well confirmed by passing a 5 foot long section of rigid PVC pipe 1/4 inch smaller in diameter than the inside diameter of the casing through the entire well? (02 05 22, Sec 3.3.6)	**Follow up**				
Is the well identification clearly written or attached to each well in a manner that it cannot be removed? (02 05 22, Sec 3.3.7)	**Follow up**				
Have the drill rods, bits, augers, temporary casing, development equipment, tremie pipes, grout lines, and all associated equipment been decontaminated between each boring? (02 05 22, Sec 3.2.1)	**Follow up**	**X**			
Was all the drilling waste properly containerized? (02 05 22, Sec 3.3.8)	**Follow up**	**X**			
Have the horizontal coordinates and elevation of each well casing been surveyed by a California-licensed surveyor?	**Follow up**				
Have a minimum of 2 activated carbon adsorption vessels been installed in series, connected with piping such that either vessel can be operated as the lead or lag vessel? (43 13 13.13, Sec 2.2.3)	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have the adsorption vessels been filled with the type of granular activated carbon in the approved submittal for activated carbon? (43 13 13.13, Sec2.2)	**Follow up**			**X**	
Have the adsorption vessels been anchored to a footing isolated from the floor slab, or mounted on a skid base (43 13 13.13, Sec 3.2)?	**Follow up**			**X**	
Has the SVE wellhead piping been installed as shown on the drawings?	**Follow up**	**X**			Began assembly of wellhead piping prior to installation at each well
Have pressure gauges, thermometers, and sample ports been installed on the SVE piping as shown on the drawings?	**Follow up**			**X**	
Have all products been inspected for defects (43 13 13.13, Sec 3.3.1)?	**Follow up**			**X**	
Have all operating mechanisms been checked for proper functioning? (43 13 13.13, Sec 3.1.3)	**Follow up**			**X**	
Has baseline monitoring (ambient weather, soil gas monitoring, and groundwater levels) been completed prior to SVE system start-up (02 62 16, Sec 3.1)?	**Follow up**			**X**	
Have the pre-commissioning checklists been completed prior to SVE start-up? (02 62 16, Sec 3.2.2a)	**Follow up**			**X**	
Have the Functional Performance Tests Checklists been completed? (02 62 16, Sec 3.2.2b)	**Follow up**			**X**	
Receivables					
Material properties sheet					
Manufacturers QC Manual					
QC Certification					
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
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: 12/05/12

Photo 1: SVE System Installation – Placing a safety cage for the hollow-stem auger drill rig

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 5, 2012

Photo 2: SVE System Installation – Drilling borehole for SVE well IR10VW24A using a hollow-stem auger drill rig

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 5, 2012

Photo 3: SVE System Installation – New SVE well constructed with 4-inch diameter, schedule 40 PVC casing

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 5, 2012

Photo 4: Shoreline Excavation and Revetment – Stockpile of riprap staged adjacent to the work area

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 5, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 6/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 021

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Cloudy/Cool	64	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
06	Perform daily tailgate briefing, review AHA for drilling. Drilling sub on site to	ERRG	1	Superintendent	8
	finish with well installation. Install 2 wells today.	ERRG	1	Construction Manager	0
		ERRG	1	Project Manager	0
02	Import rip rap by barge today and 4" filter rock by truck, 14 trucks in the loop	ERRG	1	QC Manager	8
	today. ERRG crew at tire wash and street sweeping. Second ERRG crew	ERRG	1	H&S Officer	8
	maintaining filter rock stockpile and moving material where needed along	ERRG	2	QC Staff	20
	revetment sections not yet constructed.	ERRG	2	Equipment Operators	9
		ERRG	4	Laborers	27
		ERRG	1	Truck Driver	4
		ERRG	1	Field Geologists	8
		Penecore	3	Drilling Sub	18

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	157
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2806.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	2963.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED
06	Tailgate safety briefing, AHA review for drilling
02	AHA review for barge unloading and material import by truck

☑ 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
02	008	41 loads (911.44 tons) 4" filter rock
02	008	2055 tons rip rap

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
02	ERRG	70KW Generators (2 ea)	0
02	Harris Blade	Cat 330 Excavator	5
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	4
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/06/12 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 6/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 021 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Cloudy/Cool	64	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
		Jerico	3	Barge Unloading Crew	39
		ESP	2	Surveyors	8

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	5
02	ERRG	JD 310 Backhoe	0
02	Harris Blade	Cat D5M Dozer	0
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	0
02	United Rentals	4 light towers	0
02	ERRG	JD 200 Excavator	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/06/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/6/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK COMPLETE SVE INSTALL, IMPORT MATERIAL BY BARGE AND TRUCK

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, STIFF, WORKING NEAR WATER, EQUIPMENT, TRUCKS

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

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]
[illegible]	[illegible]	[illegible]
NORMAN DEWBERRY	PENECORE	[illegible]
DAVID T. BEHNKEN	ERRG	[illegible]
Juan Torres	Penecore	Juan Torres
[illegible]	[illegible]	[illegible]
Fernando Lozo	ERRG	[illegible]
Boris Portillo	ERRG	Boris Portillo
ENRIQUE MARTINEZ	ERRG	[illegible]
Samantha Cantos-Kuglo	ERRG	[illegible]
Spencer Slonaghi	ERRG	[illegible]
Spencer Johnson	ERRG	[illegible]
GRANT FUNNOD	HARRIS	[illegible]
Greg Dale	~~ERRG~~ JERICO	[illegible]
Ray Coating	~~ERRG~~ JERICO	[illegible]
Phill Pinely	~~ERRG~~ JERICO	[illegible]
SAM ESPINOSA	ESP	[illegible]
Juan Lavato	ESP	[illegible]

Health & Safety Officer Richard Epp **SUPERINTENDENT** James Nores

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

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#6 IMPORT BY BARGE

Project #: 2012-037

AHA #: #15 SVE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		12/6/12 0700
Site Safety and Health Officer:	RICHARD EPP		12/6/12 0700
Construction Quality Control Manager:	SPENCER SLOMINSKI		12/6/12 0700
Employee(s):			
King Bailey	King Bailey		12-6-12 · 0600
Raul Rodriguez	Raul Rodriguez		12-6-12 0700
#SUE QC SPECIALIST.	DAVID BOEHNKEN		12/6/12 0700
PENECORE	NORMAN DEWBERRY		12-6-12 0700
Penecore	Juan Torres	Juan Torres	12-6-12 7:00
Penecore	Heriberto Ramirez		12-6-12 7:00
Fernando Loza	Fernando Loza		12-6-12 - 700
~~Crane Operator~~	Boris Portillo		12-6-12 0700
	ENRIQUE MARTINEZ		12-6-12 - 0700
	Samantha Cambray Kyle		12/6/12 0705
	Spencer Johnson		12/6/12 0700
	Greg DeCrow		12/6/12 0700
	Ray Gates		12-6-12 0700
	Phill Phinely		12-6-12 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	12/6/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY AM, SUNNY	Page:	1 of 1
Site Visitors:	KLEINFELDERS		

Description of Field Activities:

UNLOADING RIP RAP FROM BARGE.

FILTER ROCK DELIVERED BY TRUCK.

TIRE WASH STATION IN DAMAGE AT RUMBLE STRIP, STREET SWEEPER & WATER TRUCK ON GALVEZ.

KLEINFELDER PICKUP ON SITE, STATED THEY WOULD BE READING WELLS TOMORROW.

SVE SYSTEM WELLS COMPLETED.

SURVEYORS ON SITE, SETTING SHORELINE GRADES FOR UPCOMING WORK.

EQUIPMENT – STREET SWEEPER, 2 WATER TRUCKS, 950 LOADER, 2 KUBOTAS

Signed: _____ Date: 12/6/12

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/6/12

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
MOTOR # 1161 UPWIND	12/6/12	0749	0.021	0.021	
ON DONAHUE		0923	0.029	0.019	
		1040	0.018	0.027	
		1202	0.037	0.036	
		1433	0.055	0.043	
		1546	0.046	0.044	
MOTOR # 1003 WORKAREA	12/6/12	0731	0.026	0.025	
IN BLDG 123 AT SVE		0827	0.074	0.027	
WELL LOCATION		0907	0.025	0.025	
		0950	0.013	0.022	
		1055	0.033	0.021	
		1147	0.010	0.025	
		1238	0.012	0.028	WORK COMPLETE
MOTOR # 10973 DOWNWIND	12/6/12	0759	0.028	0.037	
		0932	0.026	0.028	
		1047	0.032	0.027	
		1209	0.024	0.025	
		1440	0.031	0.027	
		1554	0.034	0.027	

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: MANLIFT **Identification Number:** ~~[illegible]~~ 363642

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

Inspected By / Date:	11-13-12			11-15-12			11-29-12									
Daily Hours:	05409.5			5410.6			5411.4									
	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	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	R/S wheel drive leaking
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	■ EM	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
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: John Deere Loader 644J **Identification Number:** _____

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

Inspected By / Date:	11-17-12 JG	11-18-12 JG	11-19-12 JG	11-26-12 JG	11-27-12 JG	
Daily Hours:	3694.5	3698.4	3702.5	37	3709.1	
	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	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	Lights Fixed
Tracks	☐ ☐ ☑	☐ ☐ ☑	☐ ☐ ☑	☐ ☐ ☑	☐ ☐ ☑	bolts [redacted] Broke
Steps and handgrips	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	on cutting edge of
Guards on moving parts?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☐ ☑ ☐	bucket 11-26
Engine belts and hoses	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Fluid levels acceptable?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Loading/lifting capacity marked?	☐ ☐ ☑	☐ ☐ ☑	☐ ☐ ☑	☐ ☐ ☑	☐ ☐ ☑	
Seat belt operative?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Fire extinguisher present?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Windows and mirrors unbroken?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Gauges operative?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Battery charged?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Windshield wipers operative?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Horn operative?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Back up alarm operative?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Lights and signals operative?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Steering and other controls	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
Brakes	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	

Explain corrective actions taken: Lights Fixed
Bolts ~~sheared~~ on cutting edge broke. Fixed 11-27-12

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: John Deere 644 Loader **Identification Number:** _____

Project Number / Name: HPNS4 SF **Rental** ☐ **ERRG** ☑

Inspected By / Date:	11-28-12 JH			11-29-12 JH			11-30-12 JH									
Daily Hours:	3715.0			3721.3			3728.4									
	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: 735 HAUL TRUCK **Identification Number:** M1539.7

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

Inspected By / Date:	FL 11-17-12			FL 11-18-12			FL 11-19-12									**Defect(s):**
Daily Hours:	2973.9			2980.6			2985.5									
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: SMALL DAMAGE ON REAR TIRES.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 HAUL TRUCK **Identification Number:** M15397

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

Inspected By / Date:	FL 11-26-12			11-27-12			11-28-12			11-29-12			11-30-12			Defect(s):
Daily Hours:	2992.6			3000.4			3008.2			3016.0			3023.6			
	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: DAMAGED REAR TIRES, TAILLIGHTS DON'T WORK!

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT D5 Dozer **Identification Number:** _____

Project Number / Name: HANSY SF **Rental** ☑ **ERRG** ☐

Inspected By / Date:	11-26-12 JA			11-27-12 JA			11-28-12 JA			11-29-12 JA			11-30-12 JA			
Daily Hours:	5483.8			5485.0			5486.8			5487.8			5489			
	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: 330 Excavator **Identification Number:** _____

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

Inspected By / Date:	11/26			11/27 BP			11/28 BP			11/29 BP			11/30 BP			
Daily Hours:	1851			1858			1865			1873			1880			
	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: Swing motor low in oil

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW1078

Project Number / Name: HPNS Ponton B **Rental** ☐ **ERRG** ☒

Inspected By / Date:	RVO 11/26/12	RVO 11/27/12	JR 11/28/12	EK 11/29/12	11/30/12	
Daily Hours:	900.2	902.2	903.8	905.1	906.5	
	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	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
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?	☐ ☑ ☐	☐ ☑ ☐	☐ ☑ ☐	☐ ☑ ☐	☐ ☑ ☐	Horn occasionally inop
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: KUBOTA **Identification Number:** TW11079

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

Inspected By / Date:	11-26-12			11-27-12			11-28-12			11-29-12			12-30-12			
Daily Hours:	10675 KIKI			10687 KIKI			10712			10721			10743			
	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: MOBIL SWEEPER **Identification Number:** _____

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

Inspected By / Date:	12-6-12, Kiki														**Defect(s):**
Daily Hours:	13002, 8														
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: WATER TRUCK **Identification Number:** 5986

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

Inspected By / Date:	12-6-12 HO5795,6														
Daily Hours:	[redacted] KiKi														
	HO 6795,6 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: DENT ON CAB RIGHT SIDE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 6/12/12

REPORT NO 021

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
02	Imported riprap material by barge and imported filter rock material by truck (see Contractor Production Report for quantities). Staged stockpiles
	of filter rock adjacent to the revetment work areas. Decontaminated the tires of haul trucks leaving the site.
	ESP Surveying set grade stakes along the shoreline for revetment construction.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
06	PeneCore Drilling set up hollow-stem auger drill rig with the required safety equipment. Installed 1 SVE well and 1 nested soil vapor
	monitoring well (including installation of schedule 40 well screen and well casing, placement of filter pack, placement of bentonite and grout,
	and installation of surface completions).
	Verified that construction activities complied with the SVE System 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
02	Klienfelder personnel were on site to collect groundwater elevation measurements from Parcel B monitoring wells.

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

12/06/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/06/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			Verified that correct filter rock and riprap materials were delivered
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**			**X**	No revetment was constructed today; material import only
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**			**X**	
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**			**X**	
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**			**X**	
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**			**X**	
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**			**X**	
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**			**X**	
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**			**X**	
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**			**X**	
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**			**X**	
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**			**X**	
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**			**X**	
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**			**X**	
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**			**X**	
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			Verified that filter rock and riprap were clean upon delivery
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**			**X**	
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**			**X**	
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**			**X**	
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**			**X**	
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**			**X**	
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**			**X**	
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**			**X**	
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**			**X**	
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**			**X**	
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**			**X**	
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/06/12

SVE System Installation

Date: 12/06/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contracting Officer been notified at least 72 hours before well drilling and well installation activities are scheduled to begin? (02 05 22, Sec 3.6)	**Prep**	**X**			
Have all submittals for the activated carbon adsorption units been approved prior to delivery to the site? (43 13 13.13, Sec 1.3)	**Prep**	**X**			
Have the shop drawings showing the layout of the SVE system been approved? (43 13 13.13, Sec 1.3.1)	**Prep**	**X**			
Have the manufacturers' certifications for activated carbon been received? (43 13 13.13, Sec 1.3.3)	**Prep**	**X**			
Is SVE well installation overseen by a California-licensed professional civil engineer or certified engineering geologist? (02 05 22, Sec 1.5)	**Initial**	**X**			
Have the well casing, well screen, and wellhead fitting materials been checked to verify the products meet the specified requirements prior to installation?	**Initial**	**X**			Casing for the soil vapor monitoring probes is ¾ inch diameter;
Has the SVE Start-Up Plan been submitted at least 14 days before initiating start-up? (02 62 16, Sec 1.4.1)	**Initial**			**X**	
Is SVE system work overseen by a California-licensed professional engineer? (02 62 16, Sec 1.4.1)	**Initial**	**X**			
Are the well casings and well screens installed using flush-joint schedule 40 PVC, installed to the elevations shown on the drawings? (02 05 22, Sec 3.3.2)	**Follow up**	**X**			
Has the filter pack been installed using clean sand, placed around the well screen to an elevation of 6-inches above the well screen? (02 05 22, Sec 3.3.4)?	**Follow up**	**X**			
Has a minimum 6-inch thick bentonite seal been installed on the SVE wells, and a minimum 12-inch thick bentonite seal been installed on the soil vapor monitoring wells? (02 05 22, Sec 3.3.5)	**Follow up**	**X**			
Has non-shrinking cement and bentonite grout been placed in one continuous operation into the annulus above the bentonite seal to the ground surface? (02 05 22, Sec 3.3.6)	**Follow up**	**X**			
Was the alignment of the well confirmed by passing a 5 foot long section of rigid PVC pipe 1/4 inch smaller in diameter than the inside diameter of the casing through the entire well? (02 05 22, Sec 3.3.6)	**Follow up**				
Is the well identification clearly written or attached to each well in a manner that it cannot be removed? (02 05 22, Sec 3.3.7)	**Follow up**		**X**		Well identification to be installed later
Have the drill rods, bits, augers, temporary casing, development equipment, tremie pipes, grout lines, and all associated equipment been decontaminated between each boring? (02 05 22, Sec 3.2.1)	**Follow up**	**X**			
Was all the drilling waste properly containerized? (02 05 22, Sec 3.3.8)	**Follow up**	**X**			
Have the horizontal coordinates and elevation of each well casing been surveyed by a California-licensed surveyor?	**Follow up**			**X**	
Have a minimum of 2 activated carbon adsorption vessels been installed in series, connected with piping such that either vessel can be operated as the lead or lag vessel? (43 13 13.13, Sec 2.2.3)	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have the adsorption vessels been filled with the type of granular activated carbon in the approved submittal for activated carbon? (43 13 13.13, Sec2.2)	**Follow up**			**X**	
Have the adsorption vessels been anchored to a footing isolated from the floor slab, or mounted on a skid base (43 13 13.13, Sec 3.2)?	**Follow up**			**X**	
Has the SVE wellhead piping been installed as shown on the drawings?	**Follow up**			**X**	
Have pressure gauges, thermometers, and sample ports been installed on the SVE piping as shown on the drawings?	**Follow up**			**X**	
Have all products been inspected for defects (43 13 13.13, Sec 3.3.1)?	**Follow up**			**X**	
Have all operating mechanisms been checked for proper functioning? (43 13 13.13, Sec 3.1.3)	**Follow up**			**X**	
Has baseline monitoring (ambient weather, soil gas monitoring, and groundwater levels) been completed prior to SVE system start-up (02 62 16, Sec 3.1)?	**Follow up**			**X**	
Have the pre-commissioning checklists been completed prior to SVE start-up? (02 62 16, Sec 3.2.2a)	**Follow up**			**X**	
Have the Functional Performance Tests Checklists been completed? (02 62 16, Sec 3.2.2b)	**Follow up**			**X**	
Receivables					
Material properties sheet					
Manufacturers QC Manual					
QC Certification					
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
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: 12/06/12

Photo 1: Shoreline Excavation and Revetment – Offloading riprap material from barge
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 6, 2012

Photo 2: Shoreline Excavation and Revetment – Stockpile of riprap material delivered by barge
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 6, 2012

Photo 3: Shoreline Excavation and Revetment – Delivery of filter rock by truck
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 6, 2012

Photo 4: SVE System Installation – Installing well screen and well casing for nested soil vapor monitoring well IR10SG79
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 6, 2012

Photo 5: SVE System Installation – Completed installation of nested soil vapor monitoring well IR10SG79

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 6, 2012

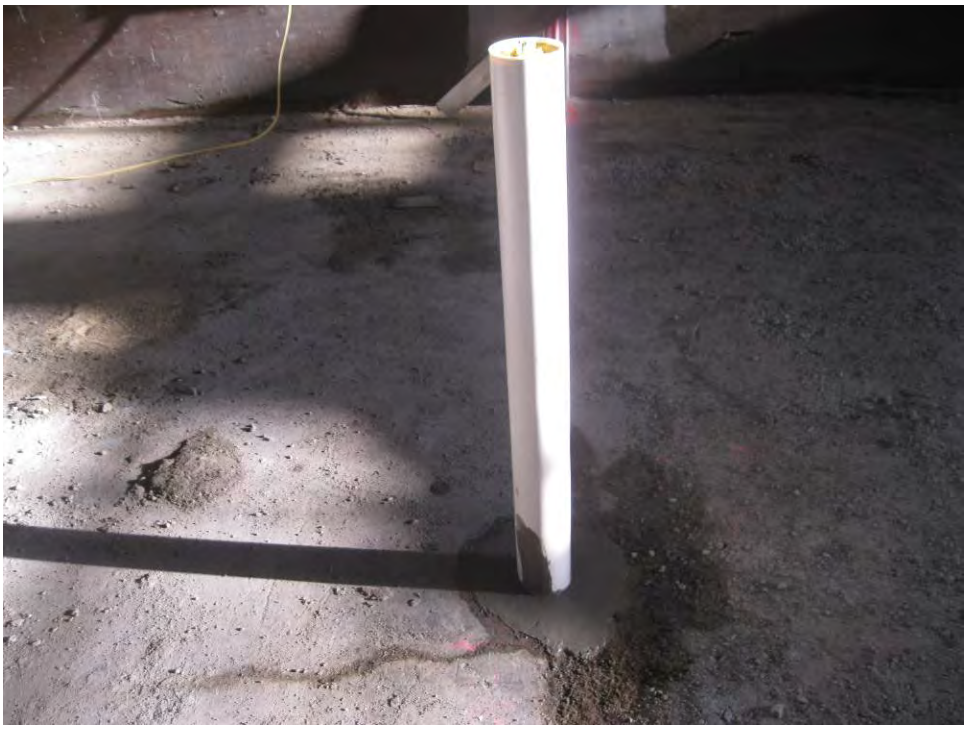


Photo 6: SVE System Installation – Completed installation of SVE well IR10VW25A

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 6, 2012

Photo 7: SVE System Installation – Completed installation of the 3 new SVE wells and 2 new nested soil vapor monitoring wells located inside Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 6, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/12/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	022

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Clear/Cool	68	50

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	8
	for the cut tonight, we will be making the tie in section at the transition from the	ERRG	1	Project Manager	0
	2.5:1 slope to the 4:1 slope. Excavate material to the specified depth, install	ERRG	1	QC Manager	10
	filter fabric with specified overlaps, place 4" filter rock to the specified thickness	ERRG	1	H&S Officer	8
	top with rip rap to the specified thickness. Secure stockpiles, place waddle	ERRG	3	QC Staff	28
	and button up site.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	34
		ERRG	2	Truck Drivers	10

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	136
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	2963.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	3099.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
02		Cat D-4 dozer with slope board

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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	4

Schedule Activity No.	REMARKS
02	Demobilize Cat D-5 dozer today, mobilize Cat D-4 dozer with slope board.

James Nores — 12/10/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 10/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 022 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Clear/Cool	68	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
02	ERRG	JD 210E skiploader	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	3
02	United Rentals	Genie Manlift	1
02	ERRG	Light tower	4
02	United Rentals	4 light towers	16
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/10/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/10/12 **TIME** 1230 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, WORKING NEAR WATER, EQUIPMENT, DARK, STAF

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

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]
King Bailey	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
[illegible]	ERRG	[signature]
P Rodriguez	ERRG	[signature]
Bikerr	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Fernando Lara	ERRG	[signature]
Chris [illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]
[illegible]	ERRG	[signature]

Health & Safety Officer Richard Epp **SUPERINTENDENT** James Nores

SIGNATURE [signature] **SIGNATURE** [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 Shoreline Revetment

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	12/10/12 1230
Site Safety and Health Officer:	RICHARD EPP	[signature]	12/10/12 1230
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	12/10/12 1230
Employee(s):	Toney Green	[signature]	12-10-12 1230
	Kirby Bailey	[signature]	12-10-12 1230
	ENRIQUE MARTINEZ	[signature]	12-10-12 - 1230
	Paul Rodriguez	[signature]	12-10-12 1230
	Brian Kerr	[signature]	12-10-12 1230
	Jim Aguiar	[signature]	12-10-12 1230
	FERNANDO LOZA	[signature]	12-10-12 -1230
	Chris Hay	[signature]	12-10-12 1230
	[illegible]	[signature]	12/10/12 1230
	Spencer Johnson	[signature]	12/10/12 1230
	Mike Barbagl	[signature]	12/10/12 1230

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	12/10/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR / SUNNY	Page:	1 of 1
Site Visitors:			

Description of Field Activities:

EXCAVATE, REMOVE ROCK ON SHORELINE, FABRIC, FILTER ROCK AND RIPRAP PLACED.

LOWEST LIGHT METER READING IN WORK AREA WAS 5.4 Fc.

ALL INSPECTIONS PERFORMED ON EQUIPMENT AND WORK PROCEDURES.

ADJUSTED CAMERA'S ON LIGHT POLES.

EQUIPMENT: 2 EXCAVATORS, WATER TRUCK, OFF-ROAD DUMP TRUCK, BULLDOZER, END LOADER, BOOM LIFT, 2 KUBOTAS, 4 LIGHT TOWERS.

Signed: Richard Epp Date: 12/10/12

ERRG

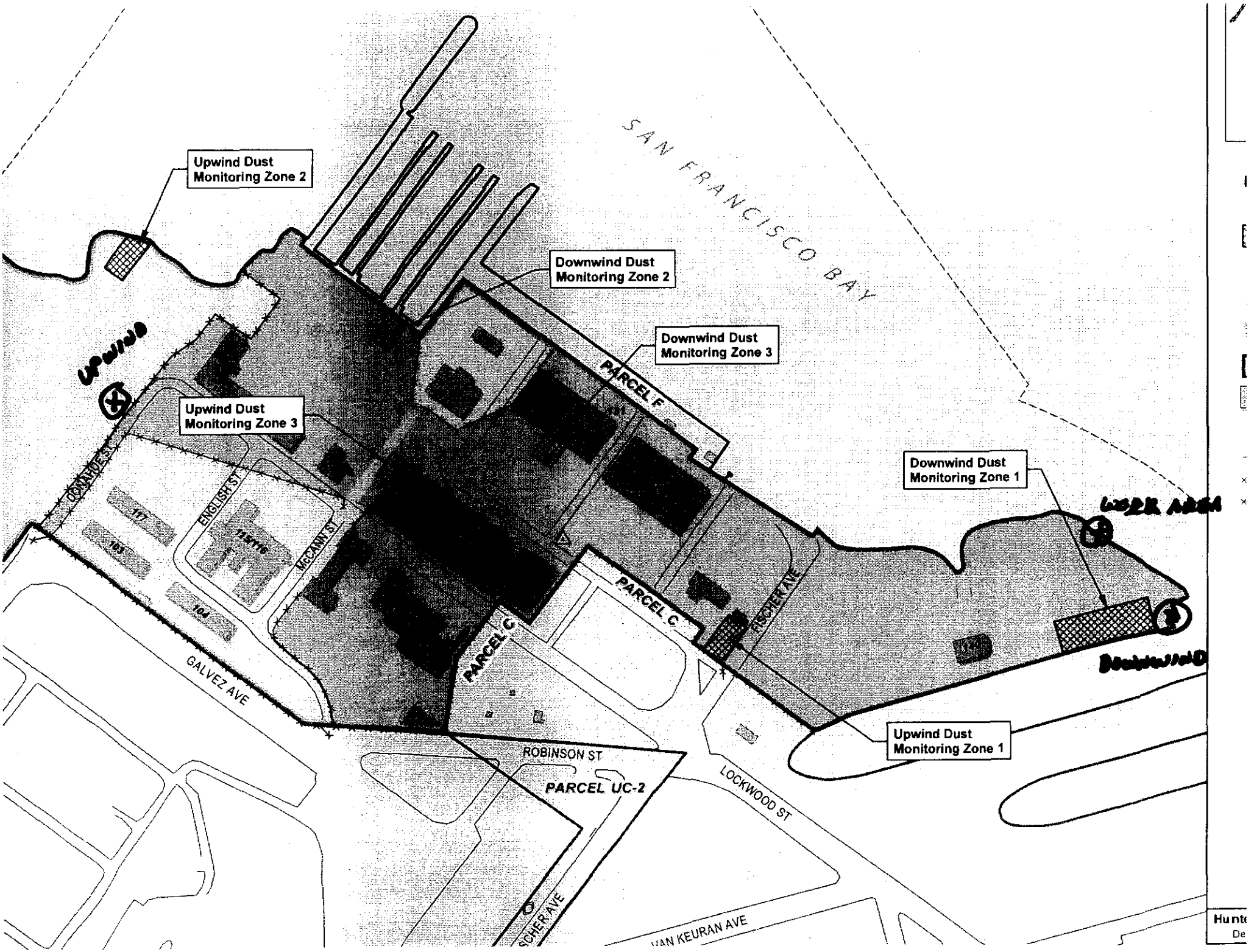
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): TUESDAY 12/4/12

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 ST.	12/10/12	1326	0.040	0.034	
METER # 1161 (#3)		1484	0.051	0.050	
		1545	0.045	0.046	
		1710	0.186	0.052	SUSPECT MANFUNCTION
		1915	0.197	0.102	" "
					WILL RECALIBRATE TOMORROW
WORK AREA - SHEARING	12/10/12	1340	0.027	0.022	
METER # 1008		1449	0.025	0.026	
		1550	0.021	0.025	
		1782	0.027	0.028	
		1558	0.018	0.034	
		1919	0.100	0.030	
DOWNWIND - DRY DOCK #3 @ SHEARING	12/10/12	1333	0.026	0.033	
METER # 1097		1446	0.030	0.026	
		1553	0.031	0.027	
		1659	0.061	0.029	
		1803	0.034	0.032	
		1922	0.026	0.033	


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
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
ENGLISH ST
McCANN ST
FISCHER AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
117
165
104

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

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) HPNSY SF	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: CAT D6	Model No.: 2543, 1 HR D-4 XL	Serial No.: CE9A83

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: Jim Lynn **Date of Inspection:** 12-10-12

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 10/12/12

REPORT NO 022

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
02	Constructed the revetment segment to transition from the 2.5:1 slope to the 4:1 slope at approximately station 3+70 to station 4+20.
	Excavated shoreline to design subgrade, installed geotextile fabric, and placed filter rock over the geotextile to a minimum 6-inch thickness.
	Verified that the filter rock thickness was within the specified tolerances. Placed riprap over the filter rock over the slope transition segment of
	the revetment. Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

12/10/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/10/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

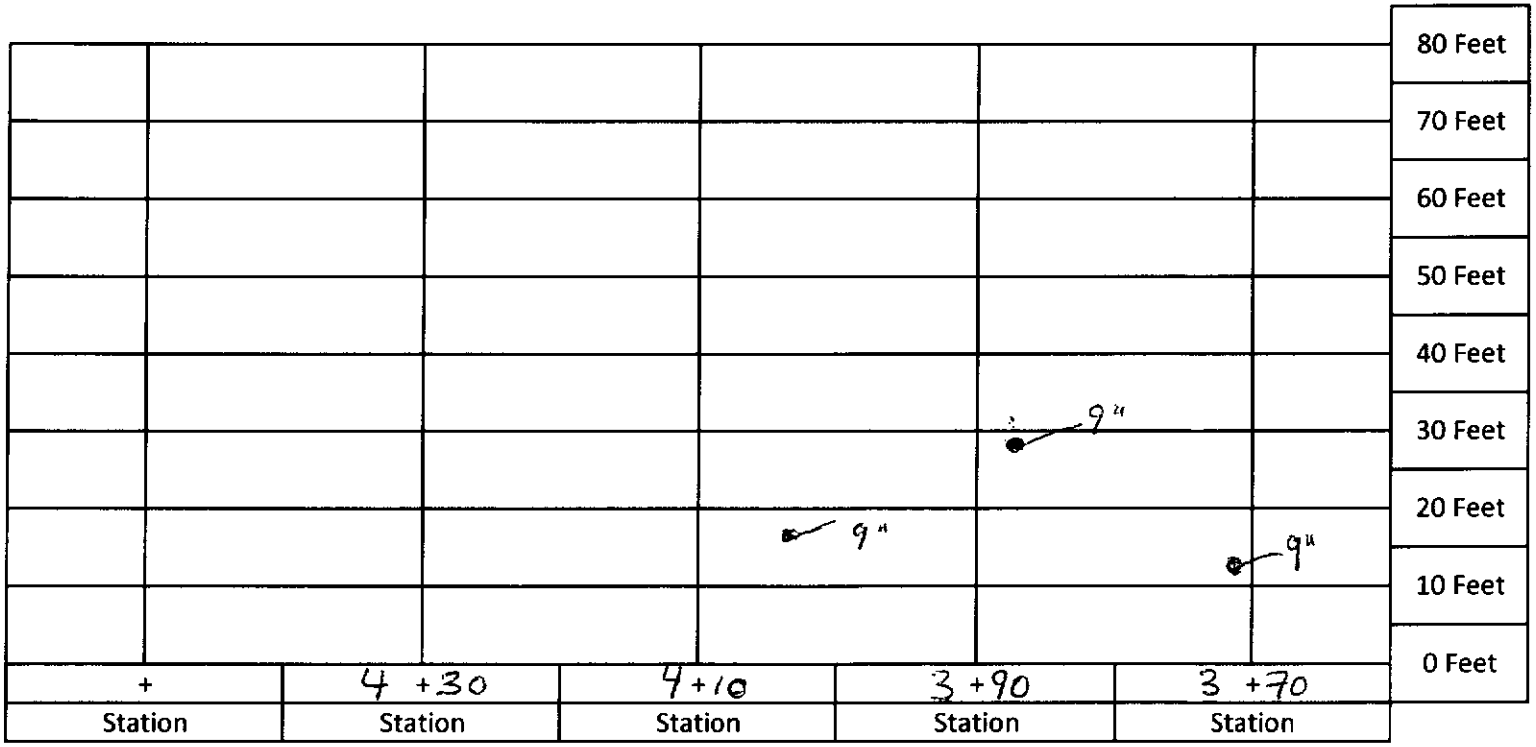
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/10/12

Filter Rock Thickness Check Locations

Date: 12/10/12
Checked By: CH



Top of Revetment

Name: Brian Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/10/12	Date	12/10/12
Time	1839	Time	1905
DO (mg/L)	7.23	DO (mg/L)	6.94
pH	7.43	pH	9.08
Turbidity (NTU)	334	Turbidity (NTU)	46
Temperature (°C)	14.27	Temperature (°C)	14.23

YSI Meter 3-Pt. pH Calibration Table

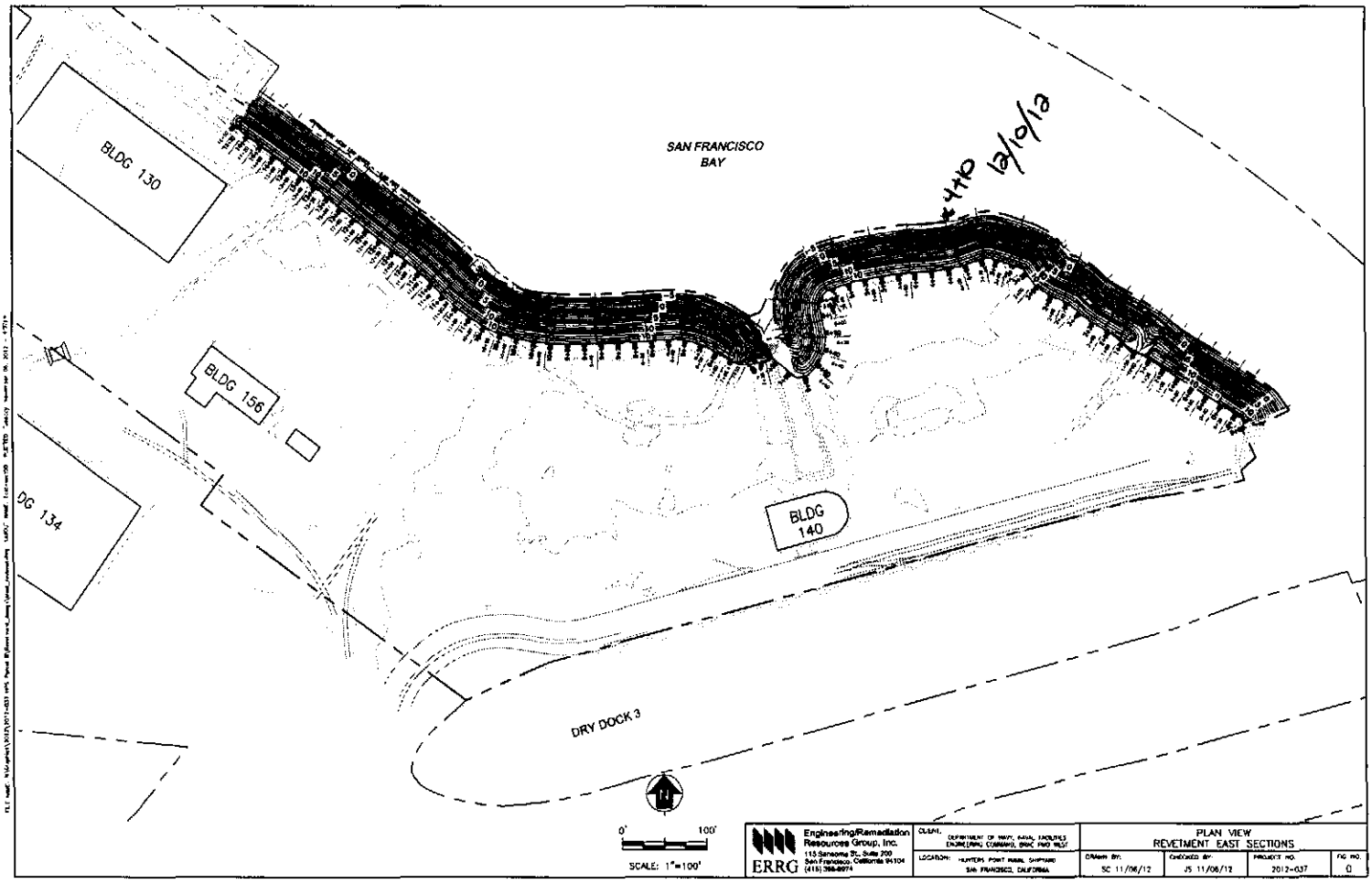
1st pH	4.00
Reading	4.03
2nd pH	7.00
Reading	7.05
3rd pH	10.00
Reading	9.99

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature:

Date: 12/10/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 700
San Francisco, California 94104
(415) 788-8774
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFAC PAO WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG. NO.
SC 11/06/12	JS 11/06/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Geotextile fabric installed for the segment of revetment at the transition between the 2.5:1 slope and 4:1 slope
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 10, 2012

Photo 2: Shoreline Excavation and Revetment – Placement of filter rock in the segment of revetment at the transition between the 2.5:1 slope and 4:1 slope
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 10, 2012

Photo 3: Shoreline Excavation and Revetment – Placement of riprap in the segment of revetment at the transition between the 2.5:1 slope and 4:1 slope
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 10, 2012

Photo 4: Shoreline Excavation and Revetment – Placement of riprap in the segment of revetment at the transition between the 2.5:1 slope and 4:1 slope
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 10, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 023

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Clear/Cool	60	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction,	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	4
	for the cut tonight ~50'. Excavate material to specified grades, place filter	ERRG	1	Project Manager	0
	fabric with specified overlaps, place 4" filter rock to specified thickness and cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpile. Continue removing surface debris and rock	ERRG	2	QC Staff	20
	from tomorrow's cut area.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	34
		ERRG	2	Truck Drivers	10

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	3099.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	3223.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, performed initial equipment inspection on equipment delivered today

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
02		John Deere 544J 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	0
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/11/12 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 023 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Clear/Cool	60	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
02	Hertz	JD 544J Loader	8
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	4
02	United Rentals	4 light towers	16
02	ERRG	JD 200 Excavator	8

Schedule Activity No.	REMARKS

James Nores 12/11/12

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/11/12 **TIME** 1330 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, DARK, WORKING NEAR WATER & EQUIPMENT, ST+F

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

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]
Mary Bailey	ERRG	[signature]
Chris Hay	ERRG	[signature]
Raul Rodriguez	ERRG	[signature]
Brian Kerr	ERRG	[signature]
TY APPA	ERRG	[signature]
Spencer Glaminski	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Boris Portillo	ERRG	Boris Portillo
Mike Babst	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

AHA #: 7 Shoreline Restroom

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NOBLES		12/11/12
Site Safety and Health Officer:	RICHARD EPP		12/11/12 1330
Construction Quality Control Manager:	SPENCER SLOMINSKI		12/11/12 1330
Employee(s):	Torey Green		12-11-12 1330
	Kris Barker		12-11-12
	Chris Hay		12-11-12 1330
	Raul Rodriguez		12-11-12 1330
	Brian Kerr		12-11-12 1330
	TJ Hall		12/11/12 1330
	ENRIQUE MARTINEZ		12-11-12 1330
	Jim Aguiar		12-11-12 1330
	Fernando Leza		12-11-12 1330
	Spencer Johnson		12/11/12 1330
	Boris Portillo	Boris Portillo	12/11/12 1330
	Mike Bebb		12/11/12 1330

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	12/11/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST & WINDY	Page:	1 of 1
Site Visitors:			

Description of Field Activities:

EXCAVATION AND SURFACE RUBBLE REMOVAL. PLACE FABRIC, FILTER ROCK AND RIP RAP.

LOWEST LIGHT READING 5.4 FC.

CHECKED BMPs, STRAIGHTEN UP EXCAVATION PILES BEFORE FORECAST RAIN TONIGHT.

ALL INSPECTIONS COMPLETED

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, END LOADER, BULLDOZER, LIGHT TOWERS, 2 KUBOTAS.

Signed: [signature] Date: 12/11/12

ERRG

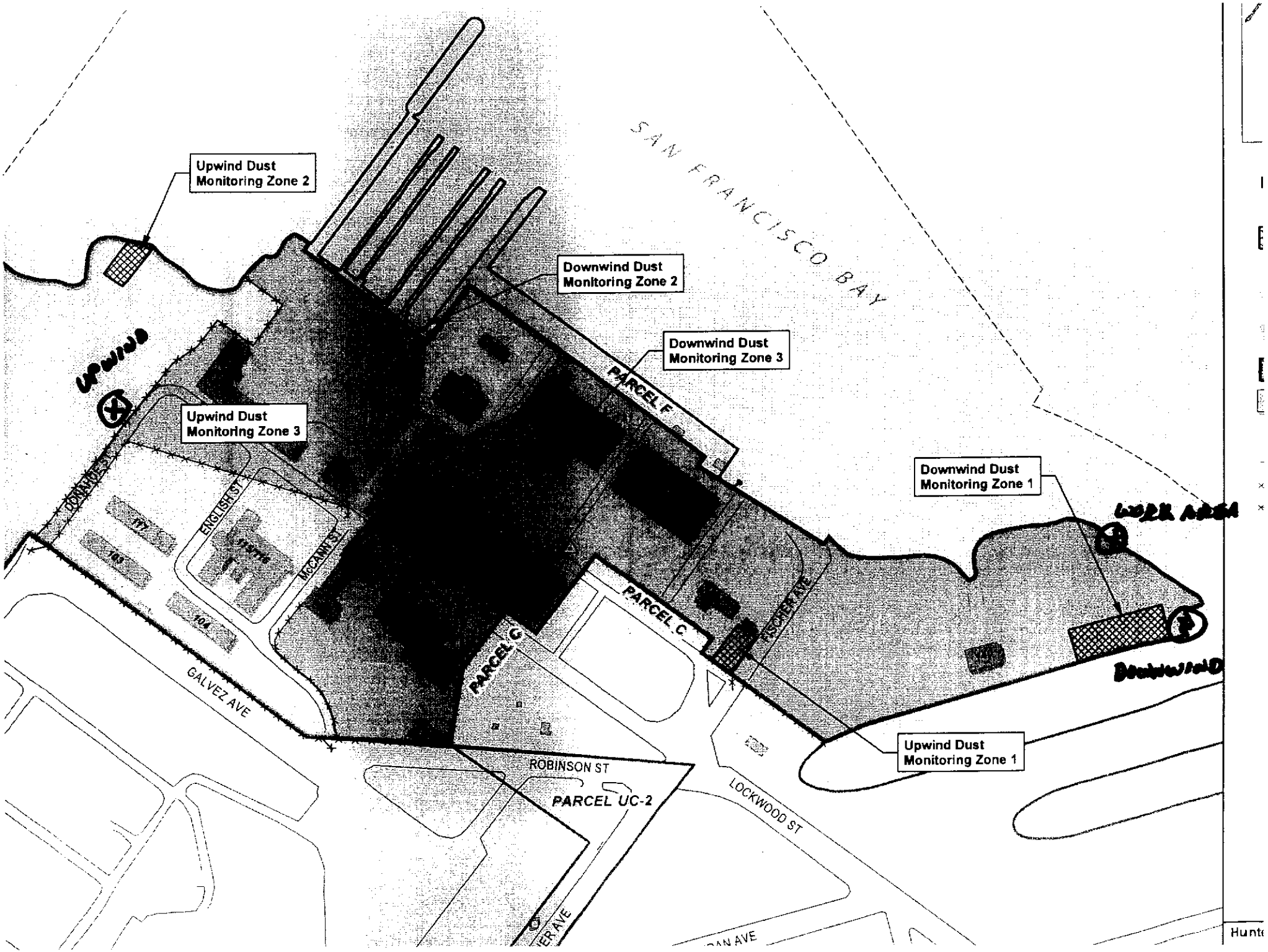
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/4/12 + 12/11/12 (1141)

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 St.	12/11/12	1358	0.039	0.041	
Motor # 1161		1451	0.033	0.032	
		1544	0.031	0.031	
		1643	0.037	0.032	
		1750	0.042	0.034	
		1846	0.041	0.036	
		2016	0.044	0.038	
WORK AREA Shoreline	12/11/12	1403	0.007	0.007	
Motor # 1008		1458	0.009	0.007	
		1557	0.004	0.006	
		1702	0.015	0.007	
		1800	0.013	0.009	
		1856	0.021	0.012	
		2024	0.019	0.016	
DOWNWIND Dry Dock #3	12/11/12	1406	0.025	0.025	
@ Shoreline Motor #1073		1503	0.029	0.026	
		1601	0.024	0.025	
		1705	0.028	0.026	
		1757	0.032	0.027	
		1901	0.037	0.028	
		2031	0.029	0.029	



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
SAN FRANCISCO BAY
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
117
103
104

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

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) 4PARCEL SF	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: JOHN DEERE LOADER	Model No.: 896.5 HR 544 K	Serial No.: 1DW544KZEB0634779

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:** 12-11-12

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 11/12/12

REPORT NO 023

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
02	Excavated shoreline to design subgrade between stations 4+20 and 4+70; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 4+20 and 4+70.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

12/11/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/11/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

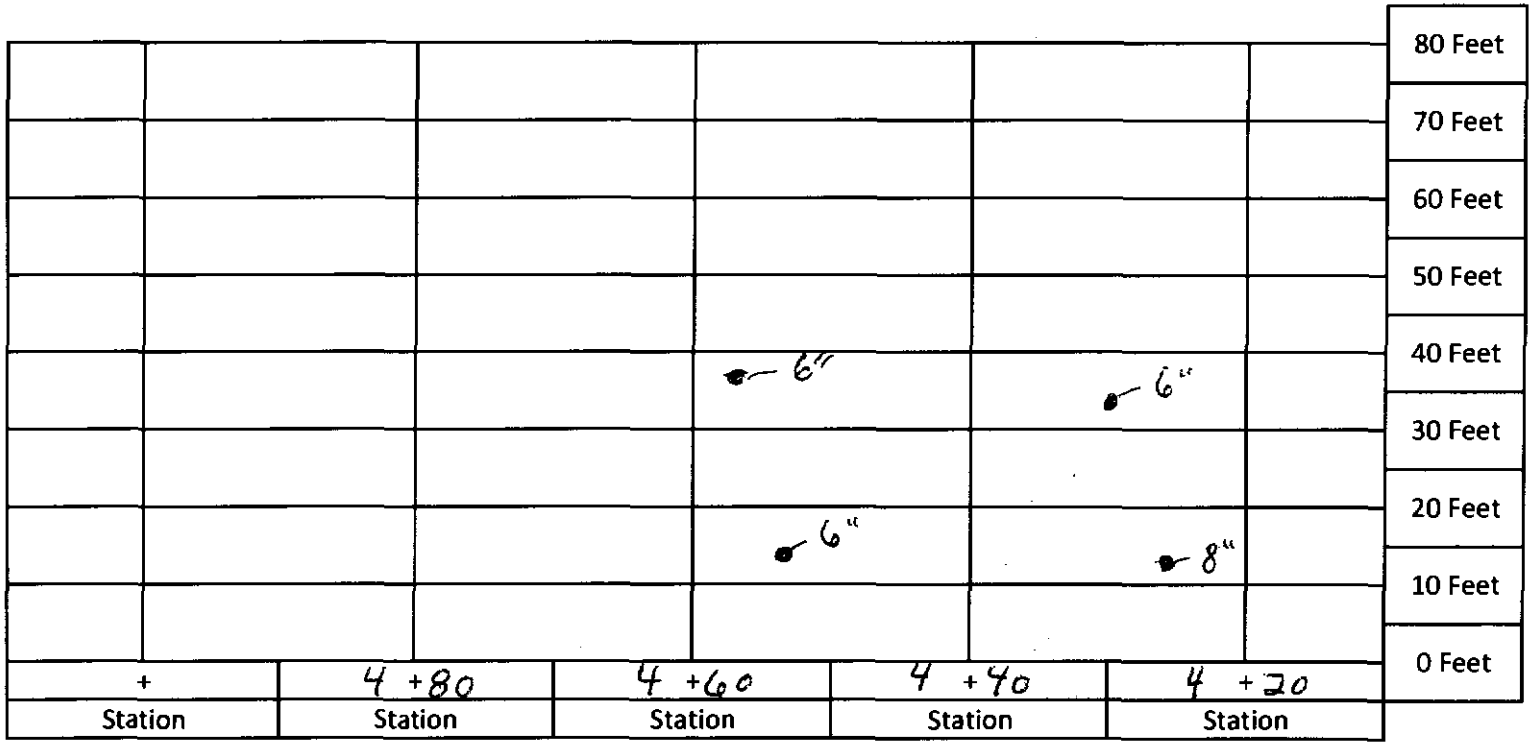
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/11/12

Filter Rock Thickness Check Locations

Date: 12/11/12
Checked By:



Top of Revetment

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 4+20 and 4+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 11, 2012

Photo 2: Shoreline Excavation and Revetment – Installation of geotextile fabric over the subgrade between stations 4+20 and 4+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 11, 2012

Photo 3: Shoreline Excavation and Revetment – Geotextile fabric installed between stations 4+20 and 4+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 11, 2012

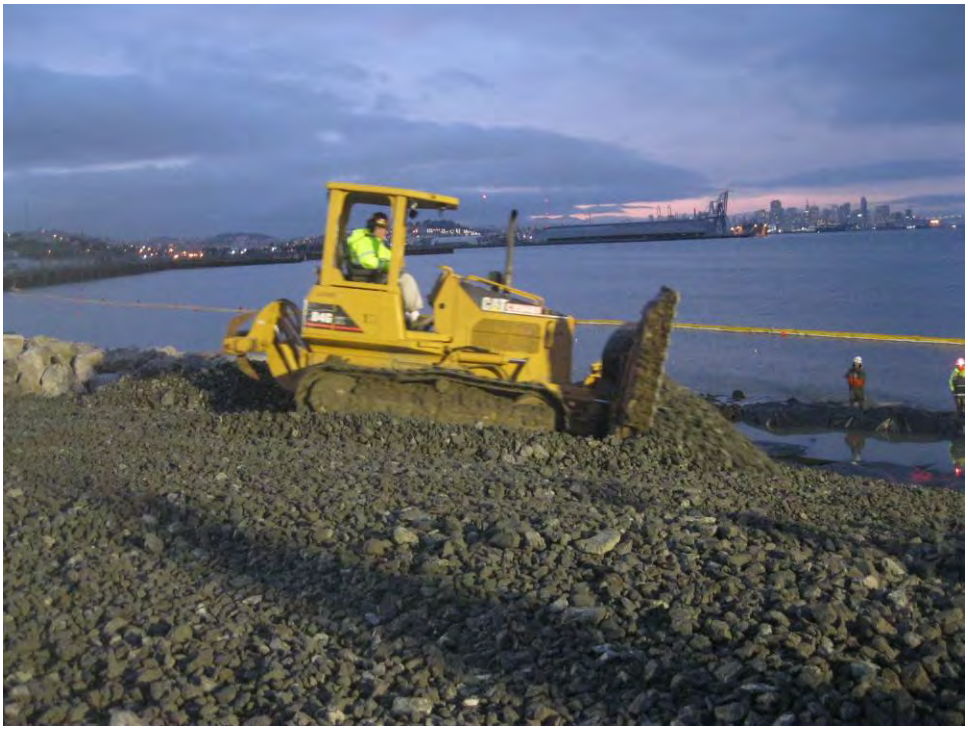


Photo 4: Shoreline Excavation and Revetment – Placement of filter rock over the geotextile fabric between stations 4+20 and 4+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 11, 2012

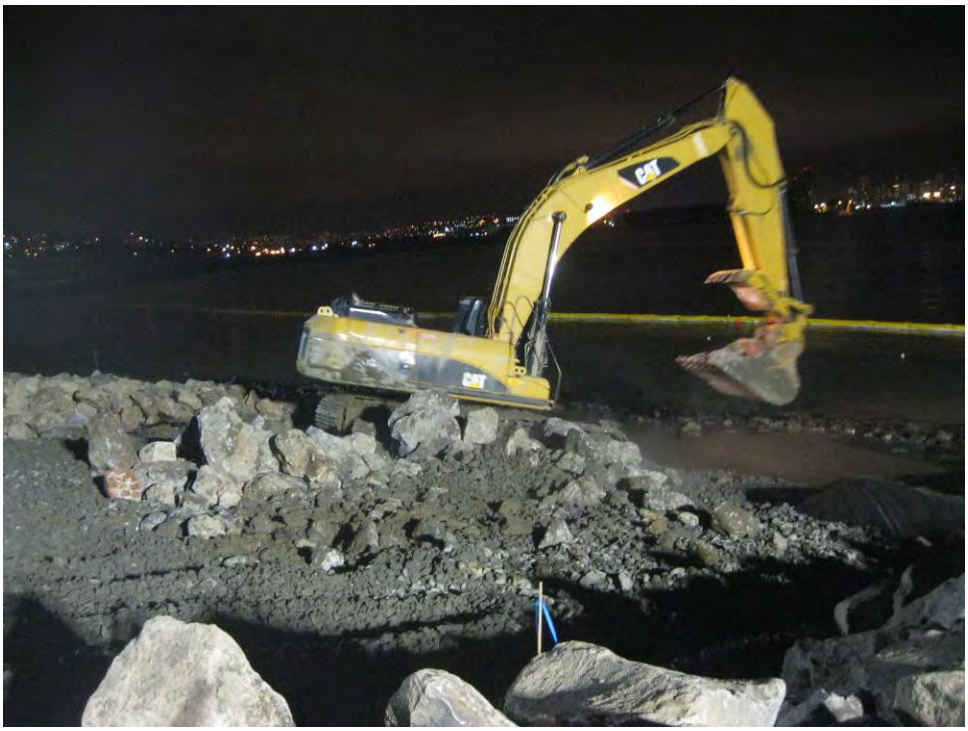


Photo 5: Shoreline Excavation and Revetment – Placement of riprap between stations 4+20 and 4+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 11, 2012

Photo 6: Shoreline Excavation and Revetment – Completed segment of revetment installed between stations 4+20 and 4+70

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 11, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 12/12/12

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	024

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Clear/Cool	57	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	8
	for the cut tonight ~40'. Excavate material to specified grades, place filter	ERRG	1	Project Manager	0
	fabric with specified overlaps, place 4" filter rock to specified thickness and cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpile. Continue removing surface debris and rock	ERRG	2	QC Staff	20
	from tomorrow's cut area.	ERRG	4	Equipment Operators	28
		ERRG	4	Laborers	28
	Dixon Marine on site to re-set some of the anchors on the south/east side of the	ERRG	2	Truck Drivers	10
	silt curtain deployment.	Dixon Marine	2	Silt Curtain Installer	10

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	132
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	3223.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	3355.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED
02	Tailgate safety briefing, AHA review for revetment construction

☒ 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	0
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	4

Schedule Activity No.	REMARKS

James Nores — 12/12/12

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 12/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 024 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Mild	Clear/Cool	57	48

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
02	Hertz	JD 544J Loder	8
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	4
02	United Rentals	4 light towers	16
02	ERRG	JD 200 Excavator	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/12/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/12/12 **TIME** 1400 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS DARK, MUD, FORCAST RAIN, STYF, Rolling Rocks

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

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]
Chris Hay	ERRG	[signature]
[illegible]	[illegible]	[signature]
Fernando Leza	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Boris Portillo	ERRG	Boris Portillo
Jim Aguiar	ERRG	[signature]
TJ [illegible]	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
[illegible] Slomoski	ERRG	[signature]
Rowan Tucker	ERRG	[signature]
Virginia Demetrios	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

AHA #: 7 Shoreline Rev.

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		12/12/12 1430
Site Safety and Health Officer:	RICHARD EPP		12/12/12 1430
Construction Quality Control Manager:	SPENCER SLOMINSKI		12/12/12 1430
Employee(s):	Kirby Barley		12-12-12 1430
	Chris Hay		12-12-12 1430
	Paul Rodriguez		12-12-12 14-
	Fernando Loza		12-12-12 - 1430
	Spencer Johnson		12/12/12 1430
	Boris Portillo	Boris Portillo	12/12/12 1430
	Brian Kerr		12/12/12 1430
	Jim Aguirre		12/12/12 1430
	Ty Apply		12/12/12 1430
	Equipment Operator		12-12-12- 1430

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	12/12/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR/P. CLDY - WINDY	Page:	1 of 1
Site Visitors:			

Description of Field Activities:

DIXON MARINE IS REPOSITIONING SILT CURTAIN WHERE IT DRIFTED IN TOO CLOSE TO SHORE AND OTHER OBSTICLES.

EXCAVATION AND RUBBLE REMOVAL ON SHORELINE, PLACE FABRIC, DRAIN ROCK AND RIP RAP ON WEST SECTION.

MINIMUM LIGHT LEVELS IN WORK AREA 6.4 FC.

ALL INSPECTIONS COMPLETED, NO ISSUES.

EQUIPMENT: 2 EXCAVATORS, BULLDOZER, END LOADER, OFF-ROAD DUMP TRUCK, LIGHT TOWERS, 2 KUBOTAS.

Signed: Richard Epp Date: 12/12/12

ERRG

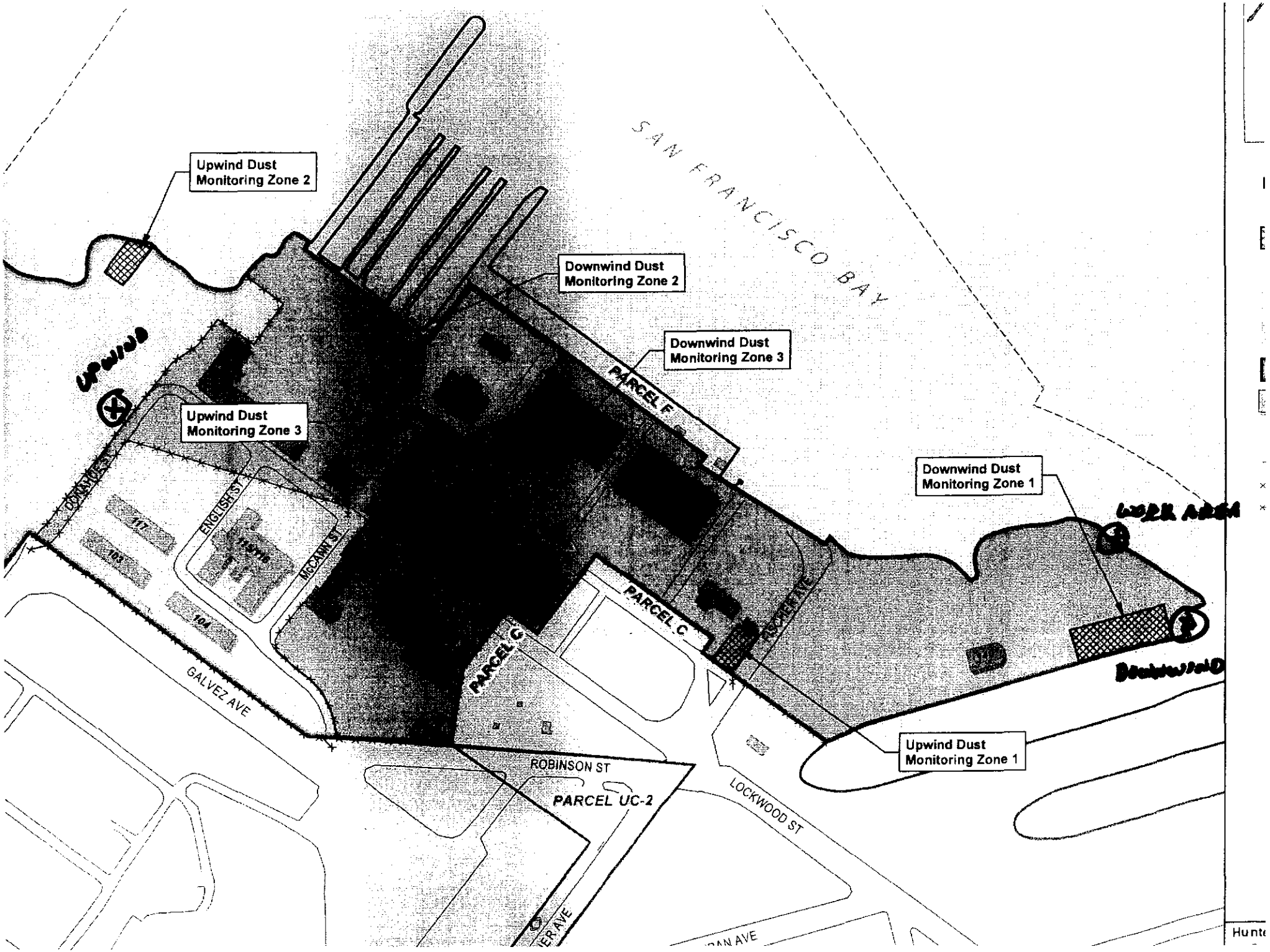
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/4 + 11/12

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 of Meter # 1161	12/12/12	1448	0.078	0.077	
		1629	0.063	0.071	
		1802	0.048	0.063	
		1904	0.043	0.058	
		2146	0.038	0.050	
WORK AREA Shoreline Meter # 1008	12/13/12	1457	0.020	0.019	
		1644	0.007	0.020	
		1754	0.011	0.017	
		1859	0.006	0.015	
		2125	0.000	0.018	
DOWNWIND Dry Dock #3 @ Shoreline Meter # 10973	12/13/12	1500	0.037	0.035	
		1642	0.032	0.034	
		1752	0.028	0.032	
		1857	0.028	0.031	
		2123	0.033	0.031	



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
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
WORK AREA
DOWNWIND
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
117
103
104

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 12/12/12

REPORT NO 024

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
02	Excavated shoreline to design subgrade between stations 5+00 and 5+40; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 5+00 and 5+40.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements. Dixon Marine re-aligned the offshore silt curtain.

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

12/12/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

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

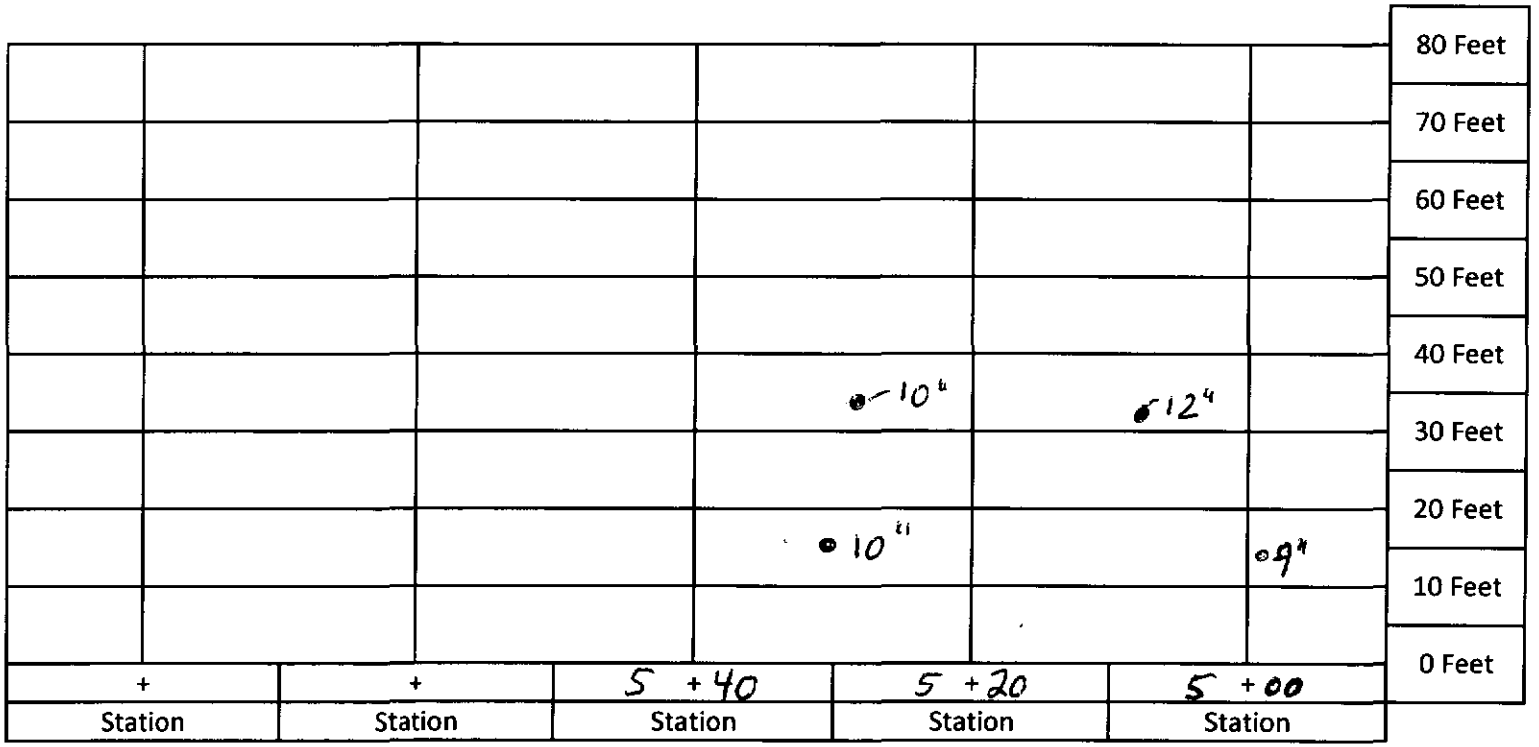
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

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

Filter Rock Thickness Check Locations

Date: 12/12/12
Checked By: SJS



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/12/12	Date	12/12/12
Time	1000	Time	1016
DO (mg/L)	7.42	DO (mg/L)	8.04
pH	7.51	pH	9.09
Turbidity (NTU)	545	Turbidity (NTU)	78
Temperature (°C)	13.20	Temperature (°C)	13.59

YSI Meter 3-Pt. pH Calibration Table

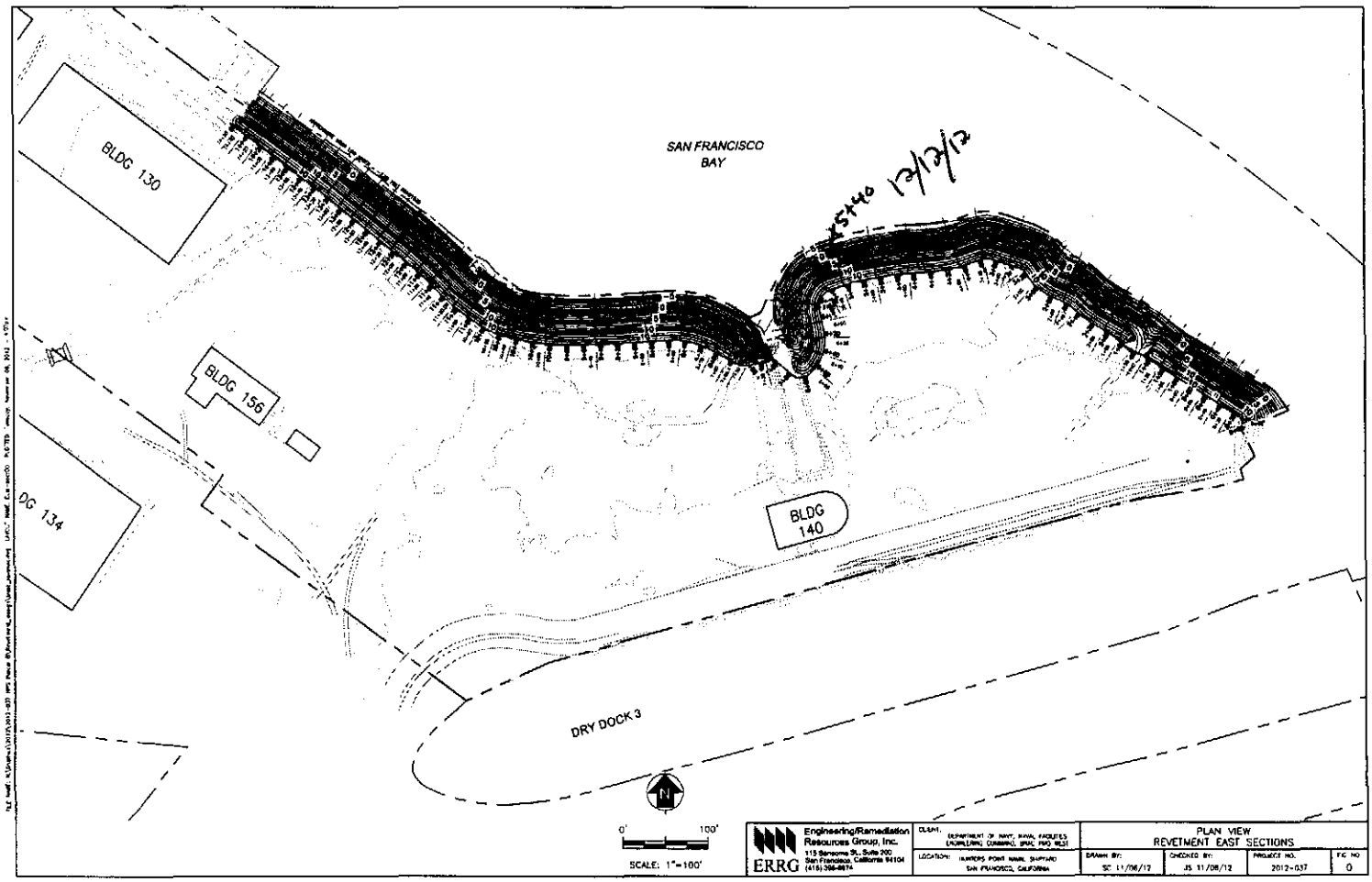
1st pH	4.00
Reading	3.94
2nd pH	7.00
Reading	6.96
3rd pH	10.00
Reading	10.00

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature: [signature]

Date: 12/12/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 200
San Francisco, California 94104
(415) 398-8874
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG. NO.
SC 11/08/12	JS 11/08/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 5+00 and 5+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 12, 2012

Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 5+00 and 5+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 12, 2012

Photo 3: Shoreline Excavation and Revetment – Filter rock placed over the geotextile fabric between stations 5+00 and 5+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 12, 2012

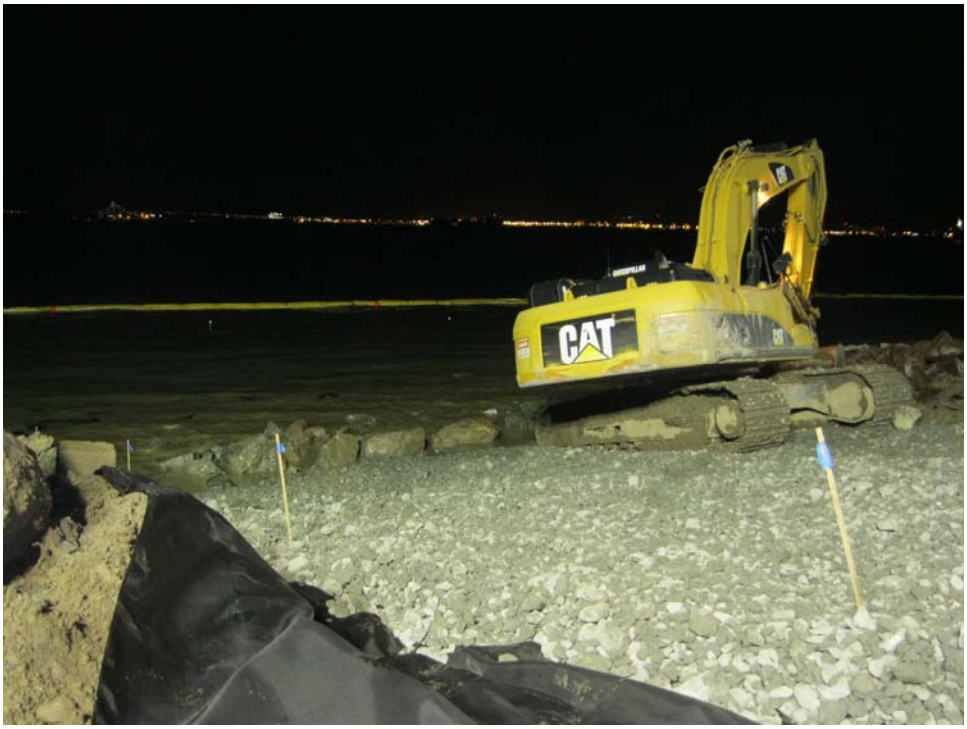


Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 5+00 and 5+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 12, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/12/12		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	025		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Cold	PM WEATHER	Clear/Cold
MAX TEMP (F)	57	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	5
	for the cut tonight ~30'. Excavate material to specified grades, place filter	ERRG	1	Project Manager	5
	fabric with specified overlaps, place 4" filter rock to specified thickness and cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpile. Continue removing surface debris and rock	ERRG	2	QC Staff	20
	from tomorrow's cut area.	ERRG	4	Equipment Operators	26
		ERRG	5	Laborers	40
	ESP Surveying on site today to continue laying out and staking the revetment	ERRG	2	Truck Drivers	10
	top and toe.	ESP	2	Surveyors	16

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	150
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	3355.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	3505.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, and Surveying

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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	4

Schedule Activity No.	REMARKS
02	Weekly CQC meeting this afternoon with Peter Stroganoff (ROICC) and ERRG QC, Safety and Superintendent staff.
	Regulators on site today- Craig Cooper (US EPA), Ross Stevenson (Regional Water Board) and Ryan Miya (DTSC). They were escorted by Glen Nelson (Navy CSO), John Sourial
	(ERRG Project Manager) and Tyson Appel (ERRG Construction Manager).

James Nores 12/13/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/12/12		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	025 cont.		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Cold	PM WEATHER	Clear/Cold
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
02	ERRG	JD 710 Backhoe	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	4
02	United Rentals	4 light towers	16
02	ERRG	JD 200 Excavator	8

Schedule Activity No.	REMARKS

James Nores 12/13/12

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/13/12 **TIME** 1500 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SURVEYING, SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, ST+F, WORKING NEAR WATER, NIGHT OPS., EQUIPMENT, VEHICLE

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

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
Juan Lovato	ESP	[signature]
Eric Jones	ESP	[signature]
Toney Green	ERRG	[signature]
[illegible]	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Spencer Slomin(SH)	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
FERNANDO LOZA	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Chris Hay	ERRG	[signature]
Jim Hanian	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
[illegible]	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
TB APPY	ERRG	[signature]
Michael Goymerac	ERRG	[signature]
Heather Wollenburg	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG 2012-037

VISITORS LOG

NAME PRINTED	DATE	COMPANY	SIGNATURE
[illegible]	11/14/12	ERRG	[illegible]
Peter Lowridge		ERRG	[illegible]
ALAN MOELLERLEIG		ERRG	[illegible]
EMILY JACKSON		ERRG	[illegible]
Christine Wang		ERRG	[illegible]
Claire Walker		ERRG	[illegible]
PETER STROGANOFF	15 NOV 12	ROI CC	[illegible]
ROSS STEENSON	16 NOV 12	CA REGIONAL WATER BOARD	[illegible]
DAVE DELONG	16 NOV 12	NAVY DAM	[illegible]
MATTHEW PENA	11.26.12	TRACER	[illegible]
WES CASSETER	11.26.12	TRACER	[illegible]
Brandon Connelly	11.29.12	Klein Felder	[illegible]
Mark Lee	11-29-12	Kleinfelder	[illegible]
DAVID TICKEHOVEN		ERRG	[illegible]
Michael Bradmore	11-29-12	ERRG	[illegible]
Lara Uriegas	12/5/12	NAVY	[illegible]
DAVID BEHNKEN	12/5/12	ERRG	[illegible]
ARVIND ACHARYA	12/5/12	ITSI	[illegible]
Ken Leonard	12/5/12	ITSI	[illegible]
Ryan Miya	12/13/12	DTSC	[illegible]
Glen Nelson		Navy CSO	[illegible]
ROSS STEENSON		REGIONAL WATER BOARD	[illegible]
CRAIG COOPER		US EPA	[illegible]
Peter Strogano FL		ROI CC	[illegible]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 2 Surveying

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NOBLES		12/13/12 0800
Site Safety and Health Officer:	RICHARD EPP		12/13/12 0800
Construction Quality Control Manager:	SPENCER SLOMINSKI		12/13/12 0800
Employee(s):	JOHN HOVEKE		12/13/12 800
	ERIC JONES		12/13/12 800

ERRG

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 SHORELINE REVETMENT

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		12/13/12 1500
Site Safety and Health Officer:	RICHARD EPP		12/13/12 1500
Construction Quality Control Manager:	SPENCER SLOMINSKI		12/13/12 1500
Employee(s):	Toney Green		12-13-12 1500
	Kenny Bailey		12-13-12 1500
	Paul Rodriguez		12-13-12 1500
	ENRIQUE MARTINEZ		12-13-12 1500
	FERNANDO LOZA		12-13-12 1500
	Brian Kerr		12-13-12 1500
	Chris Hay		12-13-12 1500
	Jim Aguilar		12-13-12 1500
	Boris Portillo	Boris Portillo	12/13/12 1500
	Spencer Johnson		12/13/12 1500
	Ty Abel		12/13/12 1500

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	12/13/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WINDY & COLD	Page:	1 of 1
Site Visitors:	(SEE ATTACHED LIST)		

Description of Field Activities:

SURVEYORS ON SITE, LAYING OUT REVETMENT STATIONS DOWN THE SHORELINE.

EXCAVATION & RUBBLE REMOVAL ON SHORELINE.
PLACING FABRIC, FILTER ROCK AND RIPRAP IN EXCAVATED AREA.
LOWEST LIGHT METER READING IN WORK AREA 6.1 FC

ALL INSPECTIONS COMPLETED.

WARNING ROCK REMOVED FROM CONCRETE AT JUNCTION OF DRY DOCK #3 AND CHOKELINE REVETMENT.

STOCKPILES CHECKED FOR BMPs, ALL COMPLY.

EQUIPMENT: 2 EXCAVATORS, END-LOADER, OFF-ROAD DUMP TRUCK, LIGHT TOWERS, BULLDOZER, 2 KUBOTAS

Signed: [signature] Date: 12/13/12

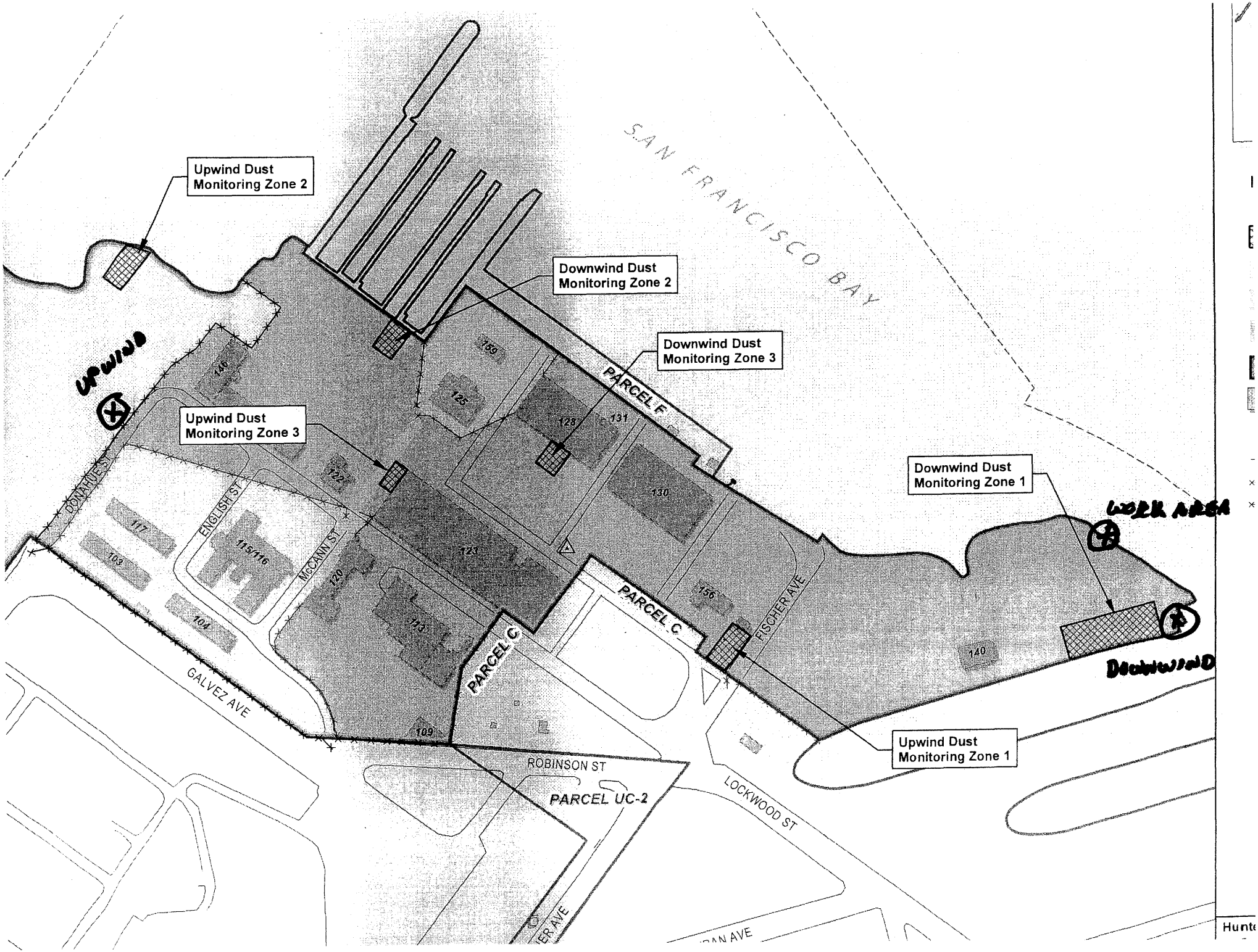
ERRG

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):	12/4 + 11/12	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue St.	12/13/12	1513	0.100	0.098	
Motor # 1161		1621	0.099	0.102	
		1800	0.057	0.086	
		1854	0.061	0.079	
		2010	0.043	0.075	
		2143	0.034	0.064	
WORK AREA Shoreline	12/13/12	1518	0.022	0.022	
		1615	0.026	0.025	
		1805	0.031	0.021	
		1859	0.007	0.019	
		2022	0.095	0.022	
		2130	0.009	0.030	
DOWNWIND Dry Dock #3	12/13/12	1520	0.024	0.025	
@ Shoreline #10973		1618	0.018	0.033	
		1807	0.037	0.034	
		1903	0.035	0.035	
		2024	0.035	0.035	
		2132	0.030	0.036	



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

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/12/12
REPORT NO 025

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
02	Excavated shoreline to design subgrade between stations 5+40 and 5+65; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 5+40 and 5+65.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.
	ESP Surveying installed grade stakes along the shoreline for revetment construction west of station 7+40.

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	Site walk conducted by representatives of the USEPA, DTSC, SFRWQCB; escorted by the Navy CSO, ERRG Project Manager,
	and ERRG Construction Manager.
02	Held weekly QC meeting (attended by ERRG QCM, Superintendent, SSHO, and Navy ROICC).

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

12/13/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

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

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

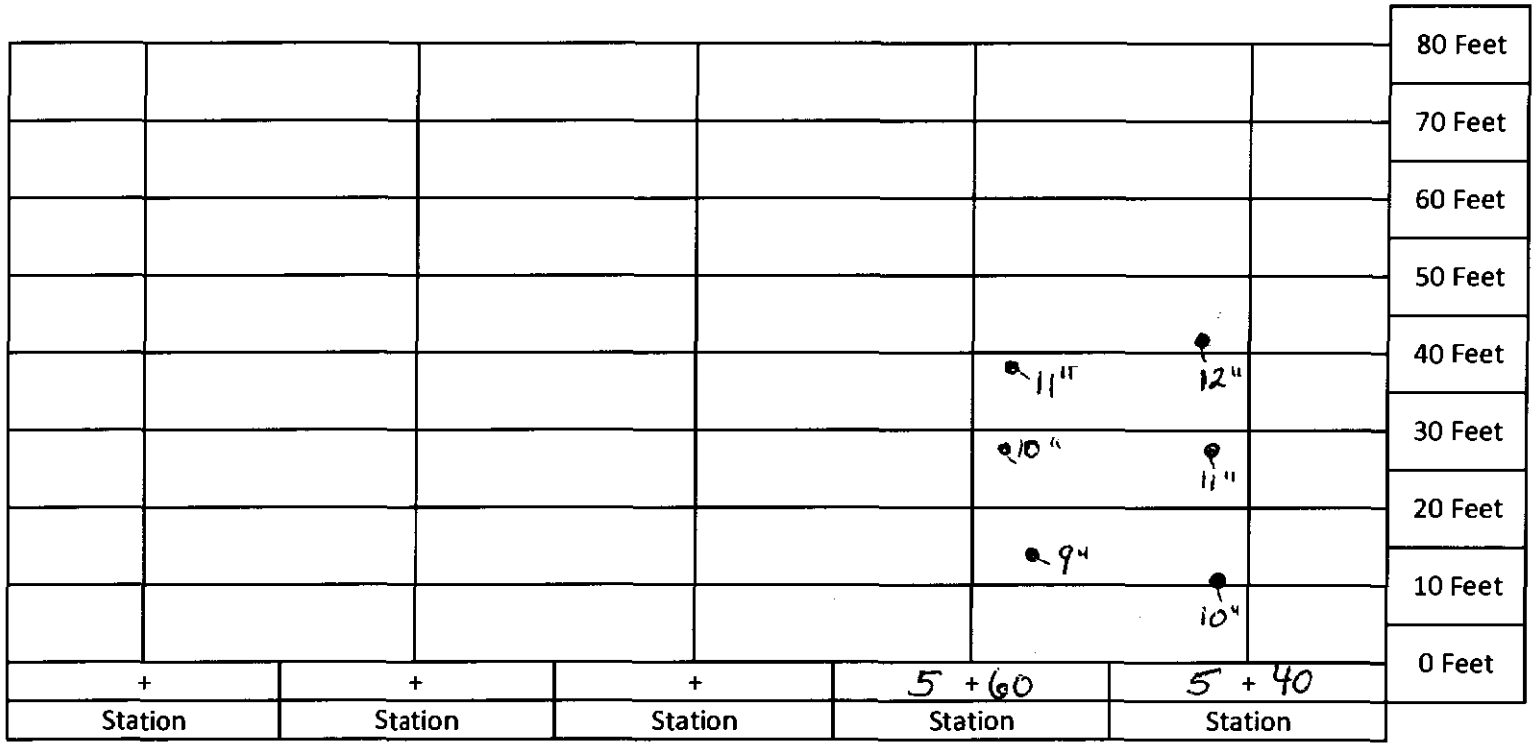
Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

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

Filter Rock Thickness Check Locations

Date: 12/13/12

Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/13/12	Date	12/13/12
Time	1446	Time	2002.
DO (mg/L)	7.49	DO (mg/L)	7.41
pH	7.82	pH	8.75
Turbidity (NTU)	482	Turbidity (NTU)	103
Temperature (°C)	13.06	Temperature (°C)	13.05

YSI Meter 3-Pt. pH Calibration Table

1st pH	4.00
Reading	4.02
2nd pH	7.00
Reading	7.04
3rd pH	10.00
Reading	10.01

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature: B. Kerr

Date: 12/13/12

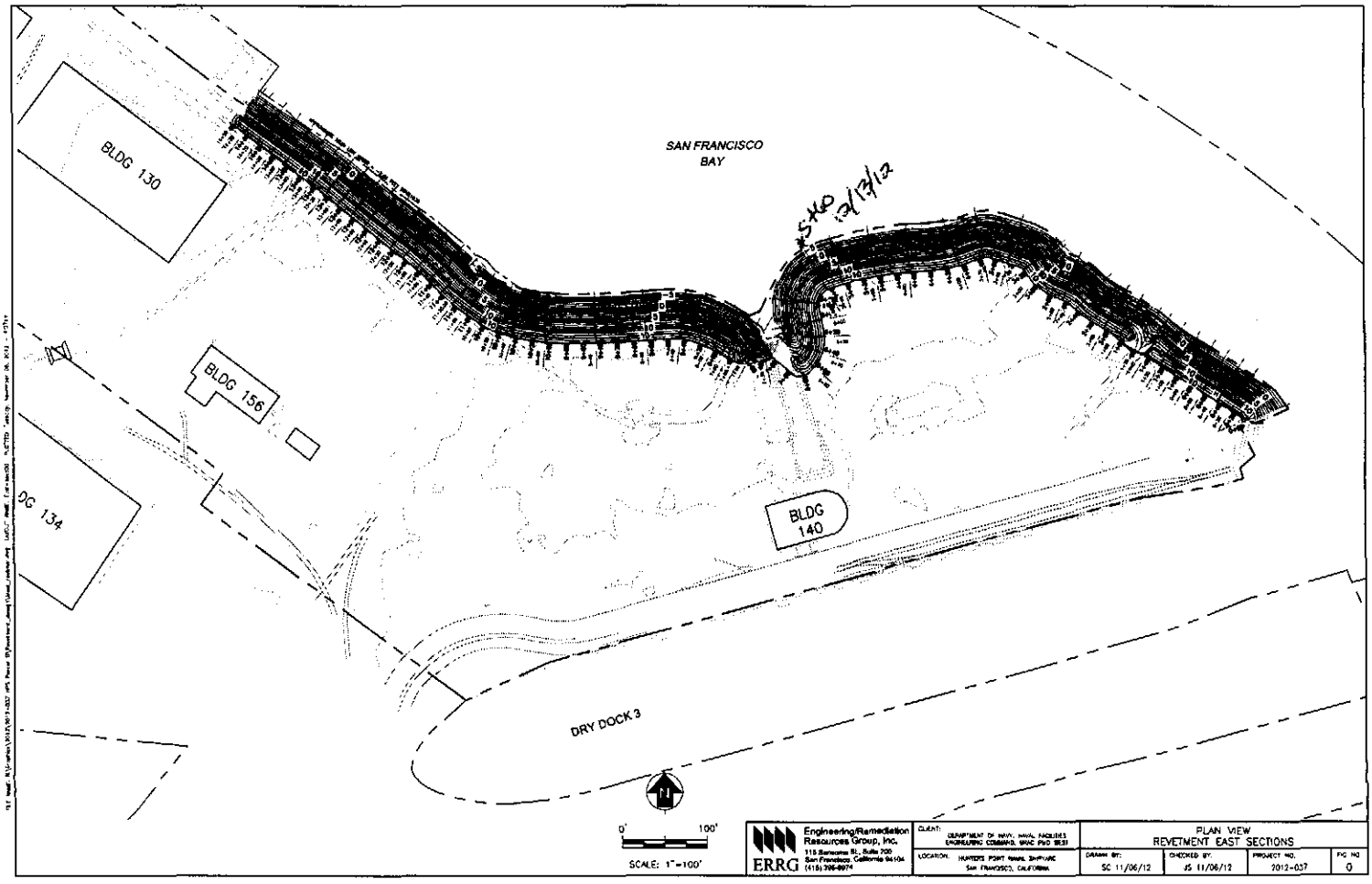

SAN FRANCISCO
BAY
BLDG 130
BLDG 156
DG 134
BLDG
140
DRY DOCK 3
N
0'
100'
SCALE: 1"=100'
Engineering/Remediation
Resources Group, Inc.
ERRG
CLIENT:
LOCATION:
PLAN VIEW
REVETMENT EAST SECTIONS
DRAWN BY:
SC 11/06/12
CHECKED BY:
JS 11/06/12
PROJECT NO.
2012-037
FIG NO
0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations and 5+40 and 5+65

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 13, 2012

Photo 2: Shoreline Excavation and Revetment – Filter rock placed over the geotextile fabric between stations 5+40 and 5+65

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 13, 2012

Photo 3: Shoreline Excavation and Revetment – Placement of riprap between stations 5+40 and 5+65

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 13, 2012

Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 5+40 and 5+65

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 13, 2012

Photo 5: Shoreline Excavation and Revetment – Grade stakes installed along the shoreline west of station 7+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 13, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/12/12		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	026		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cold	PM WEATHER	Clear/Cold
MAX TEMP (F)	54	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction,	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section for	ERRG	1	Construction Manager	0
	the cut tonight ~10' by station at the top. Excavate material to specified depth	ERRG	1	Project Manager	0
	place fabric with specified overlap, place 4" filter rock to specified thickness, cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpile. Continue removing surface debris and rock	ERRG	2	QC Staff	20
	from tomorrow's cut area.	ERRG	4	Equipment Operators	26
		ERRG	5	Laborers	40
	ESP Surveying on site today to continue laying out and staking the revetment	ERRG	2	Truck Drivers	10
	top and toe.	ESP	2	Surveyors	16

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	140
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	3505.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	3645.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	4

Schedule Activity No.	REMARKS

James Nores 12/14/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 14/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 026 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cold	Clear/Cold	54	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		
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
02	ERRG	JD 710 Backhoe	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	4
02	United Rentals	4 light towers	16
02	ERRG	JD 200 Excavator	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/14/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/14/12 **TIME** 1600 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Revetment construction

SAFETY TOPICS PRESENTED

SAFETY TOPICS Heavy equipment, slips Trips, Nite work

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

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

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

PHYSICAL HAZARDS [redacted] 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
Kim Bailey	ERRG	[signature]
Chris Hay	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Jim Higgins	ERRG	[signature]
Spence Slomingh	ERRG	[signature]
Toney Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Fernando Loza	ERRG	[signature]
[illegible]	[illegible]	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babel	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

AHA #: 7 Shoreline Revetment

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NOBLES		12/18/12 1600
Site Safety and Health Officer:	RICHARD EPP		12/14/12 1600
Construction Quality Control Manager:	SPENCER SLOMINSKI		12/14/12 1600
Employee(s):	Craig Barlow		12-14-12 1600
	Chris Hay		12-14-12 1600
	ENRIQUE MARTINEZ		12-14-12 1600
	Jim Aguirre		12-14-12 1600
	Toney Green		12-14-12 1600
	Brian Kerr		12-14-12 1600
	Ronald Ross		12/14/12 1600
	FERNANDO LOZA		12/14/12 1600
	Spencer Johnson		12/14/12 1600
	Mike Burbage		12/14/12 1600

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	12/14/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST, RAIN SHOWERS	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

SURVEILLANCE ON SITE CONTINUOUS THROUGHOUT.

EXCAVATION & REMOVE STORMDRAIN DEBRIS NEAR EAST SIDE OF DUMPHOUSE WINDOW.

PLACING FABRIC, FILTER ROCK & RIPRAP AT EXCAVATION.

CHECKING ALL DEBRIS PILES FOR COMPACTION AND BMPs.

LOWEST LIGHT METER READING IN WORK AREA 5.7 Fc

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, WATER TRUCK, BULLDOZER, END LOADER, LIGHT TOWERS, 2 RUBBERTIRS

Signed: _____ Date: 12/14/12

ERRG

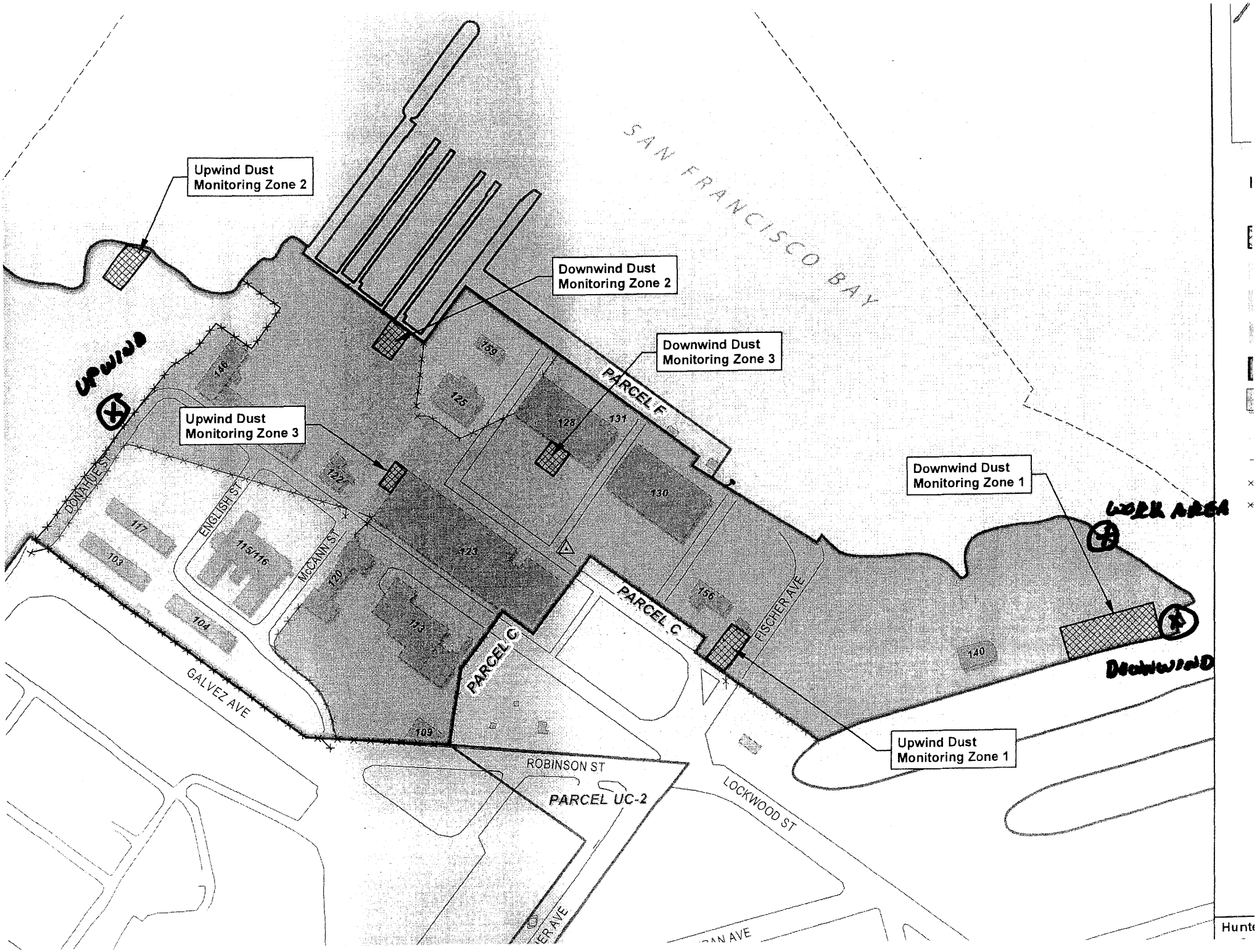
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/4 + 11/12

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 Dewatering St.	12/14/12	1641	0.066	0.065	
Motor # 1161		1756	0.029	0.042	
		1940	0.013	0.034	
		2105	0.004	0.027	
		2203	0.020	0.025	
		2320	0.016	0.023	
WORK AREA Shoreline	12/14/12	1649	0.019	0.020	
		1748	0.000	0.012	
		1944	0.001	0.007	
		2115	0.004	0.000	
		2207	0.004	0.000	
		2309	0.000	0.000	
DOWN WIND Dry Dock 3	12/14/12	1647	0.033	0.032	
@ Shoreline Motor #1073		1750	0.051	0.034	
		1947	0.040	0.032	
		2110	0.029	0.029	
		2209	0.033	0.029	
		2308	0.030	0.029	



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

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 14/12/12
REPORT NO 026

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
02	Excavated shoreline to design subgrade between stations 5+65 and 5+75; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 5+65 and 5+75.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.
	ESP Surveying continued installing grade stakes along the shoreline for revetment construction west of station 7+40.

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

12/14/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/14/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

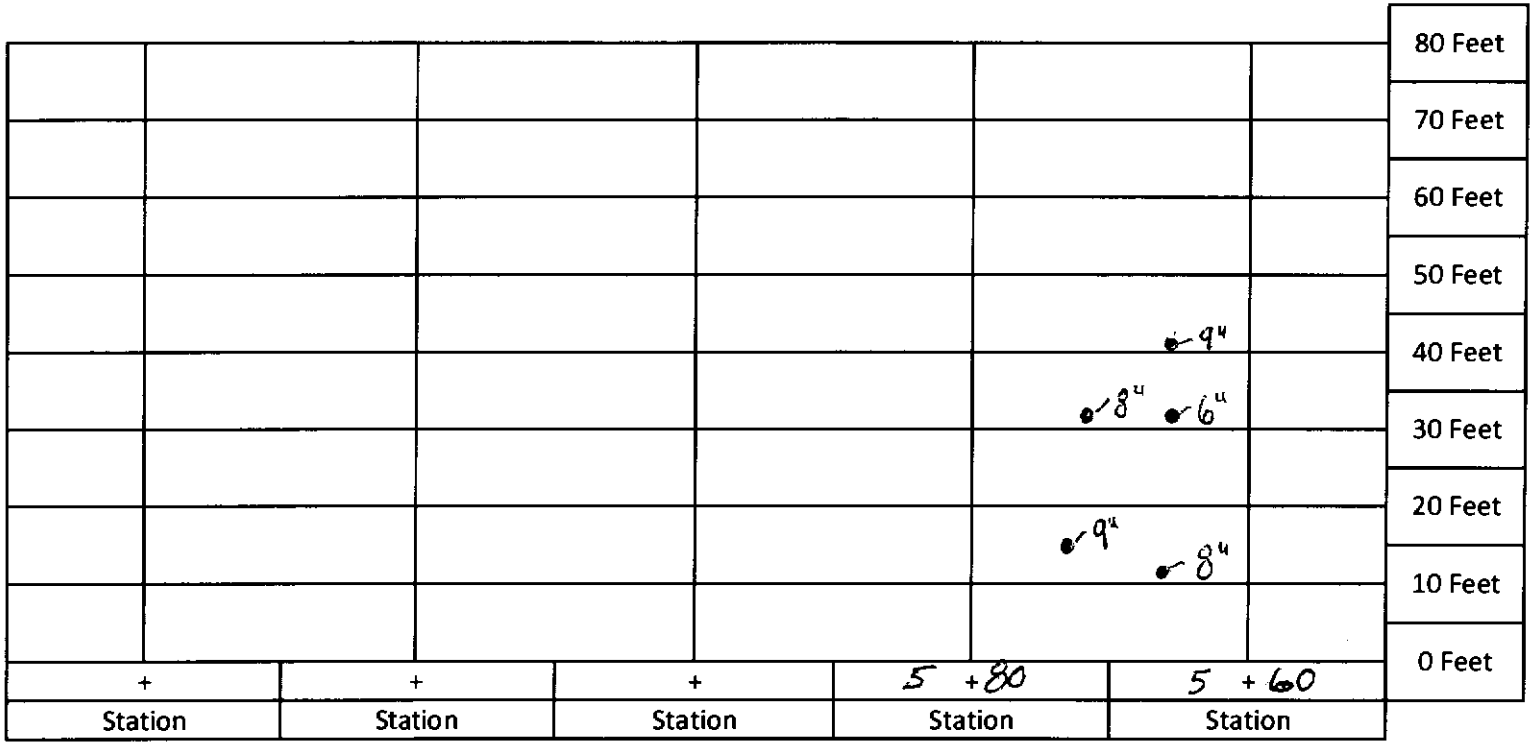
Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/14/12

Filter Rock Thickness Check Locations

Date: 12/14/12

Checked By: CH



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/14/12	Date	12/14/12
Time	2120	Time	2130
DO (mg/L)	8.75	DO (mg/L)	8.64
pH	7.50	pH	7.64
Turbidity (NTU)	88	Turbidity (NTU)	35.2
Temperature (°C)	12.67°	Temperature (°C)	13.03°

YSI Meter 3-Pt. pH Calibration Table

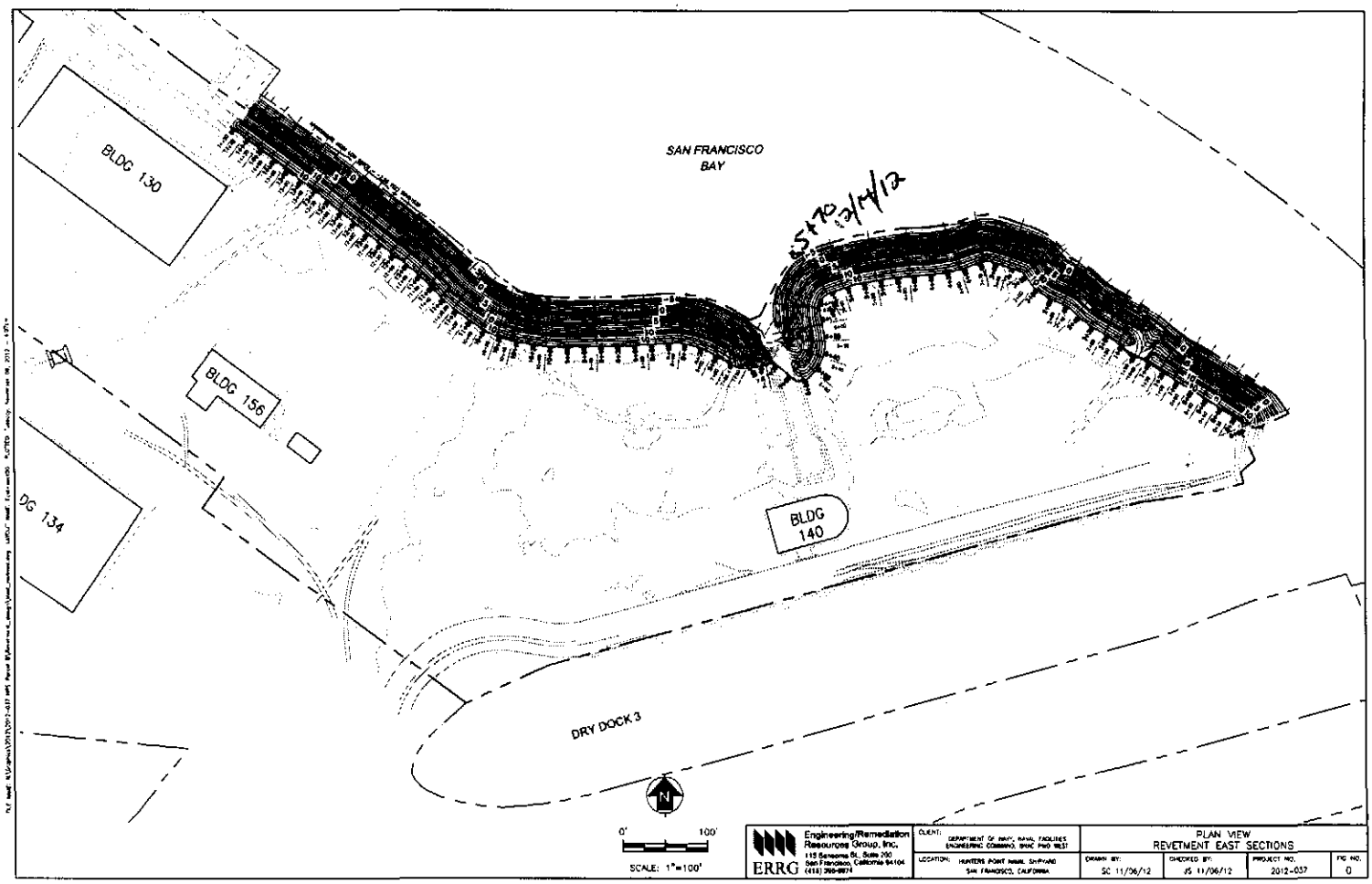
1st pH	4.00
Reading	
2nd pH	7.00
Reading	
3rd pH	10.00
Reading	

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature: B. Kerr

Date: 12/14/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St, Suite 200
San Francisco, California 94104
(415) 399-9979
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFAWC PWD WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG NO.
SC 11/06/12	JS 11/06/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 5+65 and 5+75

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 14, 2012

Photo 2: Shoreline Excavation and Revetment – Checking the elevation of the subgrade at the toe of the revetment excavation

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 14, 2012

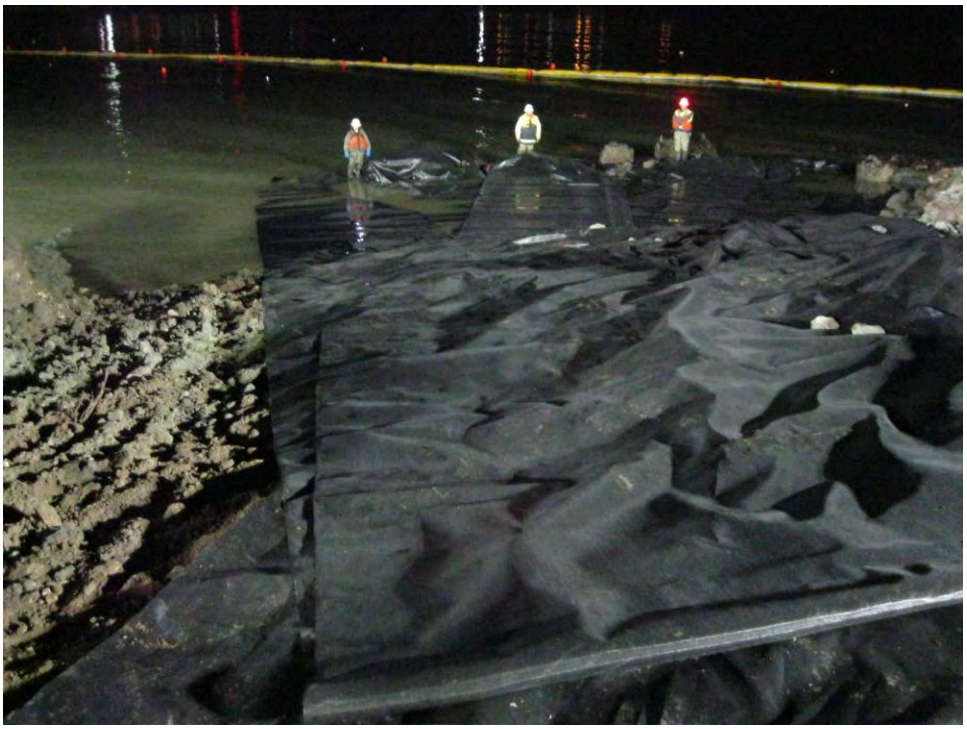


Photo 3: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 5+65 and 5+75

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 14, 2012

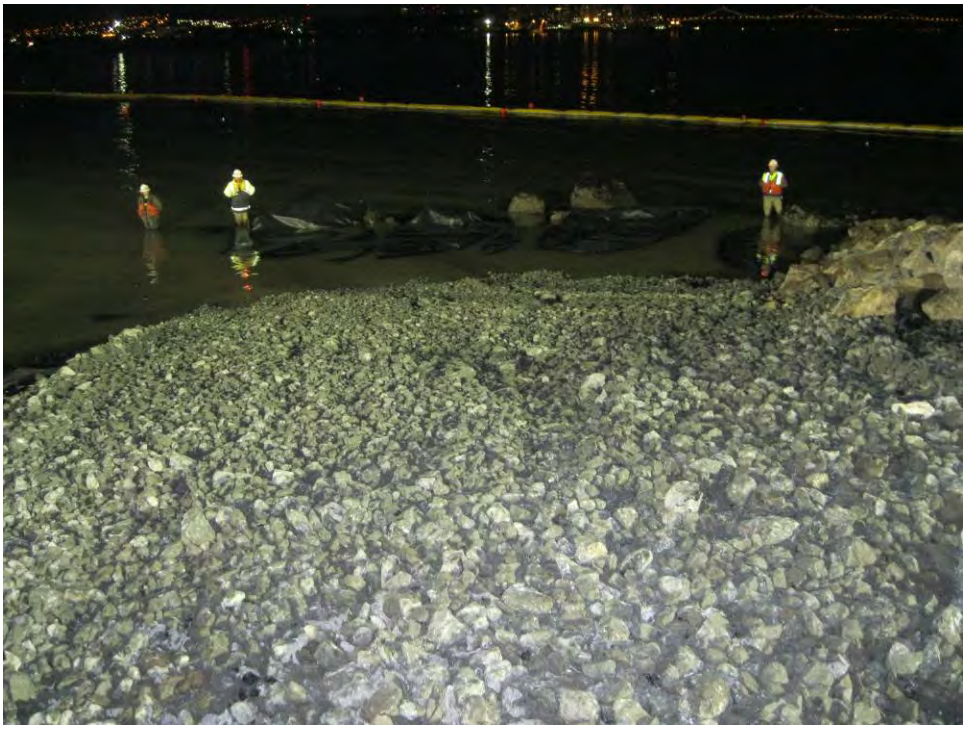


Photo 4: Shoreline Excavation and Revetment – Filter rock placed over the geotextile fabric between stations 5+65 and 5+75

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 14, 2012

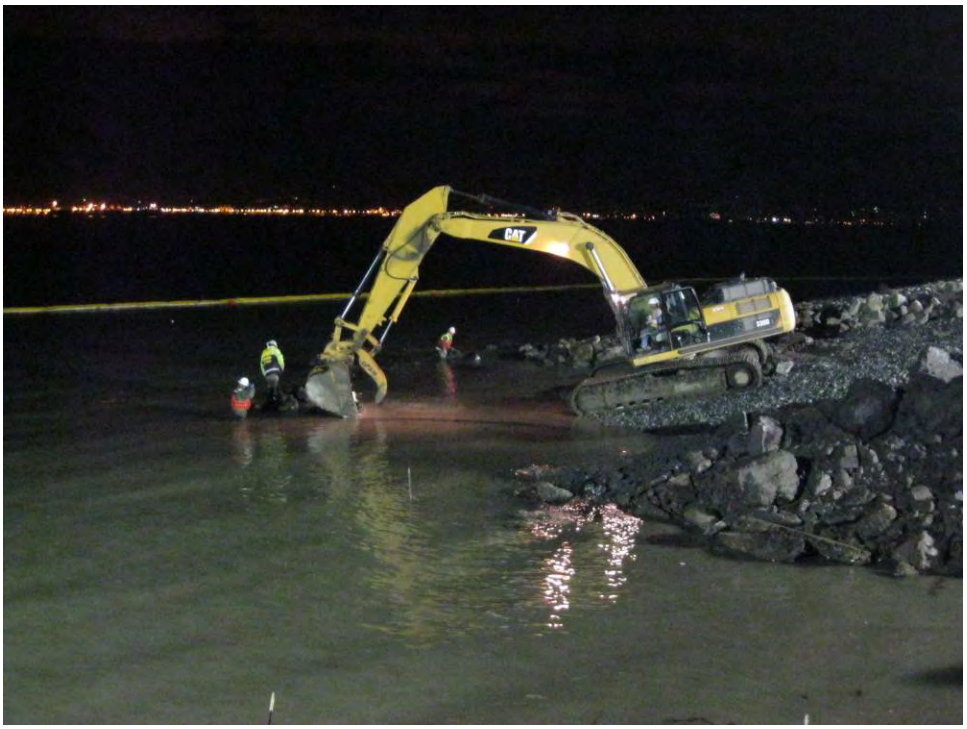


Photo 5: Shoreline Excavation and Revetment – Placement of riprap between stations 5+65 and 5+75

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 14, 2012

Photo 6: Shoreline Excavation and Revetment – Completed segment of revetment between stations 5+65 and 5+75

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 14, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 15/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 027

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cold	Cloudy/Cold	50	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction,	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	8
	the cut tonight ~25' by station at the top. Excavate material to specified depth	ERRG	1	Project Manager	0
	place fabric with specified overlap, place 4" filter rock to specified thickness, cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpile. Continue removing surface debris and rock	ERRG	2	QC Staff	20
	from tomorrow's cut area.	ERRG	4	Equipment Operators	26
		ERRG	5	Laborers	40
		ERRG	2	Truck Drivers	10

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	132
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	3645.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	3777.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	4

Schedule Activity No.	REMARKS

James Nores 12/15/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 15/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 027 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cold	Cloudy/Cold	50	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	
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
02	ERRG	JD 710 Backhoe	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	4
02	United Rentals	4 light towers	16
02	ERRG	JD 200 Excavator	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/15/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/15/12 **TIME** 1700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS RAIN, MUD, STAF, NIGHT WORK, EQUIPMENT, WORKING NEAR WATER

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

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 Slominski	ERRG	[signature]
King Bailey	ERRG	[signature]
[illegible] Green	ERRG	[signature]
[illegible]	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Chris Hay	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Jim [illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Spencer Johnson	ERRG	[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

AHA #: _____

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NOBLES		12/15/12 1700
Site Safety and Health Officer:	RICHARD EPP		12/15/12 1700
Construction Quality Control Manager:	SPENCER SLOMINSKI		12/15/12 1700
Employee(s):	Craig Bailey		12-15-12 1700
	Jamey Green		12-15-12 1700
			12-15-12 1700
	FERNANDO LOZA		12-15-12 1700
	CHARLES MARTELLER		12-15-12 1700
	Chris Hay		12-15-12 1700
	Brian Kerr		12-15-12 1700
	Jim Aguirre		12-15-12 1700
			12-15-12 1700
	Spencer Johnson		12/15/12 1700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	SATURDAY	Date:	12/15/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN, COLD	Page:	1 of 1
Site Visitors:	(NONE)		

Description of Field Activities:

EXCAVATION & RUBBLE REMOVAL AT EAST SIDE OF PUMP HOUSE INLET.

PLACE FABRIC, FILTER ROCK & RIPRAP

LOWEST LIGHT LEVEL IN WORK AREA 6.7 FC

ALL INSPECTION COMPLETED, NO ISSUES.

CONSOLIDATED MATERIAL IN STOCKPILES, ALL BMPs IN PLACE

MOVED PART OF RIPRAP PILE FROM SIDE OF DRY DOCK # 3

EQUIPMENT: 2 EXCAVATORS, OFF ROAD DUMP TRUCK, BULLDOZER, END LOADER, WATER TRUCK, LIGHT TOWERS, 2 KU BOOMS

Signed: Richard Epp Date: 12/15/12

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):	12/4 + 11/12	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
MONITORS NOT DEPLOYED DUE TO INCLEMENT WEATHER					
				[signature]	

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 15/12/12

REPORT NO 027

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
02	Excavated shoreline to design subgrade between stations 5+75 and 6+00; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 5+75 and 6+00.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

12/15/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/15/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

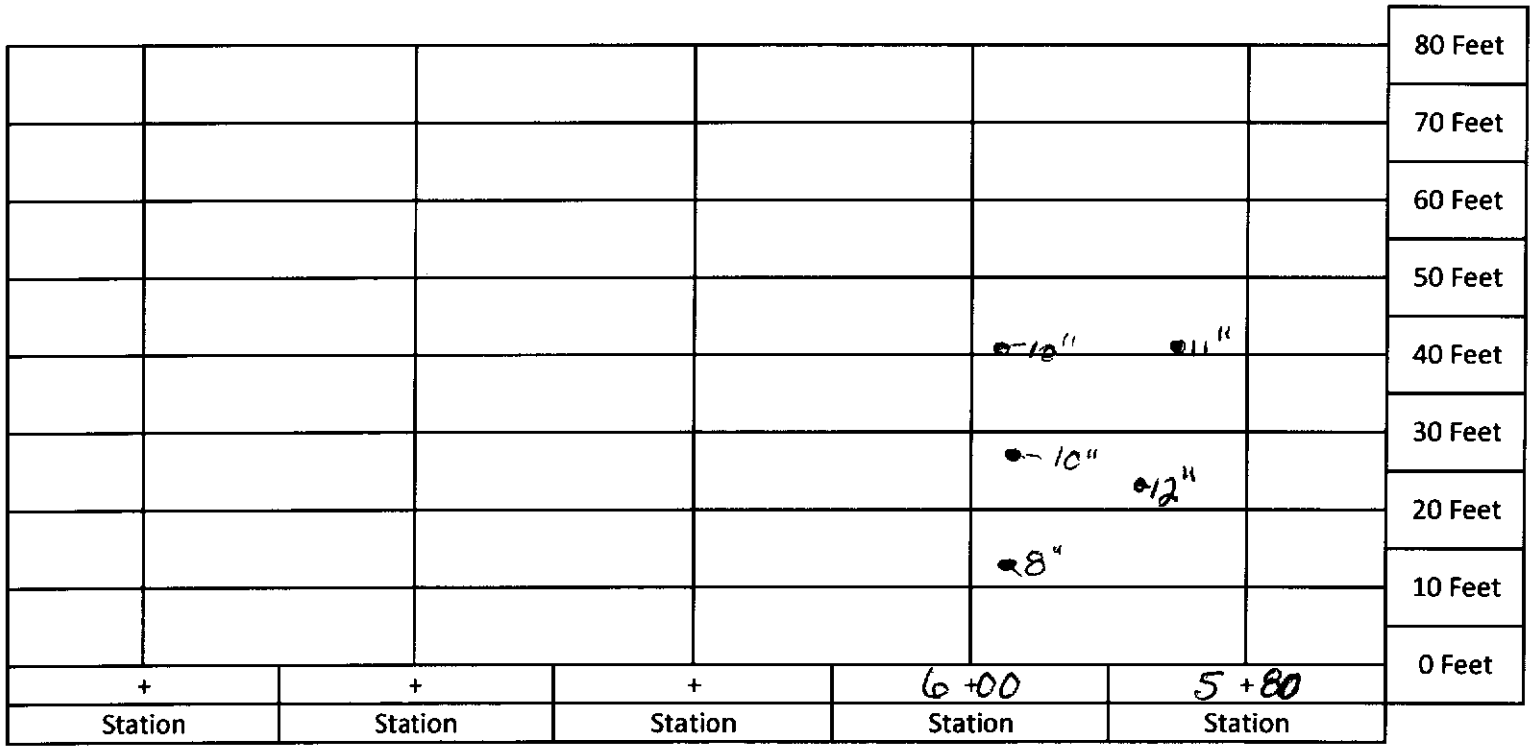
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/15/12

Filter Rock Thickness Check Locations

Date: 12/15/12
Checked By: SJS



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/15/12	Date	12/15/12
Time	2218	Time	2224
DO (mg/L)	8.85	DO (mg/L)	9.47
pH	7.63	pH	7.69
Turbidity (NTU)	240.2	Turbidity (NTU)	44.4
Temperature (°C)	12.30	Temperature (°C)	12.80

YSI Meter 3-Pt. pH Calibration Table

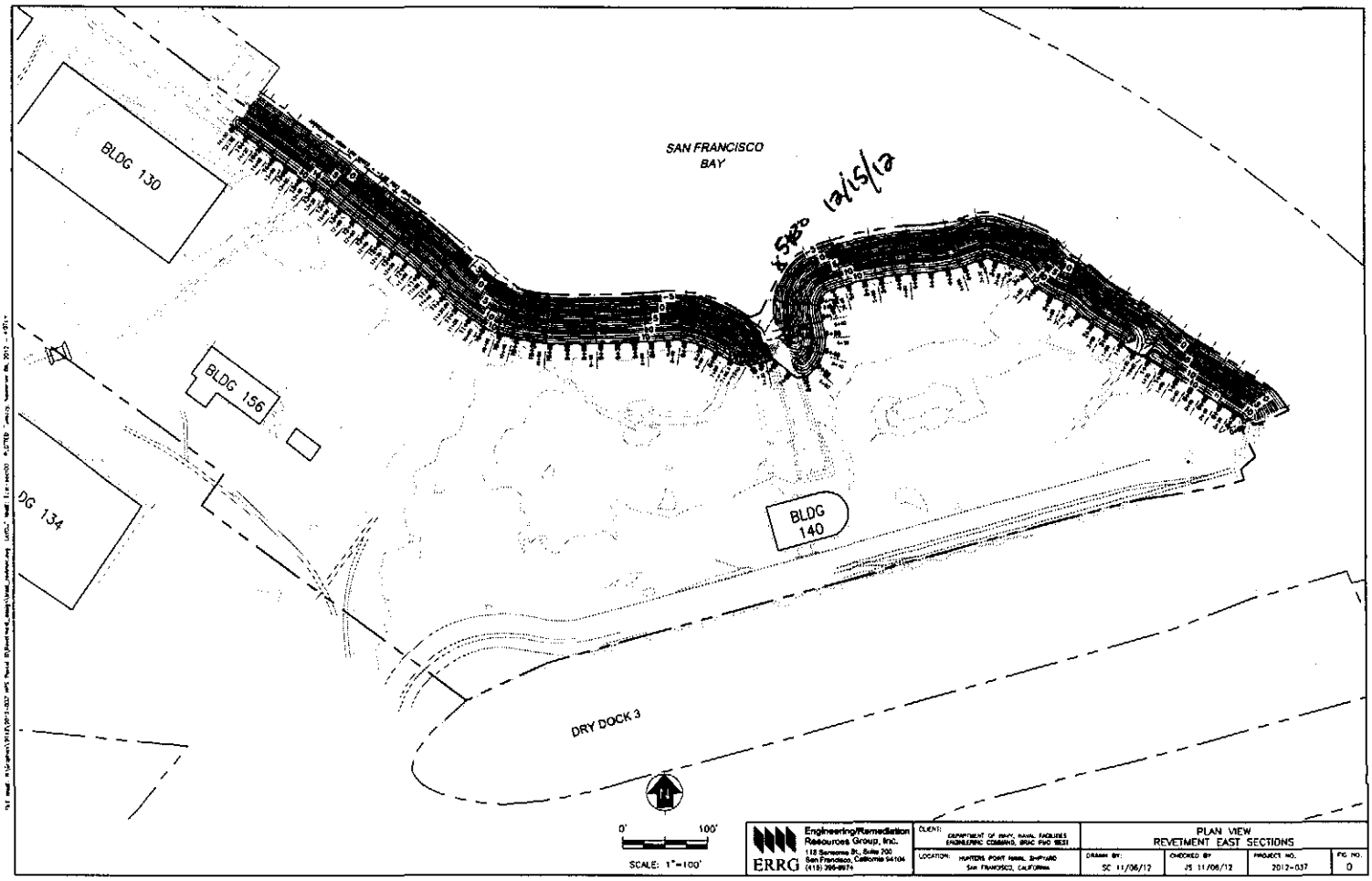
1st pH	4.00
Reading	4.00
2nd pH	7.00
Reading	7.00
3rd pH	10.00
Reading	10.01

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	____ NTU standard read ____
After Calibration	____ NTU standard read ____

Signature:

Date: 12/15/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 700
San Francisco, California 94104
(415) 398-8874
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG. NO.
SC 11/06/12	JS 11/06/12	2012-037	0

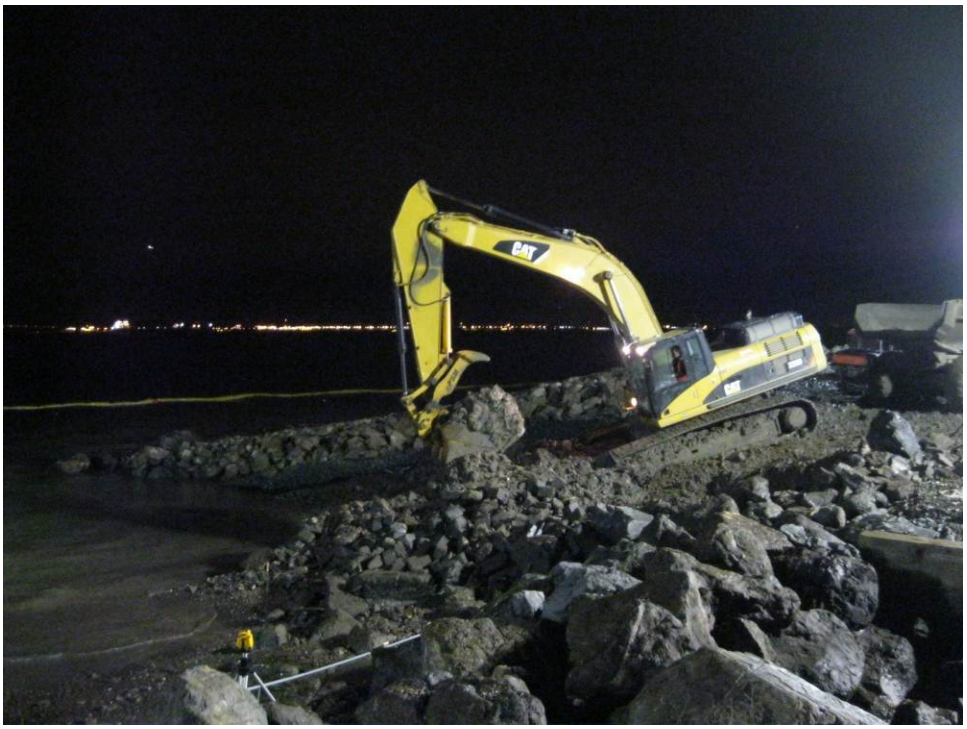


Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 5+75 and 6+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 15, 2012

Photo 2: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 5+75 and 6+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 15, 2012

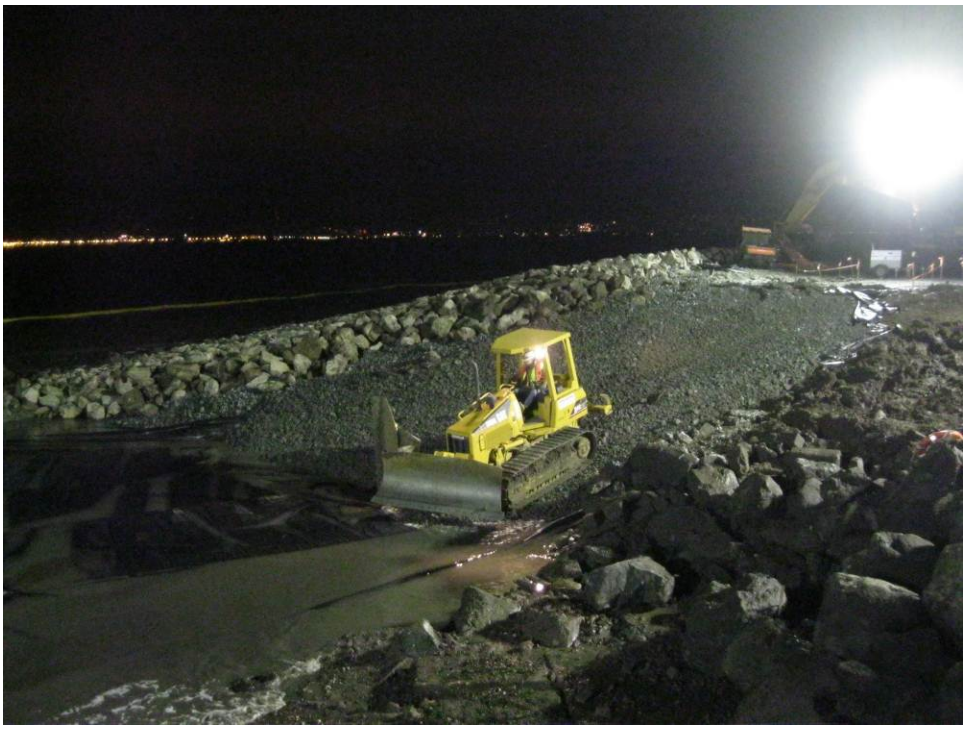


Photo 3: Shoreline Excavation and Revetment – Placement of filter rock between stations 5+75 and 6+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 15, 2012

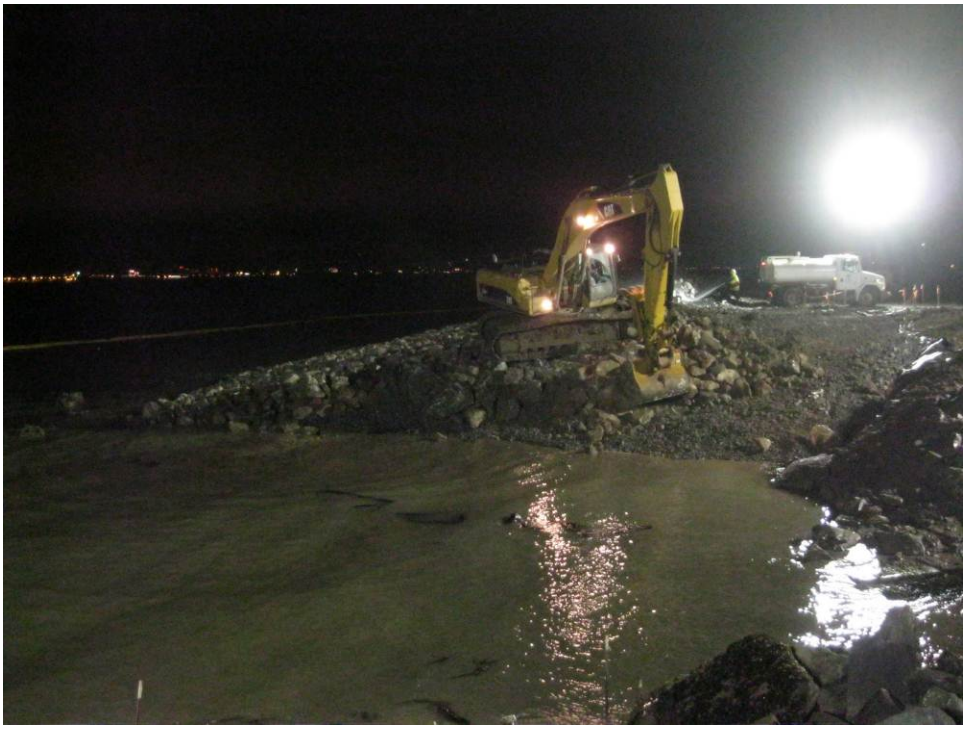


Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 5+75 and 6+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 15, 2012

Photo 5: Shoreline Excavation and Revetment – Completed segment of revetment between stations 5+75 and 6+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 15, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	16/12/12		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	028		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Rain/Cold	PM WEATHER	Cloudy/Cold
MAX TEMP (F)	50	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction,	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section for	ERRG	1	Construction Manager	8
	the cut tonight ~40' by station at the top. Excavate material to specified depth	ERRG	1	Project Manager	0
	place fabric with specified overlap, place 4" filter rock to specified thickness cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpile. Continue removing surface debris and rock	ERRG	2	QC Staff	20
	from tomorrow's cut area.	ERRG	4	Equipment Operators	26
		ERRG	5	Laborers	40
	Move to area west of pump house out fall and perforate asphalt with breaker	ERRG	2	Truck Drivers	10
	on backhoe at the border of the revement to facilitate removal during the next				
	revetment segment				

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	132
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	3777.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	3909.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	4

Schedule Activity No.	REMARKS

James Nores 12/16/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 16/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 028 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cold	Cloudy/Cold	50	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
02	ERRG	JD 710 Backhoe w/breaker attachment	2
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	4
02	United Rentals	4 light towers	16
02	ERRG	JD 200 Excavator	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/16/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/16/12 **TIME** 1800 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Shoreline Revetment

SAFETY TOPICS PRESENTED

SAFETY TOPICS Night work, spotters, working work water, STOP, RAIN

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

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	[signature]
Ray Bailey	ERRG	[signature]
Fernando Lara	ERRG	[signature]
Chris Hay	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Jim Acuiar	ERRG	[signature]
Brian Kerr	ERRG	[signature]
[illegible] Bobal	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	[illegible]	[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

AHA #: 7 Shoreline Restoration

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		12/16/12 1800
Site Safety and Health Officer:	RICHARD EPP		12/16/12 1800
Construction Quality Control Manager:	SPENCER SLOMINSKI		
Employee(s):	Tony Green		12-16-12 1800
	Greg Bailey		12-16-12 1800
	FERNANDO LOZA		12-16-12 1800
	Chris Hay		12-16-12 1800
			12-16-12 1800
	EQUIPMENT MANAGER		12-16-12 1800
	Brian Kerr		12-16-12 1800
	Mike Babst		12-16-12 1800
	Spencer Johnson		12/16/12 1800
			12/16/12 1800
			12/16/12 1800
	Spencer Slominski		12/16/12 1800

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	SUNDAY	Date:	12/16/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

EXCAVATION AND RUBBLE REMOVAL ON SHORELINE AT PUMP HOUSE INTAKE.

PLACE FABRIC, FILTER ROCK & RIP RAP.

LOWEST LIGHT LEVEL IN WORK AREA 7.1 FC

MOVED REMAINING RIP RAP FROM DRY DOCK #3 PIER.

ALL INSPECTIONS COMPLETED, NO ISSUES

SPOIL PILE COMPACTED, BMPS ADJUSTED.

EQUIPMENT: 2 EXCAVATORS, END LOADER, OFF-ROAD DUMP TRUCK, WATER TRUCK, BULLDOZER, LIGHT TOWERS, 2 KUBOTAS

Signed: [signature] Date: 12/16/12

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/6 +11/12

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
DUST MONITOR NOT DEPLOYED DUE TO INCLEMENT WEATHER					

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 16/12/12

REPORT NO 028

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
02	Excavated shoreline to design subgrade between stations 6+00 and 6+40; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 6+00 and 6+40.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

12/16/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/16/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

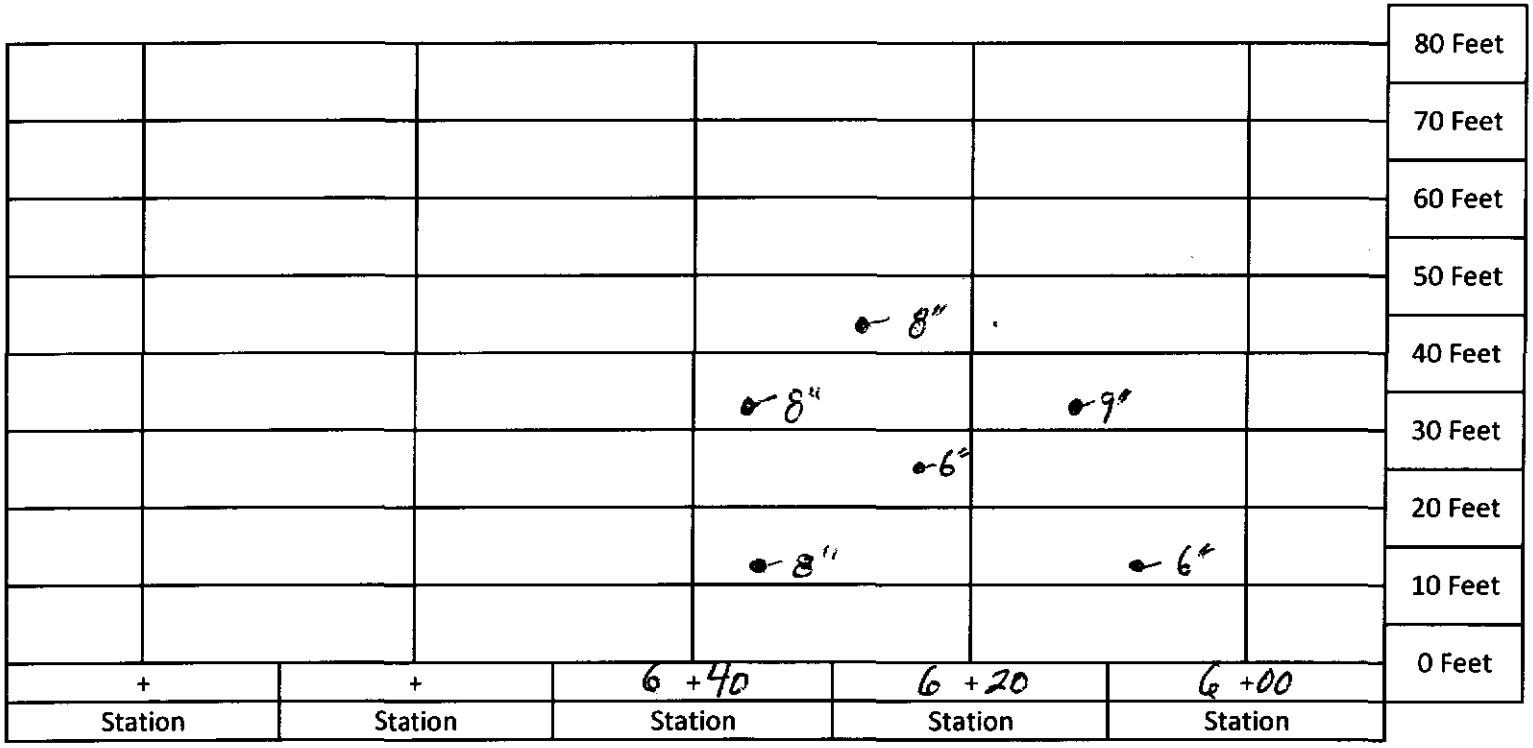
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/16/12

Filter Rock Thickness Check Locations

Date: 12/16/12
Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/16/12	Date	12/16/12
Time	2330	Time	2335
DO (mg/L)	8.72	DO (mg/L)	9.63
pH	7.58	pH	7.68
Turbidity (NTU)	94.6	Turbidity (NTU)	27.4
Temperature (°C)	13.10	Temperature (°C)	12.88

YSI Meter 3-Pt. pH Calibration Table

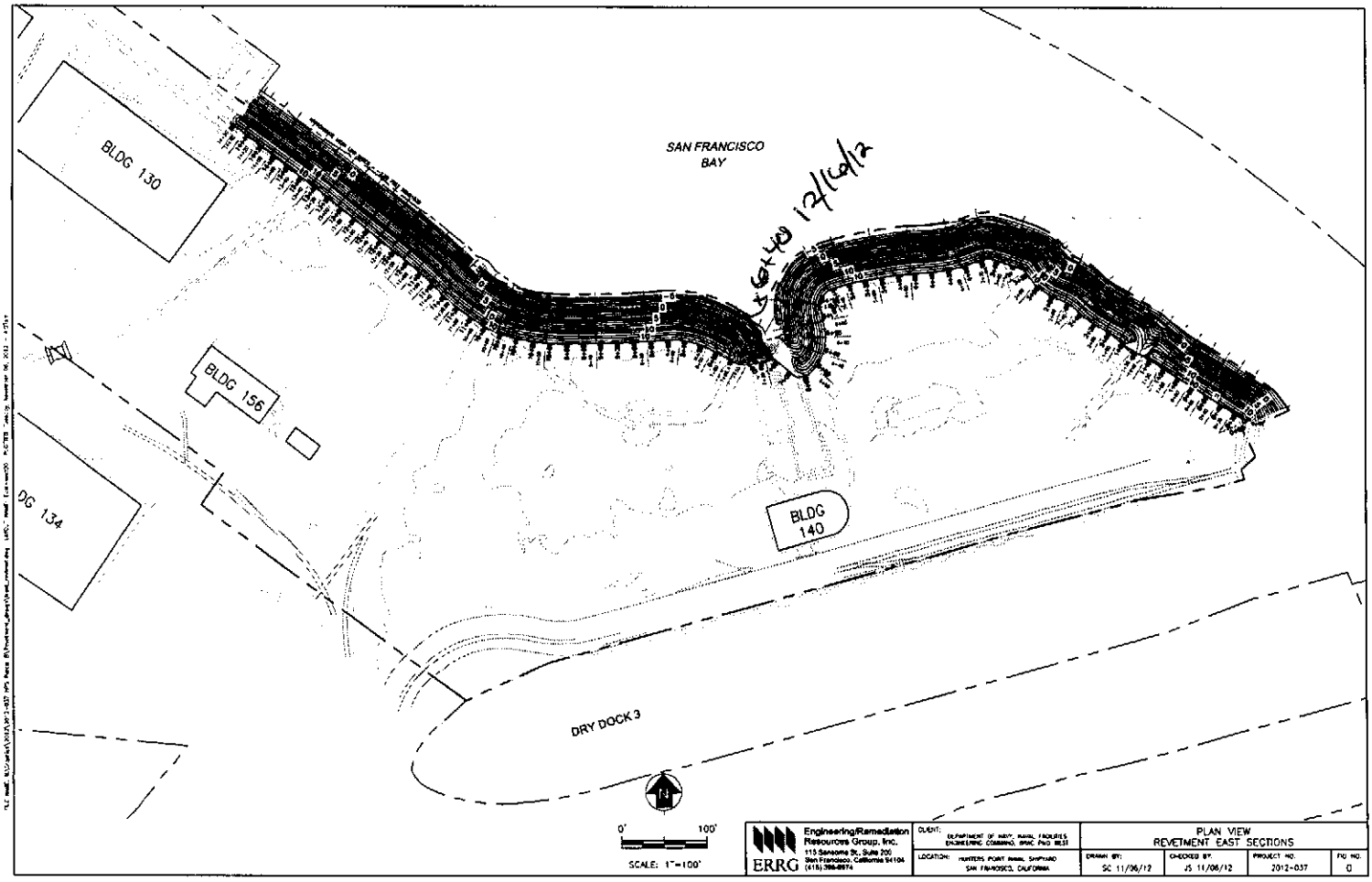
1st pH	4.00
Reading	3.99
2nd pH	7.00
Reading	7.01
3rd pH	10.00
Reading	10.02

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature: [signature]

Date: 12/16/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 200
San Francisco, California 94104
(415) 398-8874
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, WEST, PWD, BLDG

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO:	FIG NO:
SC 11/06/12	JS 11/06/12	2012-037	0

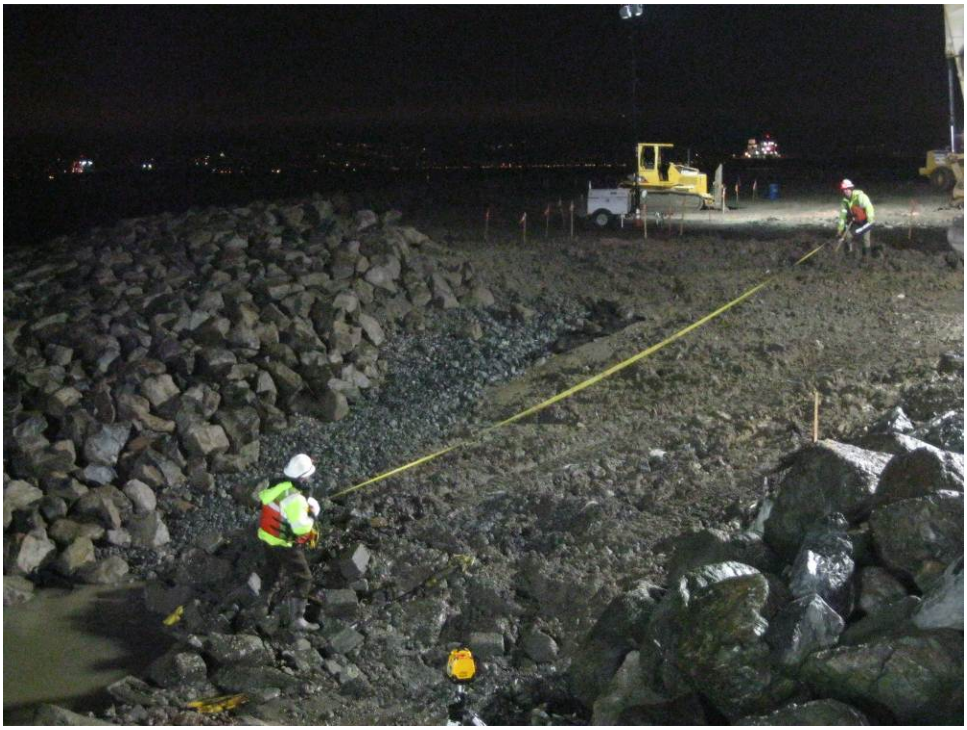


Photo 1: Shoreline Excavation and Revetment – Laying out the subgrade cut between stations 6+00 and 6+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 16, 2012

Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 6+00 and 6+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 16, 2012

Photo 3: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 6+00 and 6+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 16, 2012

Photo 4: Shoreline Excavation and Revetment – Placement of filter rock between stations 6+00 and 6+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 16, 2012

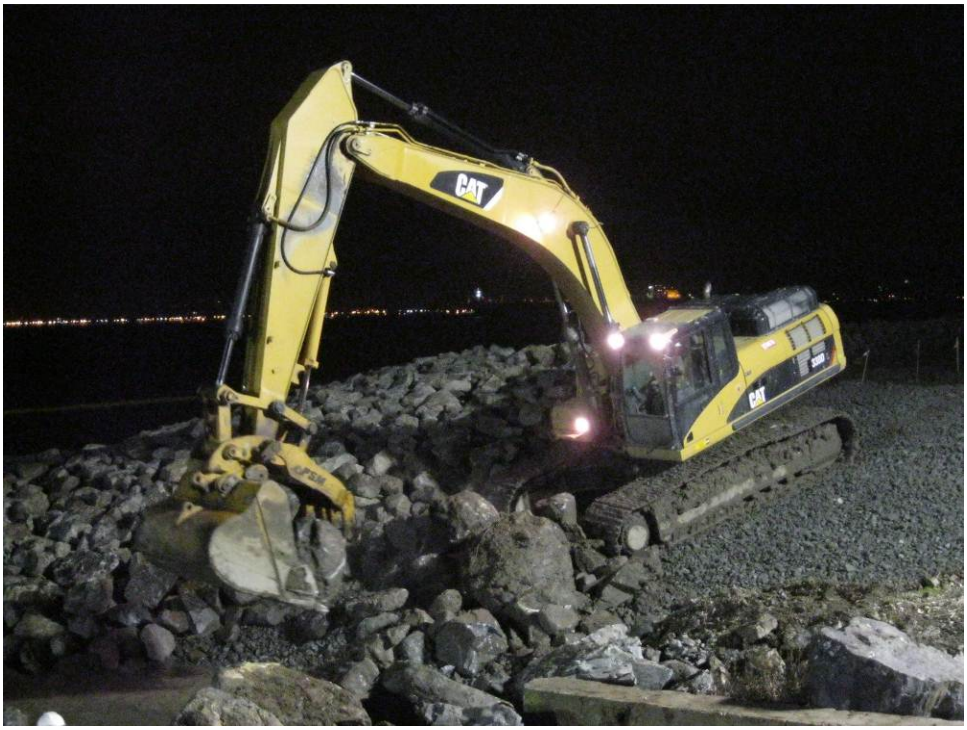


Photo 5: Shoreline Excavation and Revetment – Placement of riprap between stations 6+00 and 6+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 16, 2012

Photo 6: Shoreline Excavation and Revetment – Completed segment of revetment between stations 6+00 and 6+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 16, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	17/12/12		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	029		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold	PM WEATHER	Cloudy/Cold
MAX TEMP (F)	54	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction	ERRG	1	Superintendent	14
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	8
	the cut tonight ~70' by station at the top. Excavate material to specified depth	ERRG	1	Project Manager	0
	place fabric with specified overlap, place 4" filter rock to specified thickness, cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	19
	replace waddle around stockpile. Continue removing surface debris and rock	ERRG	2	QC Staff	22
	from tomorrow's cut area.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	38
02	Jerico on site today to unload barge, place rip rap adjacent to the dry dock	ERRG	2	Truck Drivers	10
	in a stockpile.	Jerico	5	Material Barge Crew	50

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	199
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	3909.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	4108.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	008	1664 tons rip rap
02		400' of 9" straw wattle

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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	4

Schedule Activity No.	REMARKS

James Nores 12/17/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 17/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 029 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold	Cloudy/Cold	54	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
02	ERRG	JD 710 Backhoe	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/17/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/17/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK IMPACT RIP RAP BY BARGE, SHORELINE REVEGETATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS WORKING AROUND WATER, EQUIPMENT, RAIN, MUD, MOVING ROCKS, DARK, STAY

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

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
Joe Garrick	ERRG	
Rex Magruder	ERRG	
Daniel Brunken	ERRG	
Tanner Green	ERRG	
King Barley	ERRG	
Ray Gates	JERICO	
Ben Kellogg	JERICO	
Joe Jolley	JERICO	
Phil Phrunter	JERICO	
Greg Bolcioj	JERICO	
Spencer Johnson	JERICO	
Ty Ny	ERRG	
Fernando Loza	ERRG	
Joel Madigan	ERRG	
Marlers	ERRG	
Enrique Martinez	ERRG	
Chris Hay	ERRG	
Boris Pontius	ERRG	
Jim Bagnato	ERRG	
Mike Bryant	ERRG	
Richard Epp	ERRG	

Health & Safety Officer Richard Epp **SIGNATURE**

SUPERINTENDENT James Nores **SIGNATURE**

ERRG 2012-037

VISITORS LOG

NAME PRINTED	DATE	COMPANY	SIGNATURE
David Behnken	11/14/12	ERRG	[illegible]
Peter Loveridge		ERRG	[illegible]
Alan Moellerleige		ERRG	[illegible]
Emily Jackson		ERRG	[illegible]
Christine Wang		ERRG	[illegible]
Claire Walker		ERRG	[illegible]
Peter Stroganoff	15 Nov 12	RO CC	[illegible]
Ross Steenson	16 Nov 12	CA Regional Water Board	[illegible]
Doug DeLong	16 Nov 12	Navy BRAC	[illegible]
Matthew Pena	11-26-12	Tracer	[illegible]
Wes Cassetter	11-26-12	Tracer	[illegible]
Brandon Connelly	11-29-12	Klein Felder	[illegible]
Mark Lee	11-29-12	Kleinfelder	[illegible]
David T. Behnken		ERRG	[illegible]
Michael Friedman	11-29-12	ERRG	[illegible]
Lara Urizar	12/5/12	Navy	[illegible]
David Behnken	12/5/12	ERRG	[illegible]
Arvind Acharya	12/5/12	ITSI	[illegible]
Ken Leonard	12/5/12	ITSI	[illegible]
Ryan Moya	12/13/12	DBC	[illegible]
Glen Nelson		Navy CSO	[illegible]
Ross Steenson		Regional Water Board	[illegible]
Craig Cooper		US EPA	[illegible]
Peter Stroganoff		RO CC	[illegible]
Manuel P. [illegible]	12/11/12	ITSI	[illegible]
Kimberly Zo		ITSI	[illegible]
Marty Chalcross		ITSI	[illegible]
Charles Cranister		ITSI	[illegible]
Aaron Miranda		ITSI	[illegible]
William Moore		ITSI	[illegible]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#6 Import Shoreline Mat'ls

Project #: 2012-037

AHA #: 7 Shoreline Revetment

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	12/17/12 0200
Site Safety and Health Officer:	Richard Epp	[signature]	12/17/12 0700
Construction Quality Control Manager:	Spencer Slominski	[signature]	12/17/12 0700
Employee(s):	Tony Green	[signature]	12-17-12 0700
	Kim Bailey	[signature]	12-17-12 0700
	Ray Gates	[signature]	12-17-12 0700
	Ken Kellogg	[signature]	12-17-12 0700
	Joe Jolley	Ken Kellogg	12/17/12 0700
	Phil Philbert	[signature]	12/17/12 0700
	Greg Borcini	[signature]	12-17-12 0700
	Spencer Johnson	[signature]	12/17/12 ~~07~~ 1100
	Ty Appa	[signature]	12/17/12 1600
	Fernando Loza	[signature]	12-17-12 1800
	Paul Rodriguez	[signature]	12-17-12 1800
	Brian Kerr	[signature]	12-17-12 1800
	Chris Hay	[signature]	12-17-12 1800
	Enrique Martinez	[signature]	12-17-12 1800
	Boris [illegible]	[signature]	12/17/12 1800
	Jim [illegible]	[signature]	12/17/12 1830
	Mike Babat	[signature]	12/17/12 1800

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	12/07/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN	Page:	1 of 1
Site Visitors:	SEE ATTACHED VISITORS LOG.		

Description of Field Activities:

EXCAVATION, RUBBLE REMOVAL ON WEST SIDE OF DUMP HOUSE INTAKE CHANNEL.

PLACE FABRIC, FILTER ROCK & RIPRAP ON SHORELINE ARMORING.

LOWEST LIGHT LEVEL 6.1 Fc

ALL INSPECTIONS COMPLETED; NO ISSUES

WORK STOCKPILE STAGED, BMPs IN PLACE.

RECEIVED RIPRAP BY BARGE AT DRY DOCK #3.

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, BULLDOZER AND LOADER, LIGHT TOWER, WATER TRUCK, 2 KUBOTAS

Signed: _____ Date: 12/07/12

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: 6 of 6
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	12/17/12				
DUST MONS NOT DOWNED DUE TO INCLEMENT WEATHER					
					RKEpp

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW 11078

Project Number / Name: HPNS POKCOR B **Rental** ☐ **ERRG** ☒

Inspected By / Date:	RJS 12/10/12			RJS 12/11/12			RJS 12/12/12			RJS 12/13/12			RJS 12/14/12			
Daily Hours:	915.9			919.2			922.4			925.0			927.4			
	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: KUBOTA **Identification Number:** TW1079

Project Number / Name: KIKI KIKI KIKI KIKI KI **Rental** ☐ **ERRG** ☒

Inspected By / Date:	12-10-12			12-11-12			12-12-12			12-13-12			12-14-12			
Daily Hours:	1079.3			1080.6			[redacted] 1083.0			1085.6			1088.6			
	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: Manlift Genie S.65 **Identification Number:** 744946

Project Number / Name: Hunters Point 2012037 **Rental** ☑ **ERRG** ☐

Inspected By / Date:	Tony 12-10-12															**Defect(s):**
Daily Hours:	2852.6															
	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: HAUL TRUCK CAT **Identification Number:** M 15397

Project Number / Name: HRNS **Rental** ☒ **ERRG** ☐

Inspected By / Date:	12-5-12 FL	12-10-12 FL	12-11-12	12-12-12	12-13-12	
Daily Hours:	3031.5	3035.6	3042.9	3050.6	3057.9	
	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?	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	☑ ☐ ☐	
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: TAIL LIGHTS NOT WORKING SMALL DAMAGE ON REAR TIRES.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 330 CAT Excavator **Identification Number:** _____

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

Inspected By / Date:	BP 12/10			BP 12/11			BP 12/12			BP 12/13			BP 12/14			
Daily Hours:	1891			1898			1903			1910			1919			
	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 o[illegible]	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and sig[illegible]	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
[illegible]	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
[illegible]	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	

Explain c[illegible] Added Motor oil (1 Gallon on 1[illegible]

* Su[illegible]or is leaking oil from vent [illegible]

* Windshield crack

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: EXCAVATOR 200C **Identification Number:** TW11027

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

Inspected By / Date:	12-9-12			12-12-12			12-14-12									
Daily Hours:	4417.7			4427.5			4433.2									
	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: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 17/12/12
REPORT NO 029

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
02	Imported riprap material to the site by barge (see Contractor Production Report for quantity).
	Excavated shoreline to design subgrade between stations 8+40 and 9+10; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 8+40 and 9+10.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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	ITSI personnel were on site performing work at the Parcel B monitoring wells.

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

12/17/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/17/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

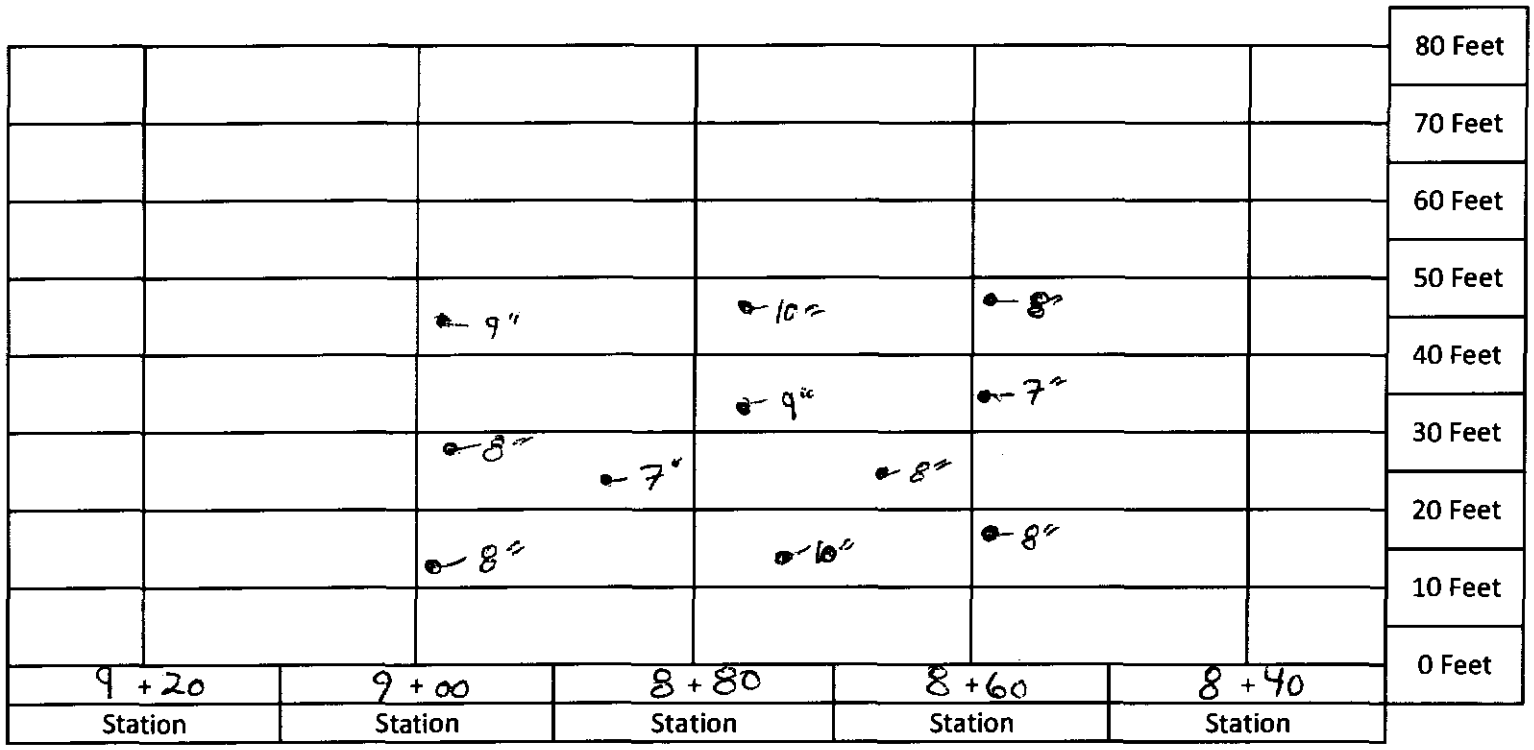
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/17/12

Filter Rock Thickness Check Locations

Date: 12/17/12
Checked By: SS



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/17/12	Date	12/17/12
Time	2220	Time	2230
DO (mg/L)	9.34	DO (mg/L)	9.64
pH	7.39	pH	7.64
Turbidity (NTU)	41.8	Turbidity (NTU)	31.4
Temperature (°C)	12.70	Temperature (°C)	12.54

YSI Meter 3-Pt. pH Calibration Table

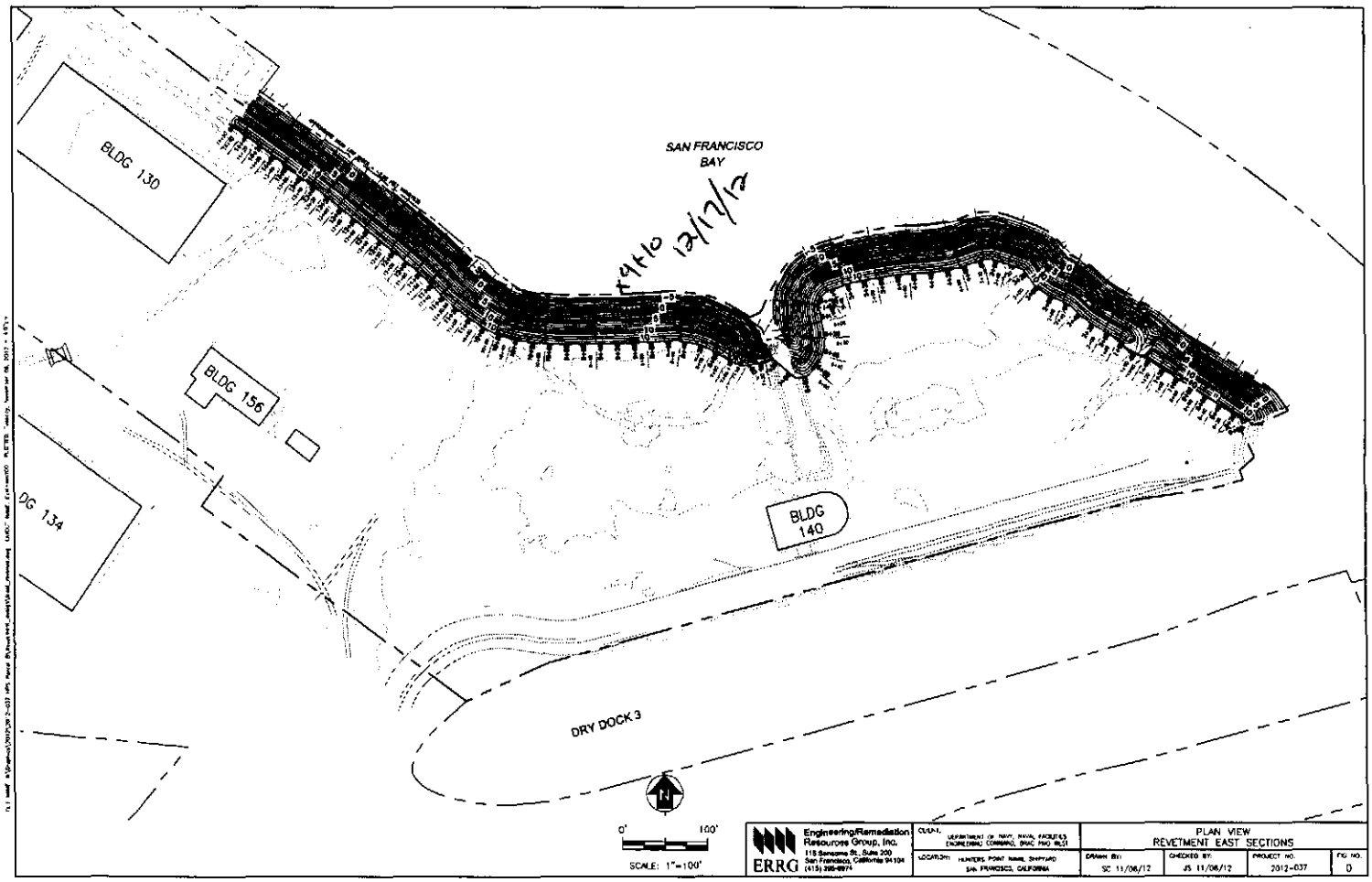
1st pH	4.00
Reading	4.01
2nd pH	7.00
Reading	7.00
3rd pH	10.00
Reading	10.00

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	____ NTU standard read ____
After Calibration	____ NTU standard read ____

Signature: B. Kerr

Date: 12/17/12



Engineering/Remediation Resources Group, Inc.
118 Sonoma St., Suite 200
San Francisco, California 94104
(415) 398-8874
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG. NO.
SC 11/06/12	JS 11/06/12	2012-037	D

Photo 1: Shoreline Excavation and Revetment – Stockpile of riprap imported to the site by barge

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 17, 2012

Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 8+40 and 9+10

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 17, 2012

Photo 3: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 8+40 and 9+10

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 17, 2012

Photo 4: Shoreline Excavation and Revetment – Placement of filter rock between stations 8+40 and 9+10

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 17, 2012

Photo 5: Shoreline Excavation and Revetment – Placement of riprap between stations 8+40 and 9+10

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 17, 2012

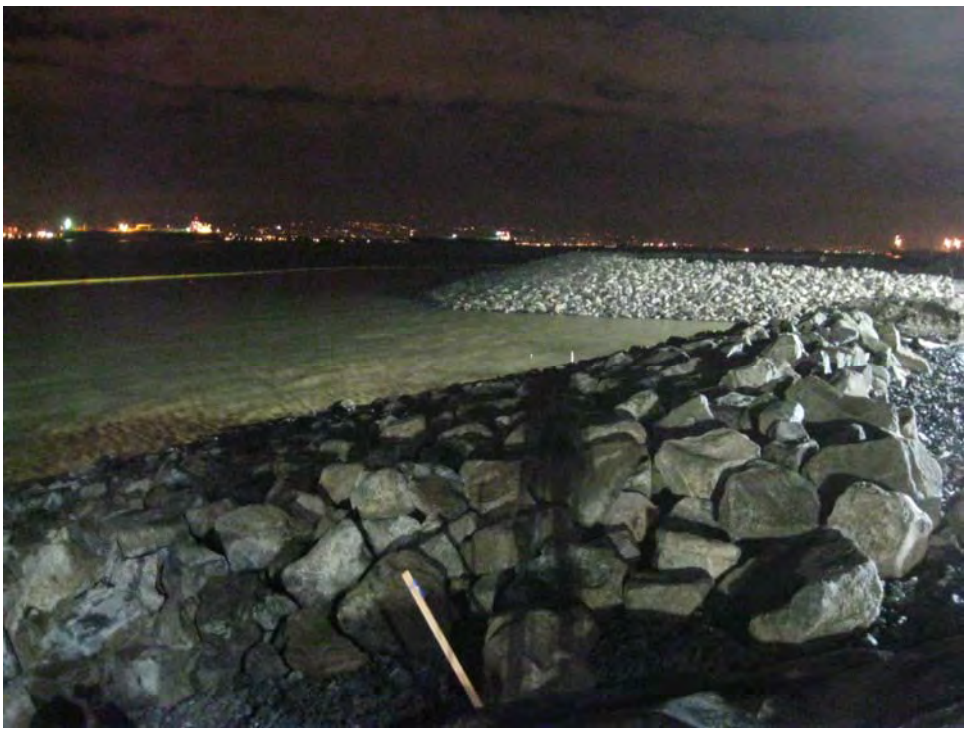


Photo 6: Shoreline Excavation and Revetment – Segment of revetment between stations 8+40 and 9+10

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 17, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 26/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 030

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold/Rain	Cloudy/Cold	52	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	0
	the cut tonight ~90' by station at the top. Excavate material to specified depth	ERRG	1	Project Manager	0
	place fabric with specified overlap, place 4" filter rock to specified thickness cap	ERRG	1	QC Manager	8
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpile. Continue removing surface debris and rock	ERRG	2	QC Staff	18
	from tomorrow's cut area.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	32
		ERRG	2	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	116
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	4108.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	4224.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	2

Schedule Activity No.	REMARKS

James Nores 12/26/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 26/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 030 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold/Rain	Cloudy/Cold	52	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		
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
02	Harris Blade	10 Wheel Dump	6
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/26/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/26/12 **TIME** 1430 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REMEDIATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS WORKING NEAR WATER, DARK, RAIN, MUD + STANDING WATER, ST+F

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

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
Tracey Green	ERRG	[signature]
[illegible]	[illegible]	[signature]
Jim Aguian	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Spencer Slomanski	ERRG	[signature]
Chris Hay	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	[illegible]	[signature]
Fernando Loza	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]
Kimy Bailey	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

AHA #: #7 Sherwood Rmt

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	12/26/12 1730
Site Safety and Health Officer:	RICHARD EPP	[signature]	12/26/12 1730
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	12/26/12 1430
Employee(s):	Tony Green	[signature]	12-26-12 1730
	Paul Rodriguez	[signature]	12-26-12 1430
	Jim Aguirre	[signature]	12-26-12, 1430
	Brian Kerr	[signature]	12-26-12 1430
	Chris Aay	[signature]	12-26-12 1430
	ENRIQUE MARTINEZ	[signature]	12-26-12 - 14:30
	Bonis P.	[signature]	12/26/12 1430
	Fernando Loza	[signature]	12/26/12 1430
	Spencer Johnson	[signature]	12/26/12 1430
	Mike Bubst	[signature]	12/26/12 1430
	Kirby Bailey	[signature]	12/26/12 1430

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	12/26/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST → CLEAR, WIND	Page:	1 of 1
Site Visitors:	(NONE)		

Description of Field Activities:

EXCAVATION & DEBRIS REMOVAL @ CARRIAGE

PLACE FABRIC, FILTER ROCK & RIPRAP REVETMENT. LIGHT LEVELS IN WORK AREA WAS MINIMUM OF 5.7 FC

ALL INSPECTIONS COMPLETED, NO ISSUES

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, 10 YD DUMP TRUCK, BULLDOZER, LOADER, LIGHT TOWERS, WATER TRUCK, 2 KUBOTAS

Signed: Richard Epp Date: 12/26/12

ERRG

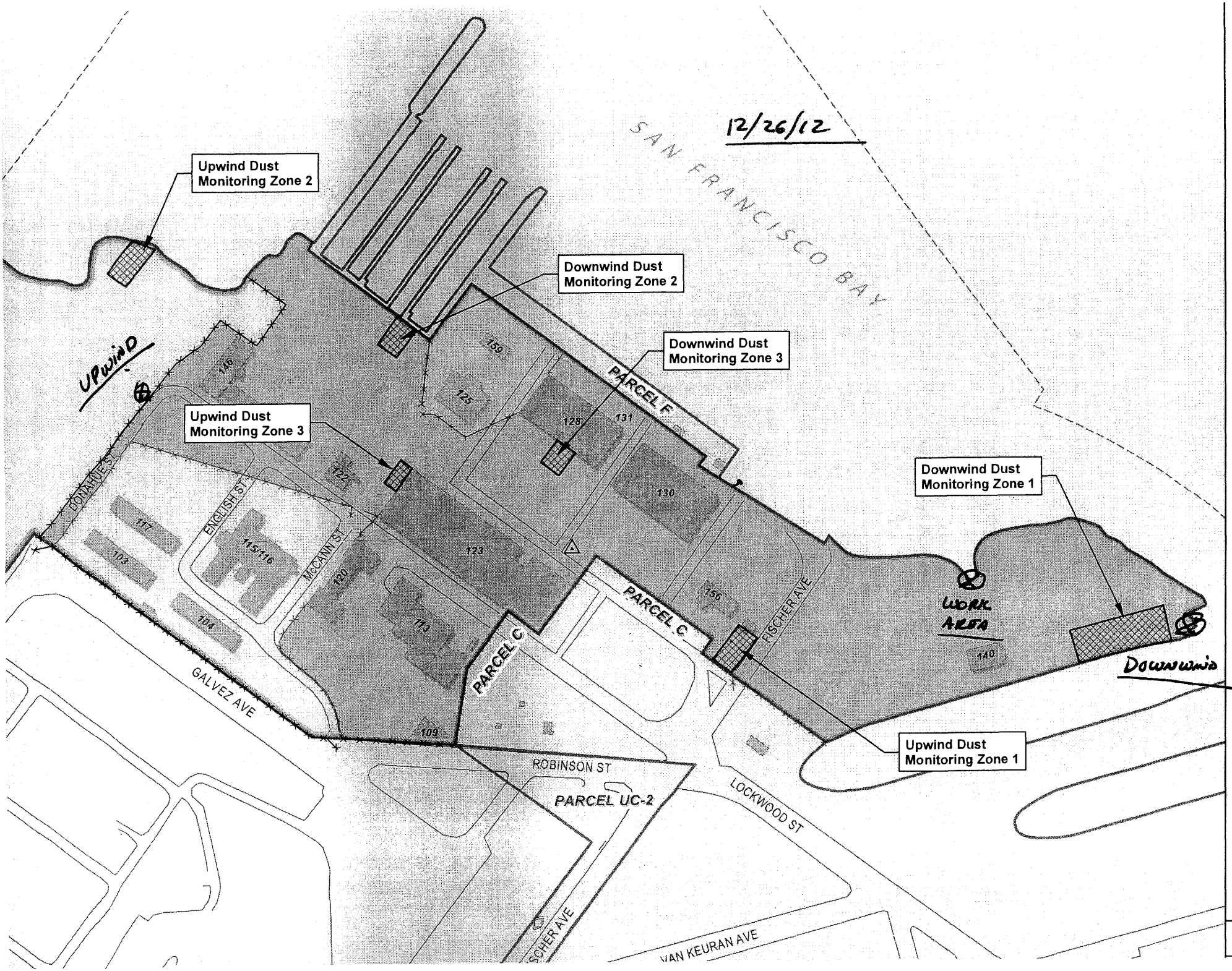
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/26/12 @ 1500

Client: US Navy
Project No.: 2012-037
Page: 1 of 2
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND - DEWEY ST. MOTOR # 1161	12/26/12	1547	0.019	0.018	
		1710	0.000	0.003	
		1848	0.000	0.000	
		1932	0.000	0.000	
		2024	0.000	0.000	
		2126	0.000	0.000	
WORK AREA - SHIPYARD MOTOR # 1081	12/26/12	1602	0.024	0.021	
		1717	0.009	0.013	
		1838	0.002	0.011	
		1940	0.003	0.009	
		2030	0.016	0.012	
		2131	0.005	0.016	
DOWNWIND - DRY DOCK #3 @ SHIPYARD - # 10973	12/26/12	1558	0.017	0.027	
		1714	0.010	0.011	
		1843	0.007	0.010	
		1937	0.005	0.009	
		2033	0.021	0.009	
		2137	0.010	0.010	


12/26/12
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
UPWIND
WORK AREA
DOWNWIND
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
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
156
140
109

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Front End Loader **Identification Number:** 644 J

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

Inspected By / Date:	11-12-12 JH	11-13-12 JH	11-14-12 JH	11-15-12 JH		
Daily Hours:	3672.0	3676.9	3681.6	3685.0		

	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	FRONT LIGHT INOP
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	Front Light INOP
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Front Light, INOP
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	but on ORDER
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: Yellow water truck **Identification Number:** _____

Project Number / Name: W854 Parcel B **Rental** ☐ **ERRG** ☒

Inspected By / Date:	11-12-12 JR	11-13-12 JR	11-14-12	11-15-12	11-16-12
Daily Hours:	5068.6	5073.6	5075.9	5078.2	5085.6 JR

	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	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐

Defect(s):

Tires have some wear. Damage to right step. Damage to both back master cylinders leaks. Pump leaks

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: yellow Watson truck **Identification Number:** _____

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

Inspected By / Date:	11-26-12			11-27-12			11-28-12			11-29-12						
Daily Hours:	5099.6 PR			5100.1 PR			5105.5 PR			5110.6 PR						
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	Master cylinder leak, Power steering leaks
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	
Brakes	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

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

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

Inspected By / Date:	12/10/12 PR			12/11/12 PR			12/12/12 PR			11/13/12 PR			11-14-12 PR			Defect(s):
Daily Hours:	346.2			347.8			349.4			351.2			354.0			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☑	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	RPM's don't go up on pto
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	back lights don't work
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Water Hose Leaks Let Torey know
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	belt was worn
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: 12/14/12 Torey Fix hose and lights

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

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

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

Inspected By / Date:	12-15-12 PR	12-16-12	12-17-12			
Daily Hours:	350.3	358.9	360.2			

	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	Fan belt is needed let Tony know about it PTO RPM over drive button don't work PTO is getting stuck can't pull up at times
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: 330 Cat Excavator **Identification Number:** _____

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

Inspected By / Date:	12/15 BP			12/16 BP			12/17 BP									**Defect(s):**
Daily Hours:	1931			1943			1945									
	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: Windshield Crack

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 26/12/12

REPORT NO 030

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
02	Excavated shoreline to design subgrade between stations 9+10 and 10+00; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 9+10 and 10+00.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

12/26/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/26/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

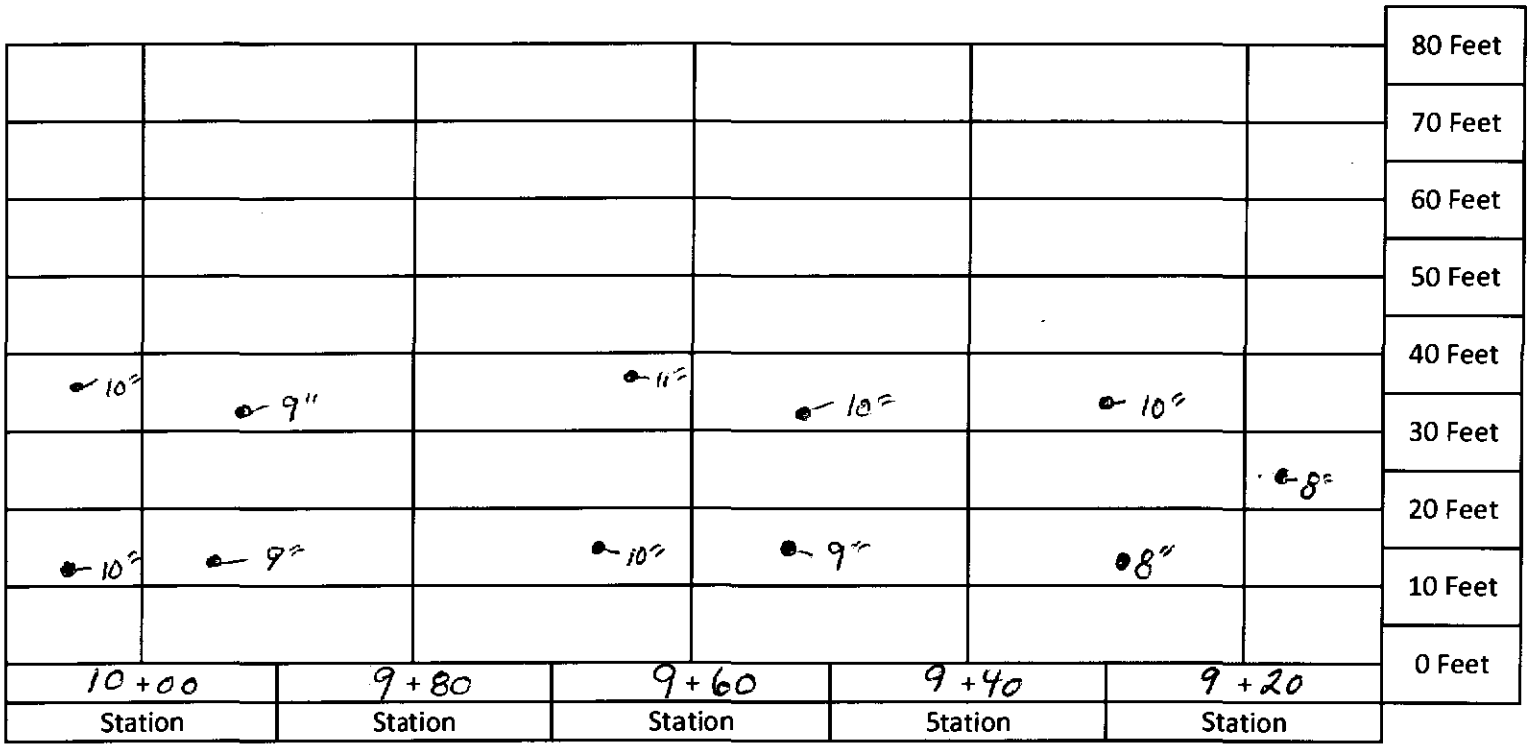
Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/26/12

Filter Rock Thickness Check Locations

Date: 12/26/12

Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/26/12	Date	12/26/12
Time	2024	Time	2018
DO (mg/L)	2.24	DO (mg/L)	2.42
pH	7.75	pH	7.71
Turbidity (NTU)	460	Turbidity (NTU)	29.2
Temperature (°C)	11.18	Temperature (°C)	11.27

YSI Meter 3-Pt. pH Calibration Table

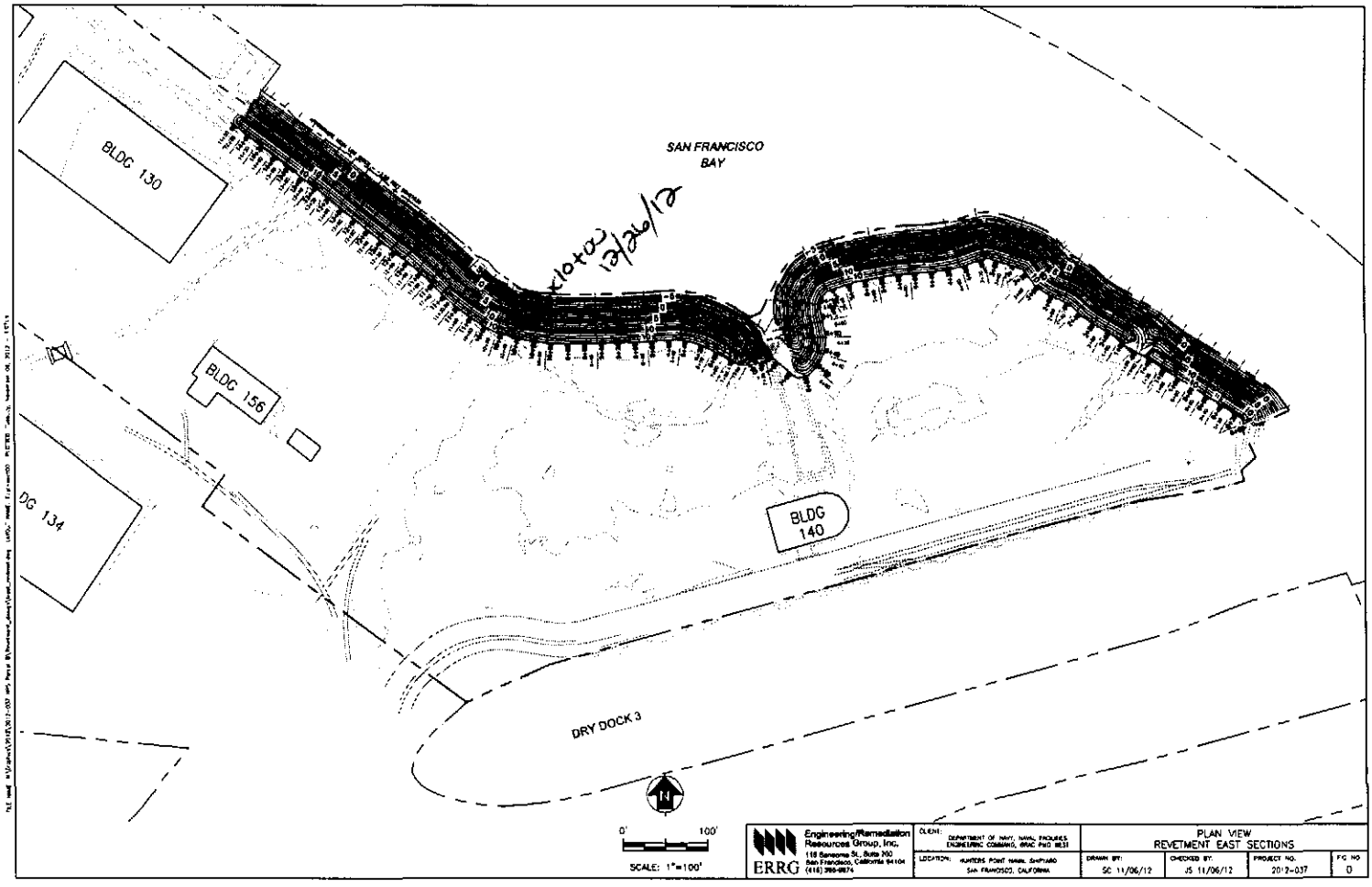
1st pH	4.00
Reading	3.99
2nd pH	7.00
Reading	7.02
3rd pH	10.00
Reading	10.02

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	____ NTU standard read ____
After Calibration	____ NTU standard read ____

Signature: B. Kerr

Date: 12/26/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 700
San Francisco, California 94104
(415) 398-8874
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG NO
SC 11/06/12	JS 11/06/12	2017-037	0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 9+10 and 10+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 26, 2012

Photo 2: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 9+10 and 10+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 26, 2012

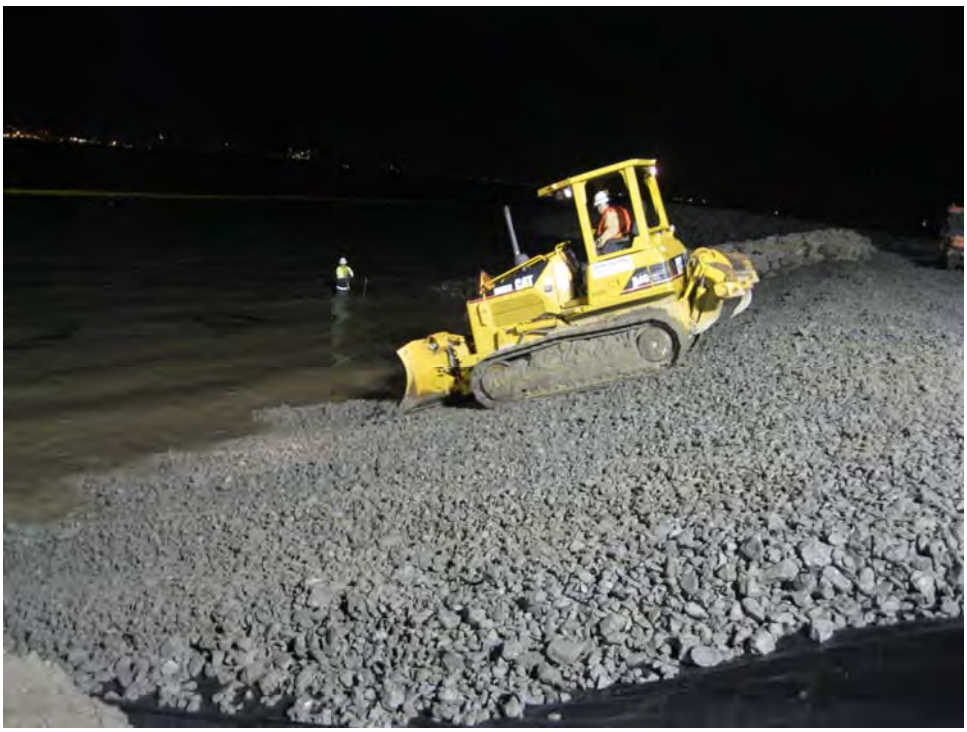


Photo 3: Shoreline Excavation and Revetment – Placement of filter rock over the geotextile fabric between stations 9+10 and 10+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 26, 2012

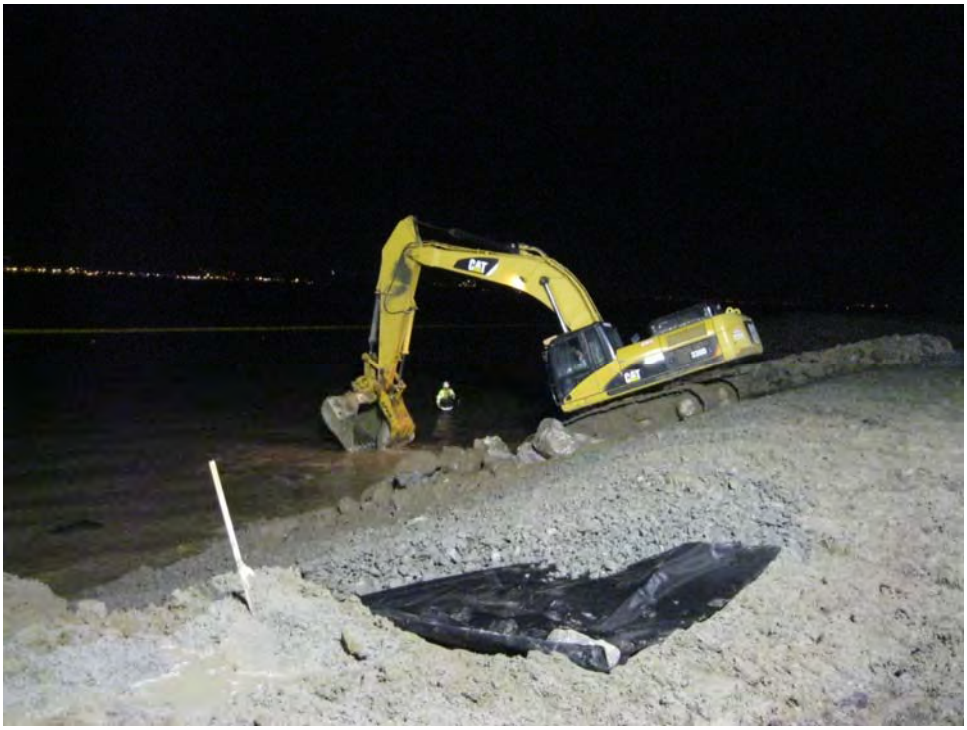


Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 9+10 and 10+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 26, 2012

Photo 5: Shoreline Excavation and Revetment – Placement of riprap between stations 9+10 and 10+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 26, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	27/12/12		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	031		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold/Rain	PM WEATHER	Cloudy/Cold
MAX TEMP (F)	55	MIN TEMP (F)	45

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction,	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	0
	for the cut tonight ~60' by station at the top. Excavate material to specified depth	ERRG	1	Project Manager	0
	place fabric with specified overlap, place 4" filter rock to specified thickness cap	ERRG	1	QC Manager	8
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpile. Continue removing surface debris and rock	ERRG	2	QC Staff	18
	from tomorrow's cut area, and making top of revetment grade cuts.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	40
	QC meeting today at 1630 with ROICC (Peter Stroganoff), ERRG QC staff	ERRG	2	Truck Drivers	12
	(Spencer Slominski, Spencer Johnson, Michael Babst), ERRG H&S (Dick Epp),				
	and ERRG Superintendent (Jim Nores).				

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	4224.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	4348.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	2

Schedule Activity No.	REMARKS

James Nores 12/27/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 27/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 031 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold/Rain	Cloudy/Cold	55	45

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
02	Harris Blade	10 Wheel Dump	6
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores 12/27/12

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/27/12 **TIME** 1500 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, MUD, STANDING WATER, DARK, WORK NEAR WATER, EQUIPMENT

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

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]
Tommy Green	ERRG	[signature]
Chris Hay	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Spencer Slomanski	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
[illegible]	[illegible]	[signature]
Enrique Martinez	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Spencer Johnson	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG 2012-037

VISITORS LOG

NAME PRINTED	DATE	COMPANY	SIGNATURE
[illegible]	11/14/12	ERRG	[illegible]
PETER LOVERIDGE		ERRG	[illegible]
ALAN MUELLER-LEIGE		ERRG	[illegible]
EMILY JACKSON		ERRG	[illegible]
Christine Wang		ERRG	[illegible]
Claire Walker		ERRG	[illegible]
PETER STROGANOFF	15 Nov 12	ROICC	[illegible]
ROSS STEENSON	16 NOV 12	CA REGIONAL WATER BOARD	[illegible]
DAVID DELONG	16 Nov 12	NAVY DRAC	[illegible]
MATTHEW PENA	11-26-12	TRACER	[illegible]
CHES CASSETER	11-26-12	TRACER	[illegible]
Brandon Connelly	11-29-12	Klein Felder	[illegible]
Mark Lee	11-29-12	Kleinfelder	[illegible]
DAVID T. BEHNKEN		ERRG	[illegible]
Michael Friedman	11-29-12	ERRG	[illegible]
Lara Urizar	12/5/12	NAVY	[illegible]
DAVID BEHNKEN	12/5/12	ERRG	[illegible]
ARVIND ACHARYA	12/5/12	ITSI	[illegible]
Ken Leonard	12/5/12	ITSI	[illegible]
Ryan Miya	12/13/12	DTSC	[illegible]
Glen Nelson		Navy CSO	[illegible]
ROSS STEENSON		REGIONAL WATER BOARD	[illegible]
CRAIG COOPER		US EPA	[illegible]
Peter Strogan[illegible]		ROICC	[illegible]
[illegible]	12/11/12	ITSI	[illegible]
Kimberly Zo		ITSI	[illegible]
MARTY [illegible]		ITSI	[illegible]
Charles Cronister		ITSI	[illegible]
Aaron Miranda		ITSI	[illegible]
William Moore		ITSI	[illegible]
Peter Strogan[illegible]	27 Dec 12	ROICC	[illegible]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 Shoreline Revetment

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	12/27/12 1500
Site Safety and Health Officer:	RICHARD EPP	[signature]	12/27/12 1500
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	12/27/12 - 1500
Employee(s):	King Bailey	[signature]	12-27-12 - 1530
	Tony Green	[signature]	12-27-12 1530
	Chris Hay	[signature]	12-27-12 1500
	FERNANDO LEZA	[signature]	12-27-12 - 1500
	Brian Kerr	[signature]	12-27-12 1500
	Jim Aguiar	[signature]	12-27-12 1500
	[illegible]	[signature]	12/27/ 1500
	ENRIQUE MARTINEZ	[signature]	12-27-12 - 1500
	Raul Rodriguez	[signature]	12-27-12 1500
	Spencer Johnson	[signature]	12/27/12 1500

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	12/27/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	PETER STRASINOFF, ERRG		

Description of Field Activities:

EXCAVATION & REMOVAL OF SHORE RUBBLE

PLACE FABRIC, DRAINROCK & RIPRAP. MINIMUM LIGHT LEVEL IN WORK AREA IS 5.4 FC.

ALL INSPECTIONS COMPLETED, NO ISSUES.

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, 10 YD. DUMP TRUCK, WATER TRUCK, END LOADER, LIGHT TOWERS, 2 KUBOTAS.

Signed: [signature] Date: 12/27/12

ERRG

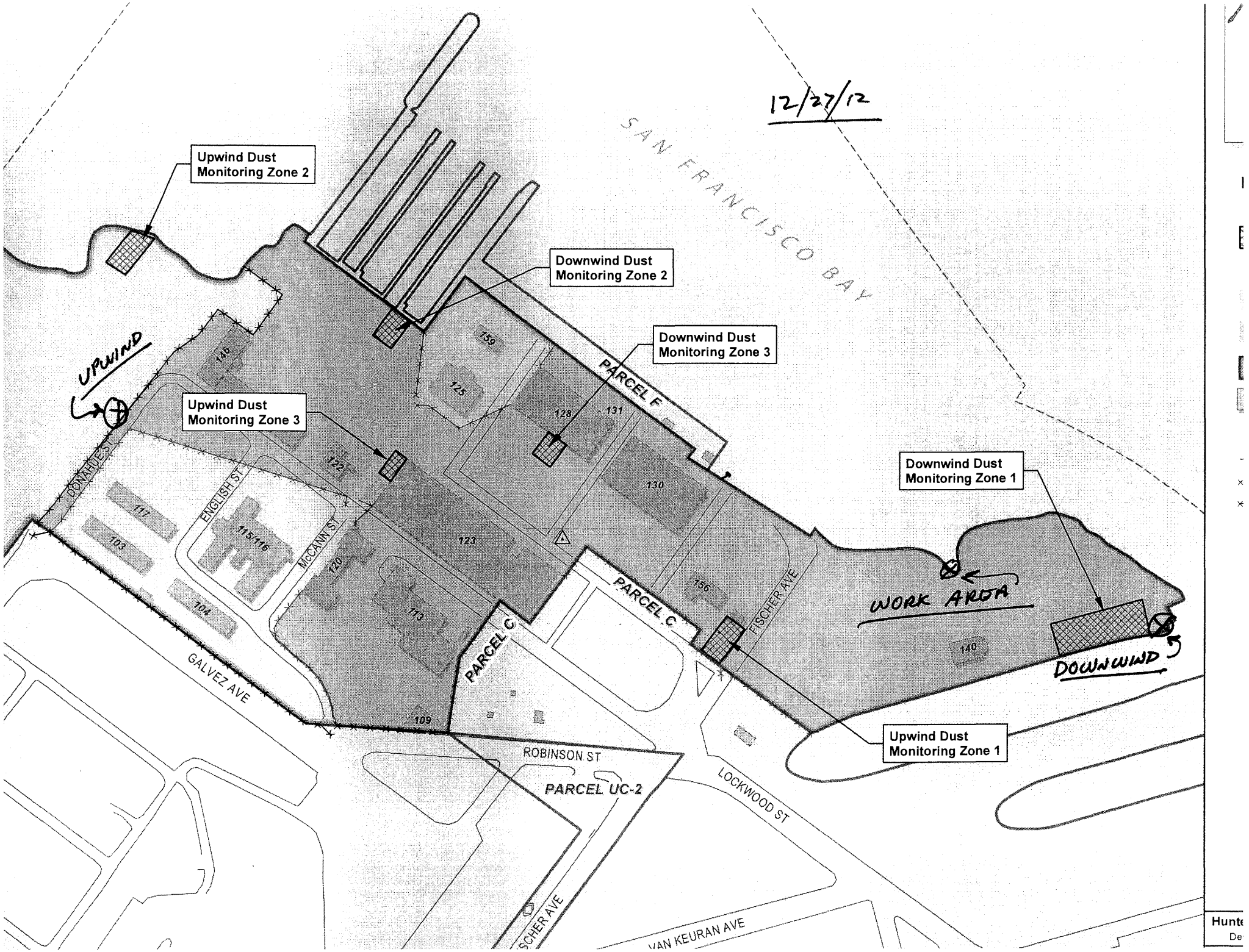
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/26/12

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 St. Monitor # 1161	12/27/12	1617	0.021	0.023	
		1715	0.004	0.016	
		1815	0.004	0.010	
		1922	0.000	0.006	
		2107	0.000	0.000	
		2205	0.000	0.004	
WORK AREA Shoreline Monitor # 1008	12/27/12	1622	0.012	0.014	
		1720	0.009	0.015	
		1825	0.005	0.012	
		1927	0.005	0.011	
		2057	0.005	0.006	
		2200	0.004	0.003	
DOWNWIND Dry Dock #3 @ Shoreline - # 10973	12/27/12	1625	0.011	0.010	
		1707	0.023	0.015	
		1828	0.017	0.016	
		1930	0.017	0.020	
		2103	0.013	0.016	
		2156	0.008	0.014	


12/27/12
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
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
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
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 27/12/12

REPORT NO 031

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
02	Excavated shoreline to design subgrade between stations 10+00 and 10+60; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 10+00 and 10+60.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff), ERRG QCM (Spencer Slominski), ERRG SSHO (Richard Epp),
	ERRG Superintendent (James Nores), 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

12/27/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/27/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

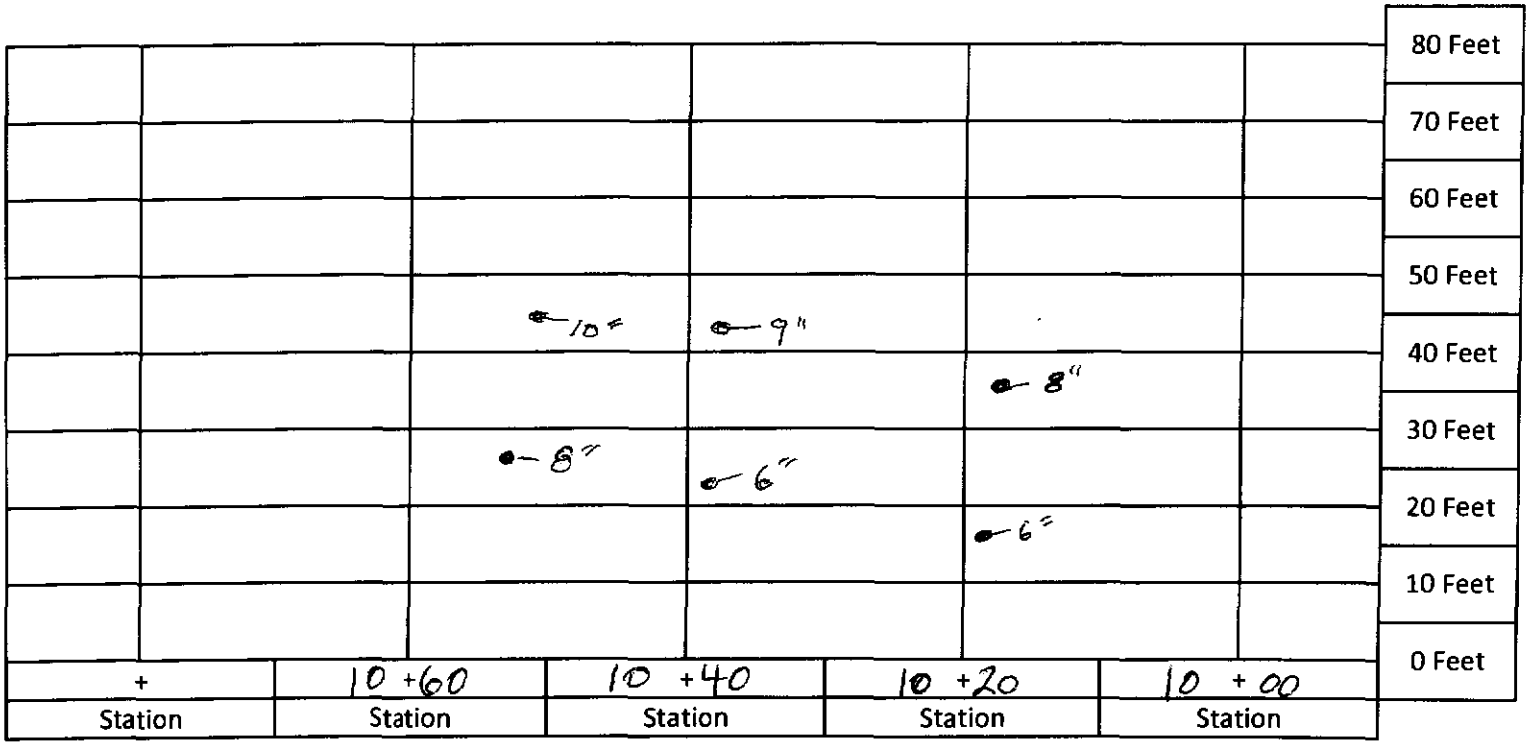
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/27/12

Filter Rock Thickness Check Locations

Date: 12/27/12
Checked By: SS



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/27/12	Date	12/27/12
Time	1954	Time	1946
DO (mg/L)	3.21	DO (mg/L)	3.27
pH	7.65	pH	7.47
Turbidity (NTU)	31.2	Turbidity (NTU)	38.8
Temperature (°C)	11.06	Temperature (°C)	11.25

YSI Meter 3-Pt. pH Calibration Table

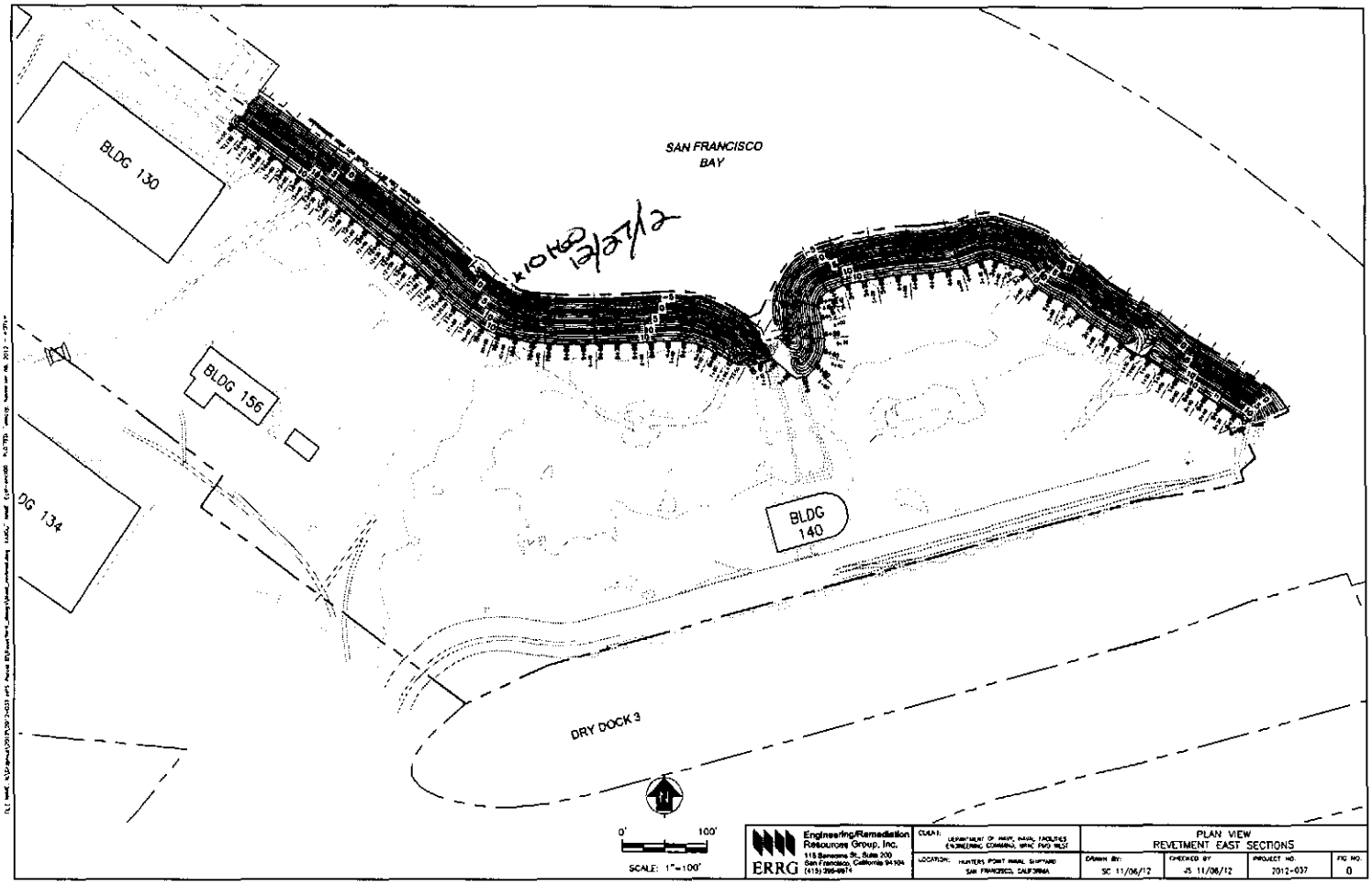
1st pH	4.00
Reading	4.01
2nd pH	7.00
Reading	7.00
3rd pH	10.00
Reading	10.01

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	____ NTU standard read ____
After Calibration	____ NTU standard read ____

Signature:

Date: 12/27/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 200
San Francisco, California 94104
(415) 398-8874
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, WEST, PWD, WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO:	FIG NO:
SC 11/06/12	JS 11/06/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 10+00 and 10+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 27, 2012

Photo 2: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 10+00 and 10+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 27, 2012

Photo 3: Shoreline Excavation and Revetment – Placement of filter rock over the geotextile fabric between stations 10+00 and 10+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 27, 2012

Photo 4: Shoreline Excavation and Revetment – Completed placement of filter rock between stations 10+00 and 10+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 27, 2012

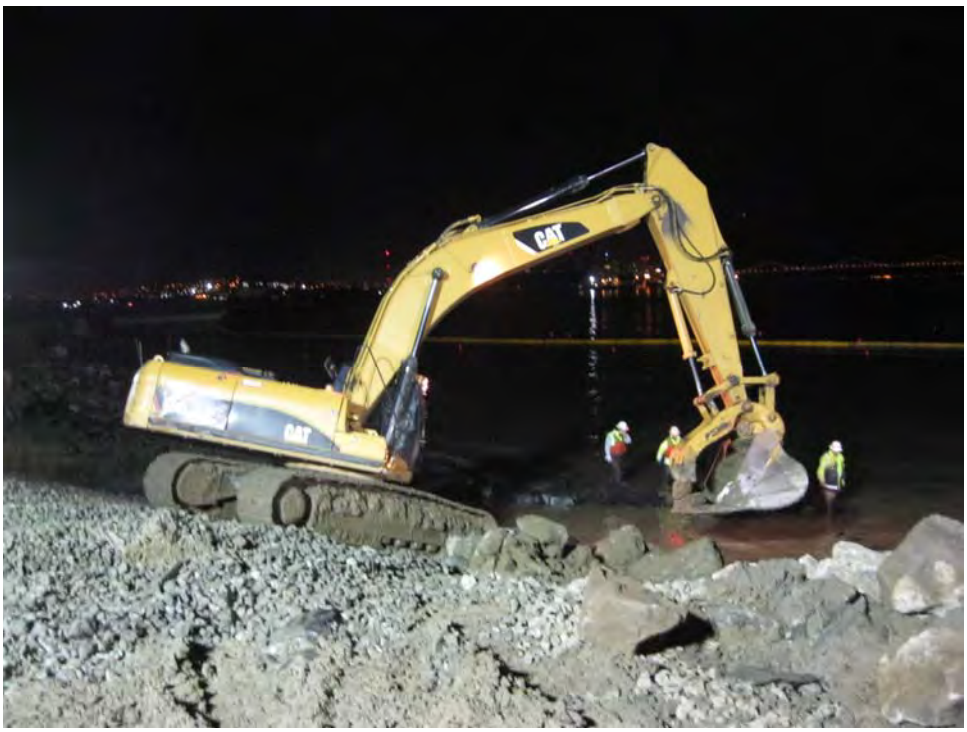


Photo 5: Shoreline Excavation and Revetment – Placement of riprap between stations 10+00 and 10+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 27, 2012

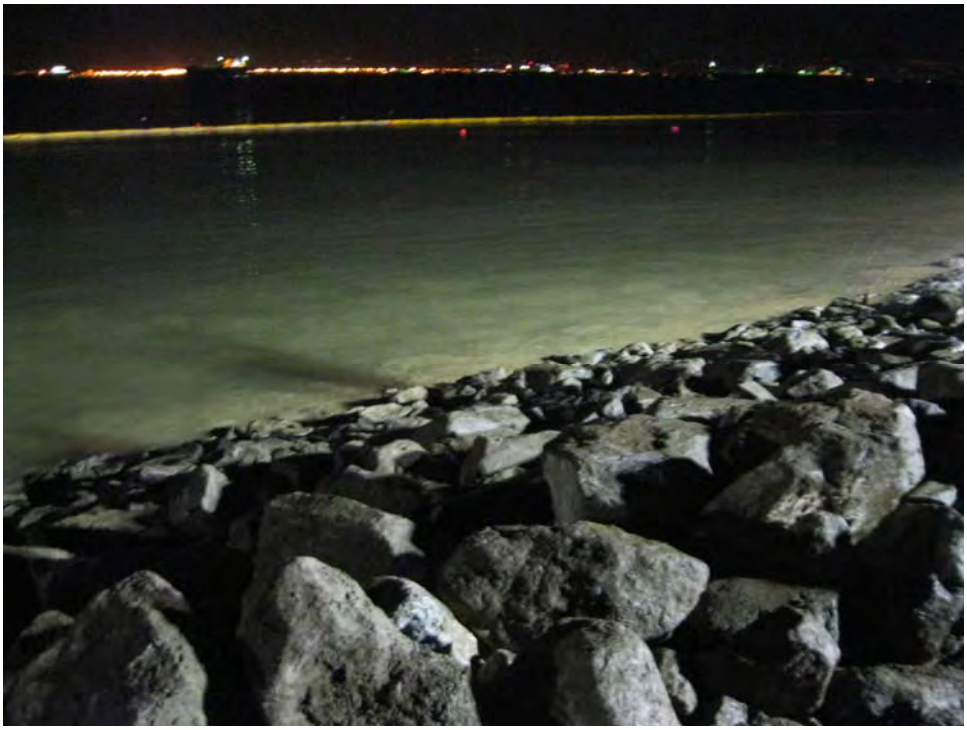


Photo 6: Shoreline Excavation and Revetment – Completed section of revetment installed between stations 10+00 and 10+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 27, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 28/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 032

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold	Cloudy/Cold/Rain	48	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction,	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	0
	for the cut tonight ~80' by station at the top. Excavate material to specified depth	ERRG	1	Project Manager	0
	place fabric with specified overlap, place 4" filter rock to specified thickness cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile,	ERRG	1	H&S Officer	8
	replace waddle around stockpiles. Continue removing surface debris and rock	ERRG	2	QC Staff	18
	from tomorrow's cut area, and making top of revetment grade cuts.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	40
		ERRG	2	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	126
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	4348.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	4474.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02		600 feet of straw waddle

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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	2

Schedule Activity No.	REMARKS
02	East Bay Tire on site to repair flat on Cat 75 haul truck-prior to start of work, escorted by ERRG mechanic and foreman
	United Rentals on site to swap out non-working light tower- prior to start of work, escorted by ERRG mechanic and foreman
	Southern County Lubricants on site to fuel equipment- prior to start of work, escorted by ERRG mechanic and foreman

James Nores 12/28/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 28/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 032 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold	Cloudy/Cold/Rain	48	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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/28/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/28/12 **TIME** 1530 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS RAIN, STAFF, MUD, WORKING NEAR WATER, DARK, EQUIPMENT

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

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
Chris Hay	ERRG	
Brian Kerr	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
Fernando Loza	ERRG	
Jim Rowin	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
Spencer Johnson	ERRG	
Spencer Slomski	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037

AHA #: 7 Shoreline Revetment

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NOBLES		12/28/12 1530
Site Safety and Health Officer:	RICHARD EPP		12/28/12 1530
Construction Quality Control Manager:	SPENCER SLOMINSKI		12/28/12 1530
Employee(s):	Christian		12/28/12 1530
	Brian Kerr		12/29/12 1530
	Paul Rodriguez		12/29/12 1530
	Craig Bailey		12-29-12 1530
	ENRIQUE MARTINEZ		12-29-12 -1530
	FERNANDO LOZA		12-29-12 -1530
	Jim Aguiar		12-29-12 1530
	Toney Green		12-28-12 1530
			12-28-12 152
	Spencer Johnson		12/28/12 1530
	Mike Barbazl		12/28/12 1530

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	12/28/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST, RAIN SHOWERS	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

EXCAVATION & REMOVE RUBBLE FROM SHARELINE.

PLACE FILTER FABRIC, FILTER ROCK & RIPRAP FOR REVETMENT. LAYOUT LIGHT LOCATIONS IN WORK AREA. 6.2 FC.

ALL INSPECTIONS COMPLETED, NO ISSUES.

CHECKED ALL STOCKPILES AND CONSTRUCTED BMPS ARE IN PLACE.

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCKS, END LOADER, BULLDOZER, LIGHT TOWERS, WATER TRUCK, 2 KUBOTAS

Signed: _____ Date: 12/28/12

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/26/12

Client: US Navy
Project No.: 2012-037
Page: 1 of 2
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	12/28/12				
DUST MONITORS NOT DEPLOYED			DUST TO	INCLEMENT WEATHER	

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 28/12/12

REPORT NO 032

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
02	Excavated shoreline to design subgrade between stations 10+60 and 11+40; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile fabric to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 10+60 and 11+40.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

12/28/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/28/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

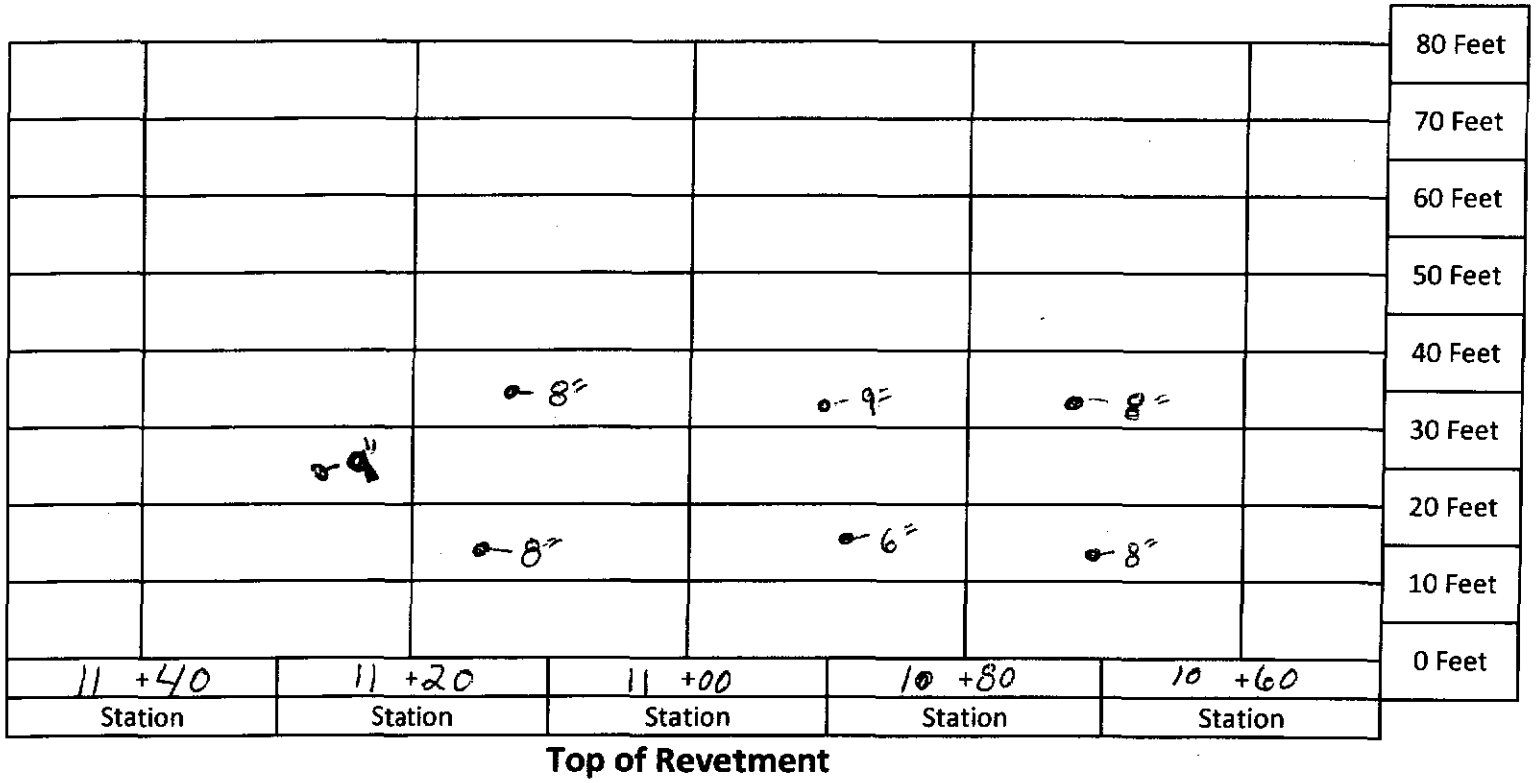
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/28/12

Filter Rock Thickness Check Locations

Date: 12/28/12
Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/28/12	Date	12/28/12
Time	2100	Time	2056
DO (mg/L)	2.98	DO (mg/L)	3.02
pH	7.70	pH	7.67
Turbidity (NTU)	63.6	Turbidity (NTU)	35
Temperature (°C)	11.03	Temperature (°C)	11.13

YSI Meter 3-Pt. pH Calibration Table

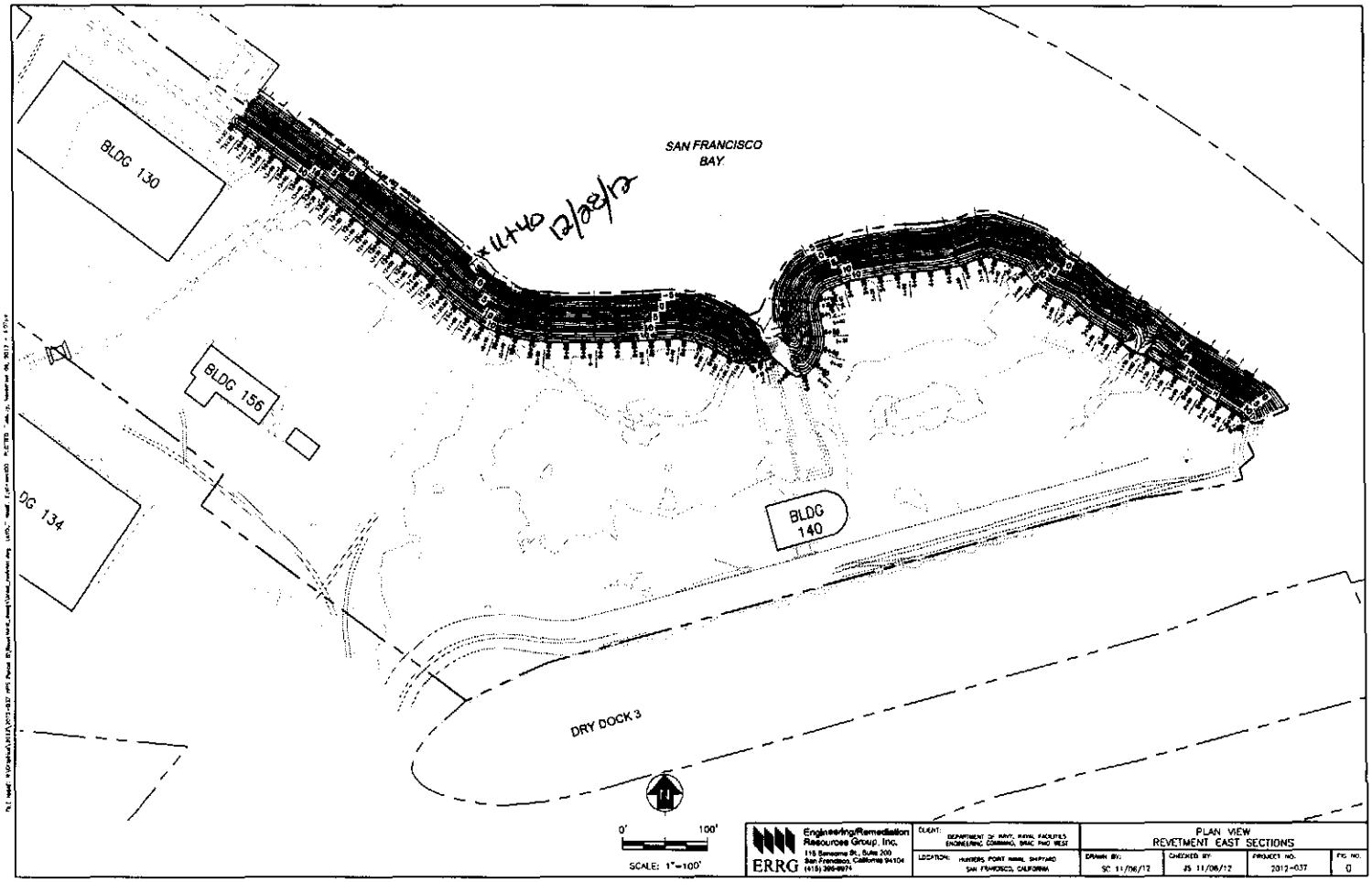
1st pH	4.00
Reading	3.99
2nd pH	7.00
Reading	7.00
3rd pH	10.00
Reading	10.01

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	____ NTU standard read ____
After Calibration	____ NTU standard read ____

Signature:

Date: 12/28/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St., Suite 200
San Francisco, California 94104
(415) 399-9971
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG. NO.
SC 11/06/12	JS 11/06/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 10+60 and 11+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 28, 2012

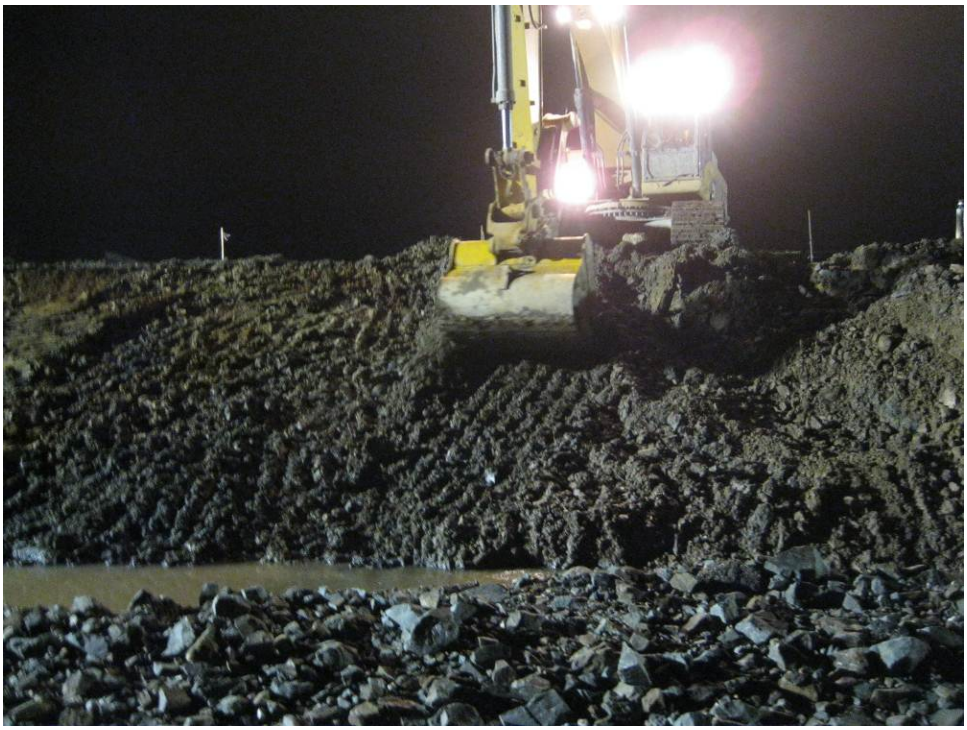


Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 10+60 and 11+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 28, 2012

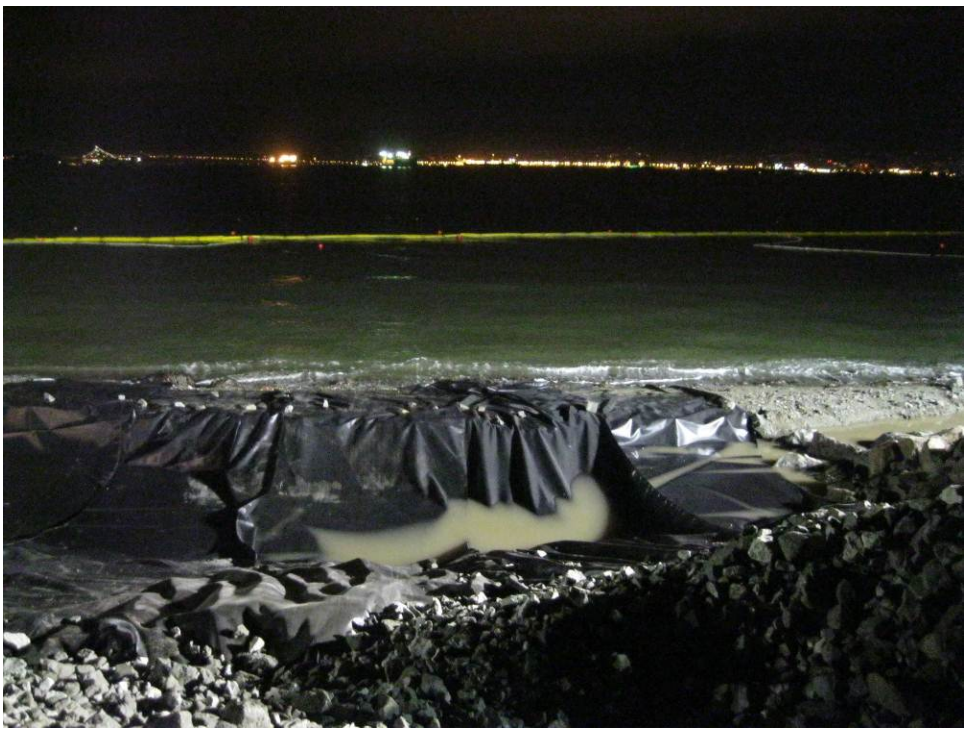


Photo 3: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 10+60 and 11+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 28, 2012

Photo 4: Shoreline Excavation and Revetment – Placement of filter rock over the geotextile fabric between stations 10+60 and 11+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 28, 2012

Photo 5: Shoreline Excavation and Revetment – Placement of riprap between stations 10+60 and 11+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 28, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	29/12/12		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	033		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold	PM WEATHER	Clear/Cold
MAX TEMP (F)	54	MIN TEMP (F)	45

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction,	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	0
	for the cut tonight ~60' by station at the top. Excavate material to specified depth	ERRG	1	Project Manager	0
	place fabric with specified overlap, place 4" filter rock to specified, thickness cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpiles. Continue removing surface debris and rock	ERRG	2	QC Staff	18
	from tomorrow's cut area, and making top of revetment grade cuts.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	40
		ERRG	2	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	126
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	4474.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	4600.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	2

Schedule Activity No.	REMARKS

James Nores 12/29/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 29/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 033 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold	Clear/Cold	54	45

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/29/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/29/12 **TIME** 1600 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS STYF, MUD, STANDING WATER, DARK, WORK NEAR WATER, EQUIPMENT, EXCAVATIONS

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

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	[signature]
Chris Hay	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Spencer Glomingle	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Jim Hawthorne	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible] Rodriguez	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Baker	ERRG	[signature]
King Bailey	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

AHA #: 7 Shoring Removal

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nobles		12/29/12 1600
Site Safety and Health Officer:	Richard Epp		12/29/12 1600
Construction Quality Control Manager:	Spencer Slominski		12/29/12 1600
Employee(s):	Tony Green		12-29-12 1600
	Chris Hay		12-29-12 1600
	Brian Kerr		12-29-12 1600
	Enrique Martinez		12-29-12 1600
	Jim Hanlon		12-29-12 1600
			12/29/12 1600
	Paul Rodriguez		12/29/12 1600
	Spencer Johnson		12/29/12 1600
	Mike Babbot		12/29/12 1600
	King Bailey		12-29-12 1600

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	SATURDAY	Date:	12/29/12
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:

EXCAVATION & RUBBLE REMOVAL FROM SHORELINE.

PLACING FABRIC, FILTER ROCK & RIP RAP FOR SHORELINE REINFORCEMENT

LOWEST LIGHT READING IS 5.5 Fc IN WORK AREA.

ALL BMPs GOOD.

ALL INSPECTIONS PERFORMED, NO ISSUES.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, BULLDOZER, AND LOADER, WATER TRUCK, LIGHT PLANT, 2 RUBBERS

Signed: Richard Epp Date: 12/29/12

ERRG

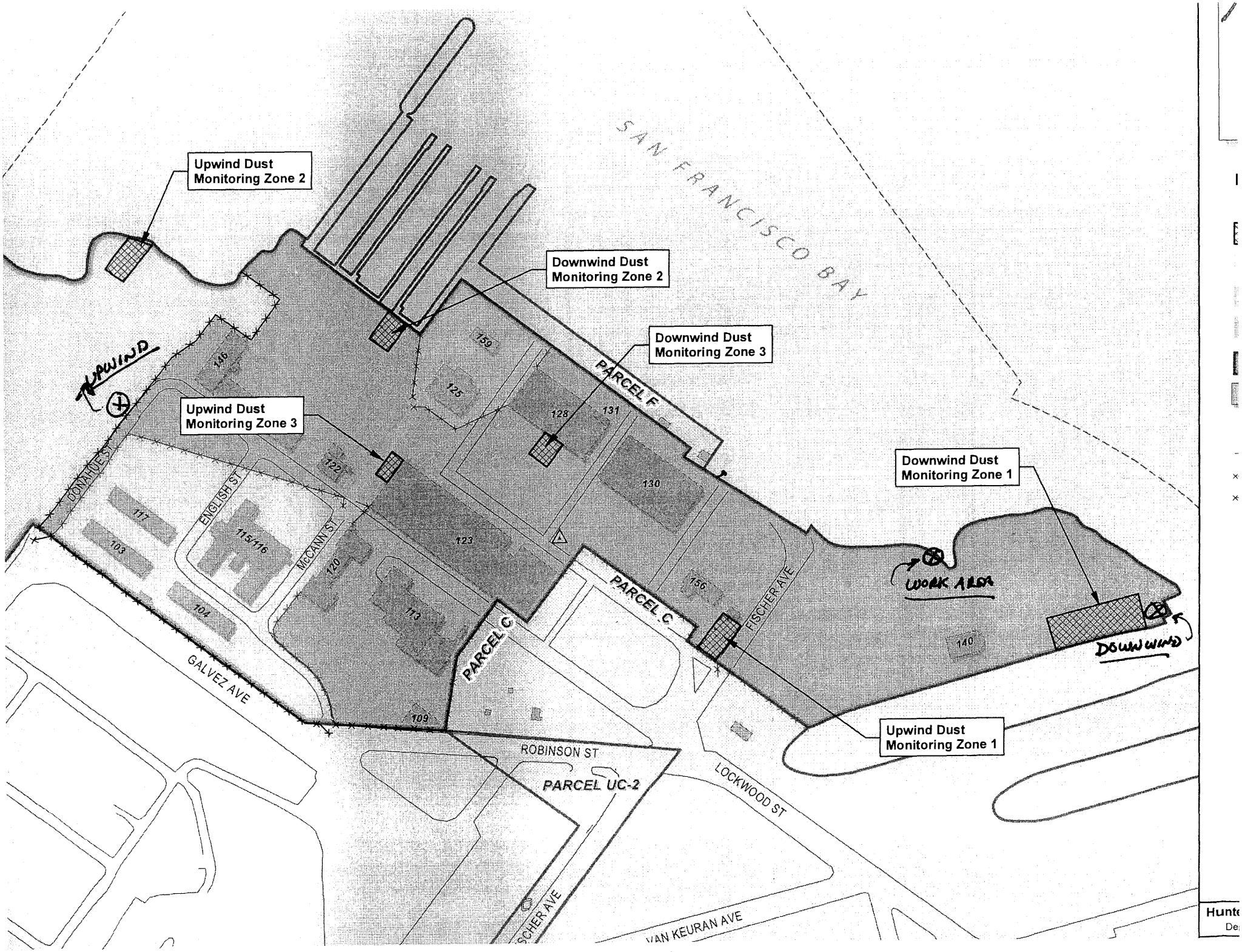
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/26/12

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 St.	12/29/12	1622	0.013	0.011	
Meter # 1161		1725	0.002	0.002	
		1828	0.000	0.000	
		1925	0.000	0.000	
		2032	0.000	0.000	
		2138	0.000	0.000	
		2307	0.000	0.000	
WORK AREA Shoreline	12/29/12	1629	0.007	0.003	
Meter # 1008		1729	0.006	0.000	
		1833	0.000	0.000	
		1930	0.005	0.000	
		2036	0.000	0.000	
		2145	0.000	0.000	
		2311	0.000	0.000	
Downwind Dry Dock #3	12/29/12	1632	0.005	0.004	
@ Shoreline # 10973		1732	0.002	0.003	
		1836	0.004	0.003	
		1932	0.012	0.004	
		2038	0.004	0.015	
		2149	0.004	0.005	
		2314	0.004	0.005	



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
UPWIND
DOWNWIND
WORK AREA
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
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 29/12/12

REPORT NO 033

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
02	Excavated shoreline to design subgrade between stations 11+40 and 12+00; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile fabric to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 11+40 and 12+00.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

12/29/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/29/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

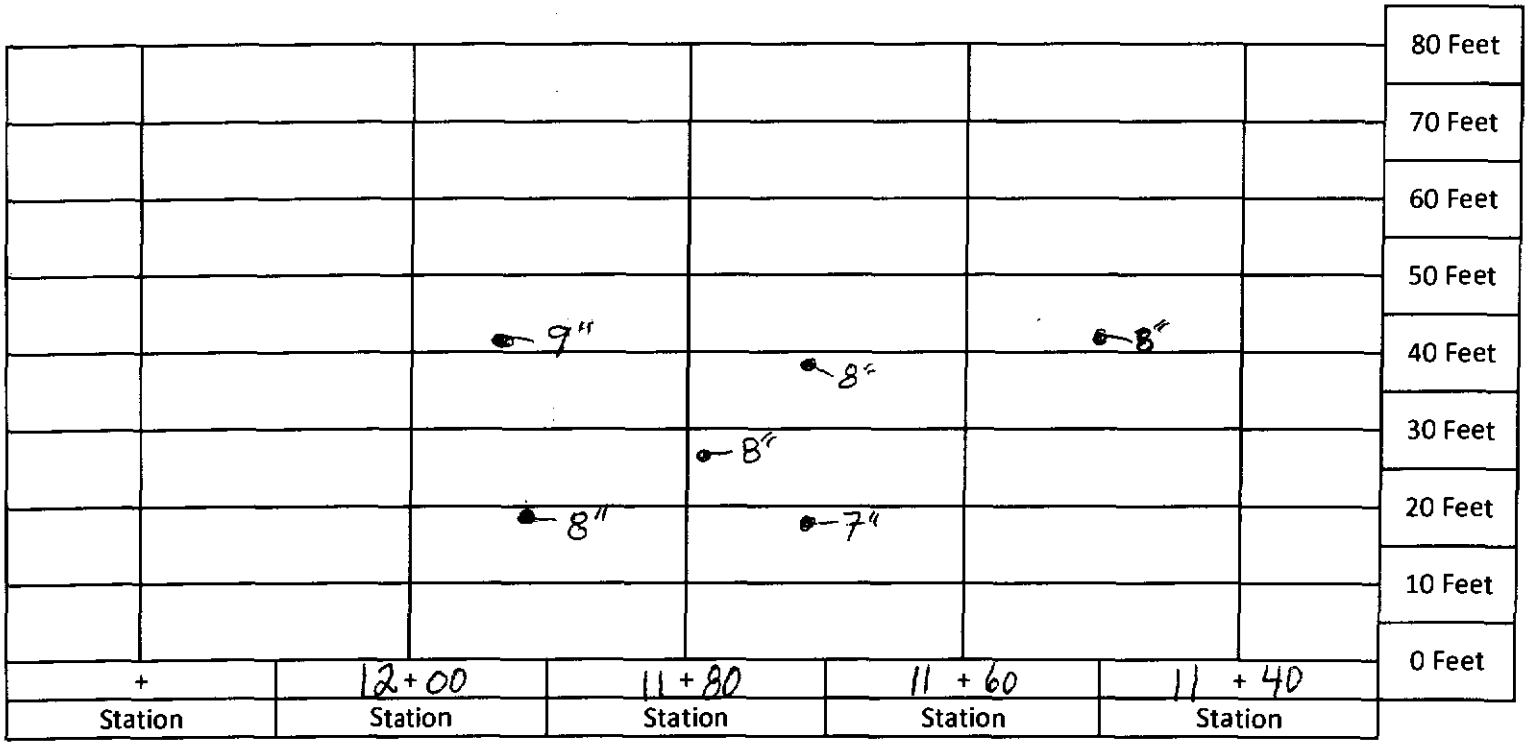
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/29/12

Filter Rock Thickness Check Locations

Date: 12/29/12
Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	12/29/12	Date	12/29/12
Time	2219	Time	2213
DO (mg/L)	12.08	DO (mg/L)	11.42
pH	7.65	pH	7.48
Turbidity (NTU)	452	Turbidity (NTU)	24.1
Temperature (°C)	10.79	Temperature (°C)	10.98

YSI Meter 3-Pt. pH Calibration Table

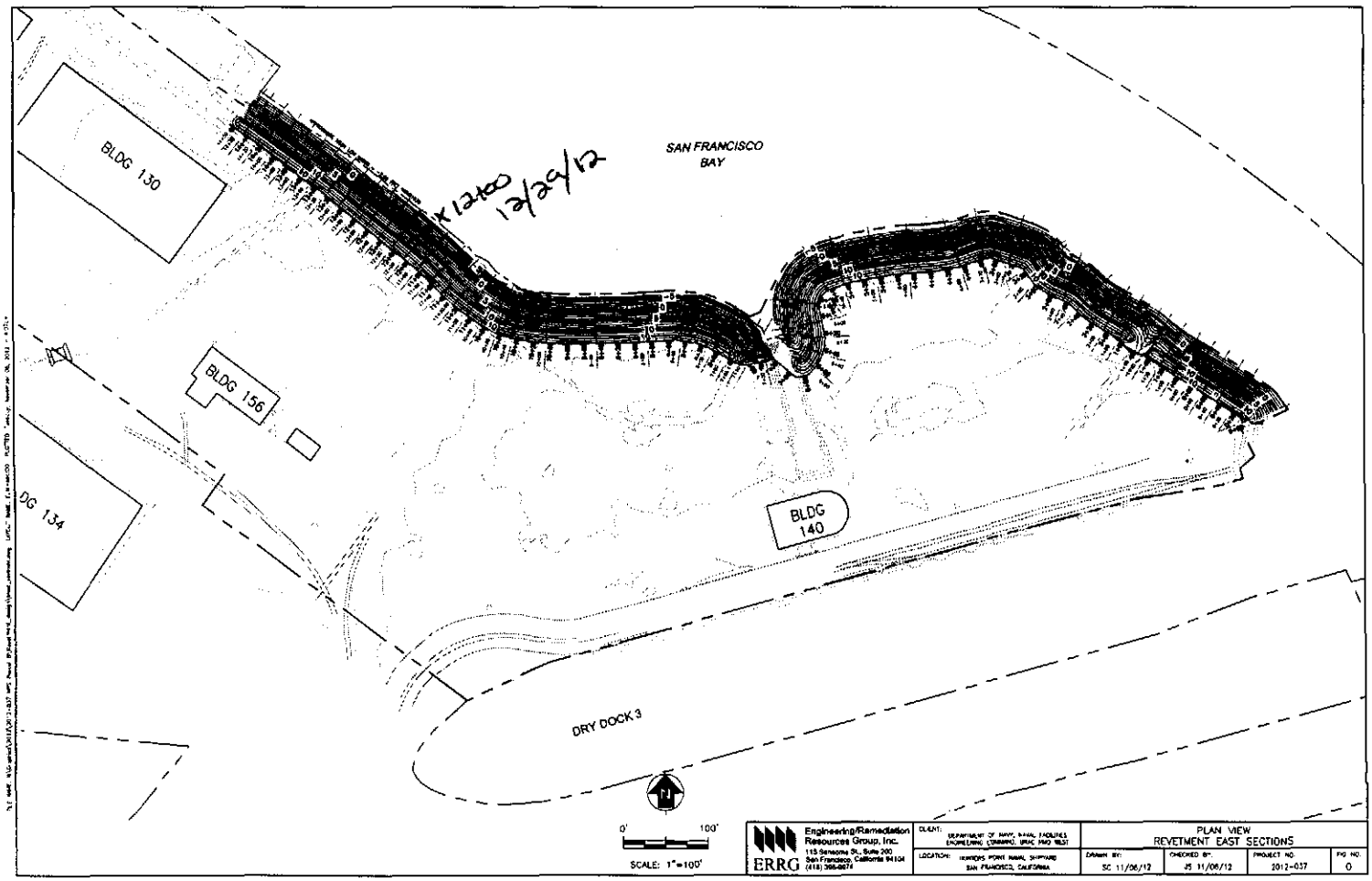
1st pH	4.00
Reading	4.00
2nd pH	7.00
Reading	7.01
3rd pH	10.00
Reading	10.02

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature: BKer

Date: 12/29/12



Engineering/Remediation Resources Group, Inc.
115 Sansome St, Suite 200
San Francisco, California 94104
(415) 395-0874
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFA WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

Drawn By:	Checked By:	Project No:	Fig No:
SC 11/06/12	JS 11/06/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 11+40 and 12+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 29, 2012

Photo 2: Shoreline Excavation and Revetment – Revetment subgrade between stations 11+40 and 12+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 29, 2012

Photo 3: Shoreline Excavation and Revetment – Placement of filter rock over geotextile fabric between stations 11+40 and 12+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 29, 2012

Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 11+40 and 12+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 29, 2012

Photo 5: Shoreline Excavation and Revetment – Revetment installed around the existing monitoring well located approximately at station 11+50

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 29, 2012

Photo 6: Shoreline Excavation and Revetment – View of the revetment installed east of station 12+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 29, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	30/12/12		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	034		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Clear/Cold
MAX TEMP (F)	54	MIN TEMP (F)	45

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction,	ERRG	1	Superintendent	10
	perform equipment inspections. QC staff and grade checker lay out section	ERRG	1	Construction Manager	0
	for the cut tonight ~60' by station at the top. Excavate material to specified depth	ERRG	1	Project Manager	0
	place fabric with specified overlap, place 4" filter rock to specified thickness cap	ERRG	1	QC Manager	10
	with rip rap to specified thickness. Push up excavated material active stockpile	ERRG	1	H&S Officer	8
	replace waddle around stockpiles. Continue removing surface debris and rock	ERRG	2	QC Staff	18
	from tomorrow's cut area, and making top of revetment grade cuts.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	36
		ERRG	2	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	122
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	4600.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	4722.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	0
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	2

Schedule Activity No.	REMARKS
02	During tonight's cut between station 12+00 and 12+60, four wooden pier posts were removed during excavation. A sheen and creosote odor was observed. Prior to excavation
	an oil absorbent boom was deployed locally around the 60' of cut area. Soil samples were collected every 20' per direction.

James Nores 12/30/12

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 30/12/12

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 034 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	54	45

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	4
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	4

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

12/30/12 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 12/30/12 **TIME** 1630 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REMEDIATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS MUD, ST&F, DARK, NEAR WATER, EQUIPMENT

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

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
Jimmy Green	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Chris Hay	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Spencer Slomage	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Kay Bailey	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Jim Aguilar	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
[illegible]	[illegible]	[signature]
Mike Bubst	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

AHA #: 7 Stormwater Foundation

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		12/30/12 1630
Site Safety and Health Officer:	RICHARD EPP		12/30/12 1630
Construction Quality Control Manager:	SPENCER SLOMINSKI		12/30/12 1631
Employee(s):	Tony Green		12-30-12 1630
	Raul Rodriguez		12-30-12 1630
	Chris Hay		12-30-12 1630
	Brian Kerr		12-30-12 1630
	Fernando Loza		12-30-12 1630
	King Bailey		12-30-12 1630
	Spencer Johnson		12/30/12 1630
	Jim Aguilar		12/30/12 1630
	[illegible]		12-30-12-16.50
	Boris [illegible]		12/30/12 1630
	Mike [illegible]		12/30/12 1630.

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	SUNDAY	Date:	12/30/12
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:

EXCAVATION & DEBRIS REMOVAL FROM SHORELINE.

PLACING FABRIC, FILTER ROCK AND RIPRAP FOR SHORELINE ROMEDIATION.
LOWEST LIGHT LEVEL IN WORK AREA WAS 5.7 FC.

ALL INSPECTIONS COMPLETED, NO ISSUES.

ALL STOCKPILES READY FOR RAIN EVENTS AND BMPs IN PLACE.

EQUIPMENT 1 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, BULLDOZER,
END LOADER, WATER TRUCK, LIGHT TOWERS & 2 KUBOTAS

Signed: _____ Date: 12/30/12

ERRG

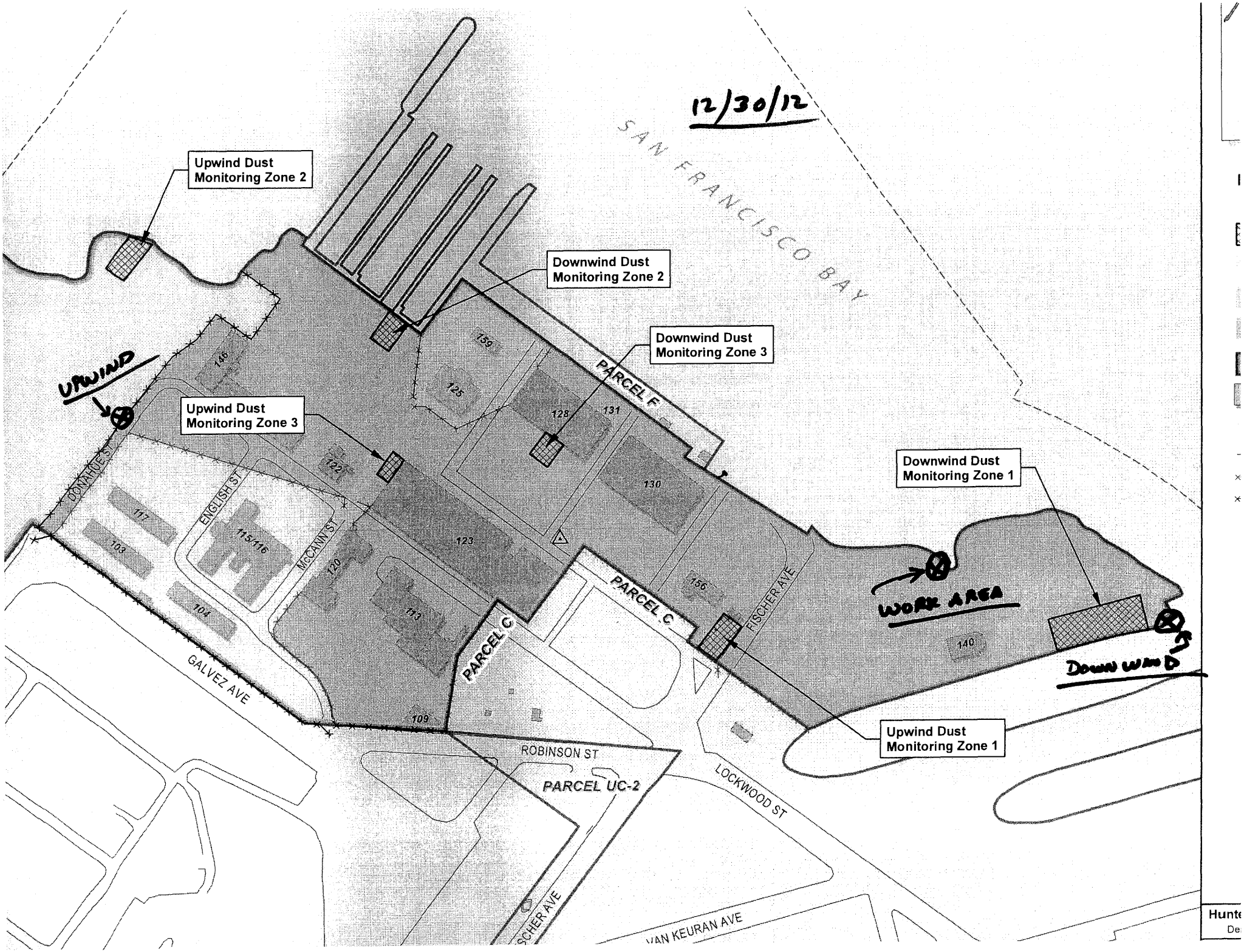
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 12/26/12

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 Dewatering St.	12/30/12	1643	0.007	0.006	
Motor # 1161		1749	0.000	0.000	
		1904	0.000	0.000	
		2147	0.000	0.000	
		2310	0.005	0.000	
WORK AREA Shipyard	12/30/12	1649	0.011	0.010	
Motor # 1008		1754	0.002	0.006	
		1907	0.000	0.000	
		2007	0.009	0.001	
		2152	0.004	0.002	
		2301	0.006	0.004	
DOWNWIND Dry Dock #3	12/30/12	1652	0.009	0.008	
@ Shipyard #10973		1757	0.007	0.008	
		1910	0.003	0.006	
		2009	0.011	0.008	
		2155	0.010	0.009	
		2303	0.015	0.010	


12/30/12
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
UPWIND
WORK AREA
DOWNWIND
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
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 30/12/12

REPORT NO 034

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
02	Excavated shoreline to design subgrade between stations 12+00 and 12+60; grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile fabric to a minimum 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 12+00 and 12+60.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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	Prior to excavating the shoreline, a hydrocarbon-absorbent boom was deployed locally around the excavation area between stations 12+00 and 12+60.
	During the excavation, 4 wood pilings were removed from the shoreline. An oily sheen was observed and creosote odor was noticed within the
	excavation area. Soil samples were collected from the shoreline every 20 linear feet between stations 12+00 and 12+60 for TPH analysis.

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

12/30/12 — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

Shoreline Excavation and Revetment

Date: 12/30/12
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 12/30/12

Filter Rock Thickness Check Locations

Date: 12/30/12
Checked By: SJ

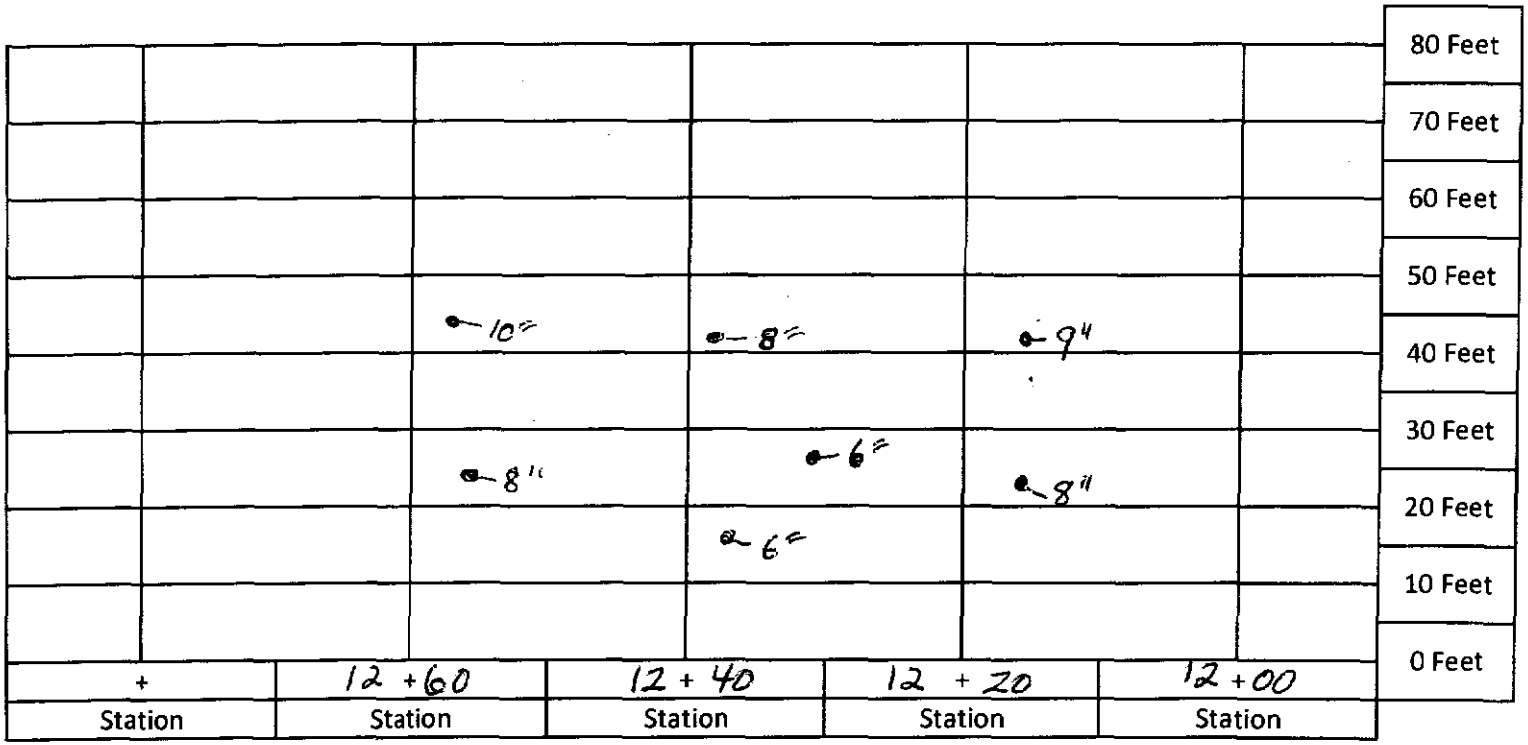


Photo 1: Shoreline Excavation and Revetment – Deploying hydrocarbon-absorbent boom around the excavation area between stations 12+00 and 12+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 30, 2012

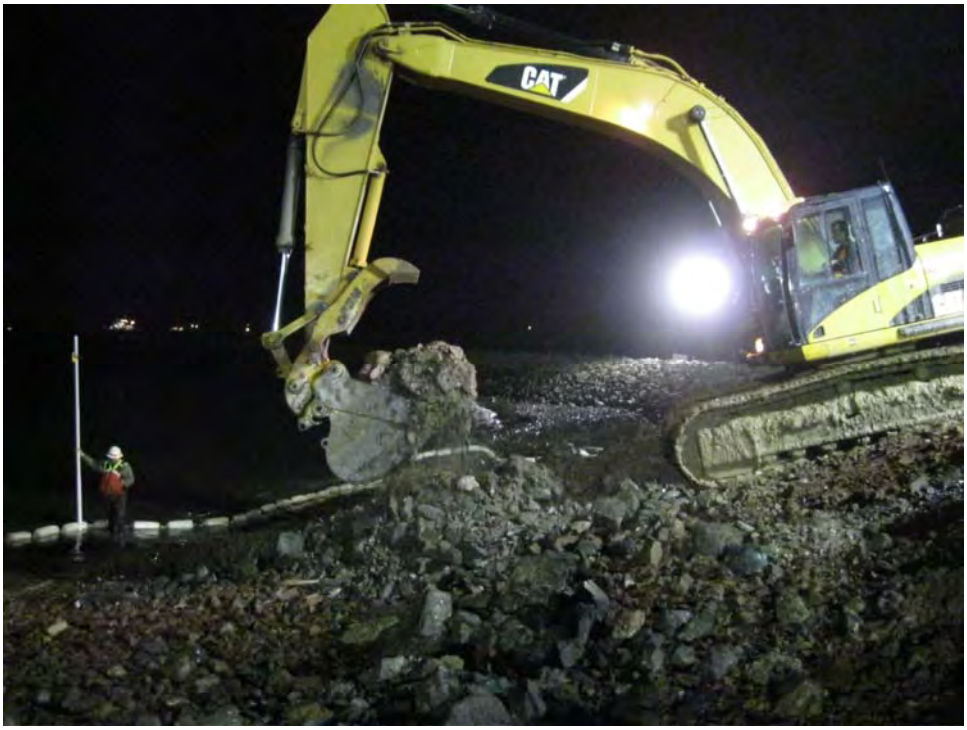


Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 12+00 and 12+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: December 30, 2012

Photo 3: Shoreline Excavation and Revetment – Setting grade stakes for the subgrade between stations 12+00 and 12+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: December 30, 2012

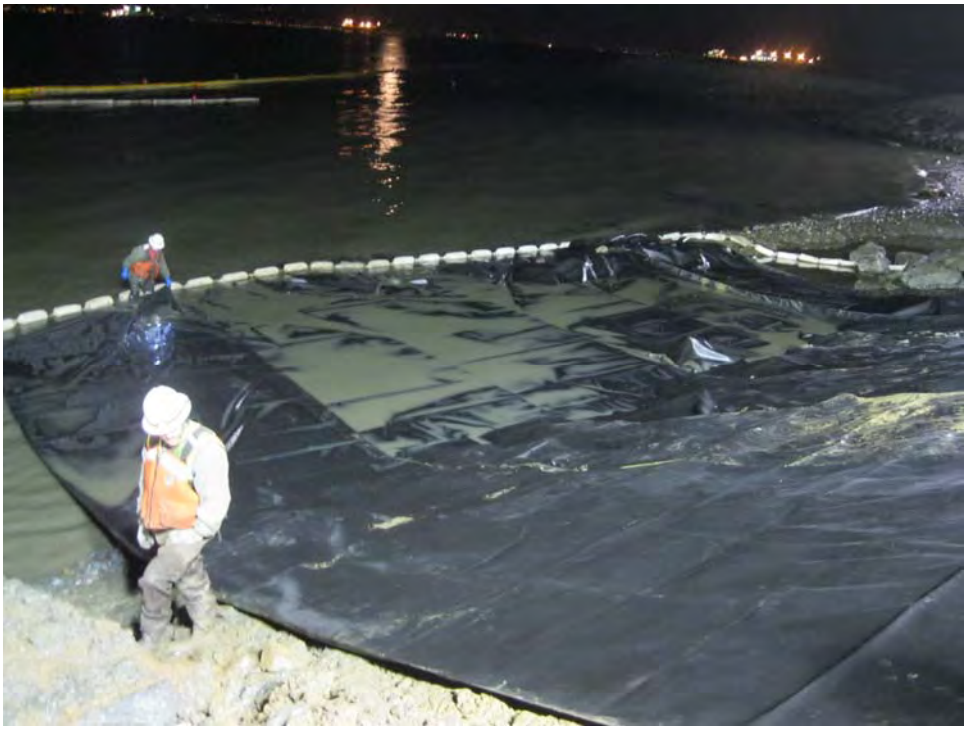


Photo 4: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 12+00 and 12+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: December 30, 2012

Photo 5: Shoreline Excavation and Revetment – Placement of filter rock over the geotextile fabric between stations 12+00 and 12+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 30, 2012

Photo 6: Shoreline Excavation and Revetment – Placement of riprap between stations 12+00 and 12+60

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: December 30, 2012

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 07/01/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	035

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Foggy/Cold	Clear/Cold	54	45

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for Material import/barge and truck	ERRG	1	Superintendent	10
	perform equipment inspections. Rip rap import today by barge and filter rock	ERRG	1	Construction Manager	0
	import by truck. ERRG crew on tire decon at the Donahue gate and street	ERRG	1	Project Manager	5
	sweeper on the main entrance. ERRG crew working on setting up for revetment	ERRG	1	QC Manager	10
	construction at IR-23, fence demo and access road construction. ERRG crew	ERRG	1	H&S Officer	8
	transporting rip rap from barge unload area to IR-23 staging area.	ERRG	2	QC Staff	20
		ERRG	4	Equipment Operators	19
		ERRG	5	Laborers	29
		ERRG	3	Truck Drivers	13
		Jerico	4	Material 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	154
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	4726.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	4880.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for material import/barge unloading, 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
02	008	1779 tons 1/4 ton rip rap
02	008	1624.13 tons 4" filter rock

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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	4
02	ERRG	JLG Skytrak 8K reach forklift	0
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	3
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores — 01/07/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 07/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 035 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Foggy/Cold	Clear/Cold	54	45

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	2

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

01/07/13 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/7/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK RECEIVE DIP RAP BY BARGE & FILTER ROCK BY TRUCK

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST&F, MUD, TRUCK TRAFFIC, ROLLING ROCKS, TRACKOUT

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

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 R. Arriquez	[illegible]	[illegible]
Brian Kerr	ERRG	[illegible]
Tony Green	ERRG	[illegible]
Boris Porcile	ERRG	[illegible]
Fernando Loza	ERRG	[illegible]
Enrique Martinez	ERRG	[illegible]
King Bailey	ERRG	[illegible]
Joe Correll	ERRG	[illegible]
Joseph Jolley	Jerico	[illegible]
John Wright	Jerico	John Wright
Ray Gates	Jerico	Ray Gates
Stan Ladd	Jerico	[illegible]
Spencer Johnson	ERRG	[illegible]
JOHN SOURIAL	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

Project #: 2012-037

AHA #: 6 Impact Mitigation

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES		1/7/13 0700
Site Safety and Health Officer:	RICHARD EPP		~~0700~~ 1/7/13 0700
Construction Quality Control Manager:	SPENCER SLOMINSKI		1/7/13 0700
Employee(s):	PAUL Rodriguez		1/7/13 0700
	Brian Kerr		1/7/13 0700
	Tovey Green		1-7-13 0700
	[illegible]		1-7-13 0700
	Fermont Lee		1-7-13 0700
	[illegible]		1-7-13 0700
	[illegible]		1-7-13 0700
	Jayson Valley		1-7-13 0700
	JOHN WRIGHT		1-7/13 0700
	Roy Carter		1/7/13 0700
	[illegible]		1/7/13 0700
	Spencer Johnson		1/7/13 0900
	JOHN SOURIAL		1/7/13 0900

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	1/7/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOGGY AM, CLEAR PM	Page:	1 of 1
Site Visitors:	DAN McCONNELL & STAN KUDY FROM SWAR		

Description of Field Activities:

RECEIVED IMPORTED RIP RAP BY BARGE. SHUTTLING TO STOCKPILE NEAR SHORELINE RESTAURANT AREA AT NW SECTION OF PROJECT.

RECEIVED FILTER ROCK BY TRUCK. STOCKPILING IN SAME AREA AS ABOVE. TIRE WASH & STONE CONSTRUCTION CONTINUED ON DAVIDSON ST.

Signed: [signature] Date: 1/7/13

ERRG

NAVFAC
Naval Facilities Engineering Command

WORKSHEET FOR
CONTRACTOR SAFETY SELF-EVALUATION

ROICC OFFICE: NAVFAC SW DATE: 12/30/12

CONTRACTOR: ETRAS, INC.

CONTRACT TITLE: REMEDIAL ACTION AT PARCEL B CONTRACT % COMPLETE: 21%

CONTRACTOR SUPERINTENDENT: JAMES NORRIS

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? PERSONNEL FLOTATION DEVICE SIGNAGE ALONG SHORELINE	
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 IN ALL EQUIPMENT.	
	(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? LIGHT LEVEL MONITORED DURING NIGHT WORK	
	(Yes)	(No)	(N/A)	60) Other? Extra Credit? EQUIPMENT ALARM SOUND LEVEL MONITORED AT NIGHT	
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? BACKUP SPOTTERS W/RADIOS FOR NIGHT WORK
(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? HEAD LAMPS & WADERS PROVIDED

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?

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: 1	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

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT D-4 **Identification Number:** CAT0D4GCHYD01846

Project Number / Name: HP054 SF **Rental** ☒ **ERRG** ☐

Inspected By / Date:	12-16-12 JL			12-17-12												
Daily Hours:	2550.9															
	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?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
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: 644 J **Identification Number:** _____

Project Number / Name: Hunters Point 2012 037 **Rental** ☐ **ERRG** ☒

Inspected By / Date:	TG 12-16-12			EM 12-17-12												
Daily Hours:	3887.4			3776.9												
	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?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
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?	☐	☒	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	Tail lite not working
Steering and other controls	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

corrective actions taken: Tail lite not work

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW110 78

Project Number / Name: HPNS, PARCEL B **Rental** ☐ **ERRG** ☑

Inspected By / Date:	RJG 12/5/12			RJG 12/6/12			RJG 12/7/12			RJG 12/26/12			RJG 12/27/12			
Daily Hours:	929.9			931.5			933.5			936.3			938.8			
	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: White water Truck **Identification Number:** _____

Project Number / Name: HP 34 **Rental** ☐ **ERRG** ☑

Inspected By / Date:	RR 12/26/12			12/27/12			12/28/12			12/29/12			12/30/12			
Daily Hours:	363.1			363.4			366.3			369.3			370.0			
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Leak in Front of motor Near alternator worn Fan Belt, PTO rpm don't work PTO gets Stuck
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: will let topsy know Belt fixed on 12/27/ PTO OK 12/29/12 added coolant

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 330 Cat Excavator **Identification Number:** _____

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

Inspected By / Date:	12/26 BP			12/27 BP			12/28 BP			12/29 BP			12/30 BP			
Daily Hours:	1960			1967			1974			1982			1988			
	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?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	12/29 - Added
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	swing motor oil
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: * windshield crack
* step to engine Access (Bend) ([redacted])

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: HAUL TRUCK 735 **Identification Number:** M1539.7

Project Number / Name: HPNS **Rental** ☒ **ERRG** ☐

Inspected By / Date:	12-26-12 FL			12-27-12 FL			12-28-12 FL			12-29-12 TC			12-30-12 FL			
Daily Hours:	3107.6			3115.9			3124.2			3131.7			3140.3			
	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: TAIL LIGHTS NOT WORKING, SMALL DAMAGE ON REAR TIRES.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: D-4 CAT Dozer **Identification Number:** CAT00D4GCHYD01846

Project Number / Name: HP054SF **Rental** ☑ **ERRG** ☐

Inspected By / Date:	12-26-12 JM			12-27-12 JM			12-25-12 JM			12-29-12 JM			12-30-12 JM			
Daily Hours:	2555.1			~~2554.8~~ 2556.9			2559.6			2562			2564.0			
	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 ol	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 544K John Deere 644 Loader **Identification Number:** _____

Project Number / Name: HPNSY SF **Rental** ☐ **ERRG** ☑

Inspected By / Date:	12-26-12 JC			12-27-12 JC			12-28-12 JC			12-29-12 JC			12-30-12 JC			
Daily Hours:	3782.5			3789.8			3796.3			3803.2			3811.9			
	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?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
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

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/01/13

REPORT NO 035

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
02	Imported riprap material by barge and filter rock material by truck (see Contractor Production Report for quantities). Transported riprap from
	the barge offloading area and stockpiled near the revetment work area in IR-23. Decontaminated the haul trucks leaving the site
	and swept the streets outside the site entrance/exit during filter rock import. Removed chain link fence obstructing the revetment work area and
	constructed a temporary access road to the work area in IR-23.

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

01/07/13 — 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

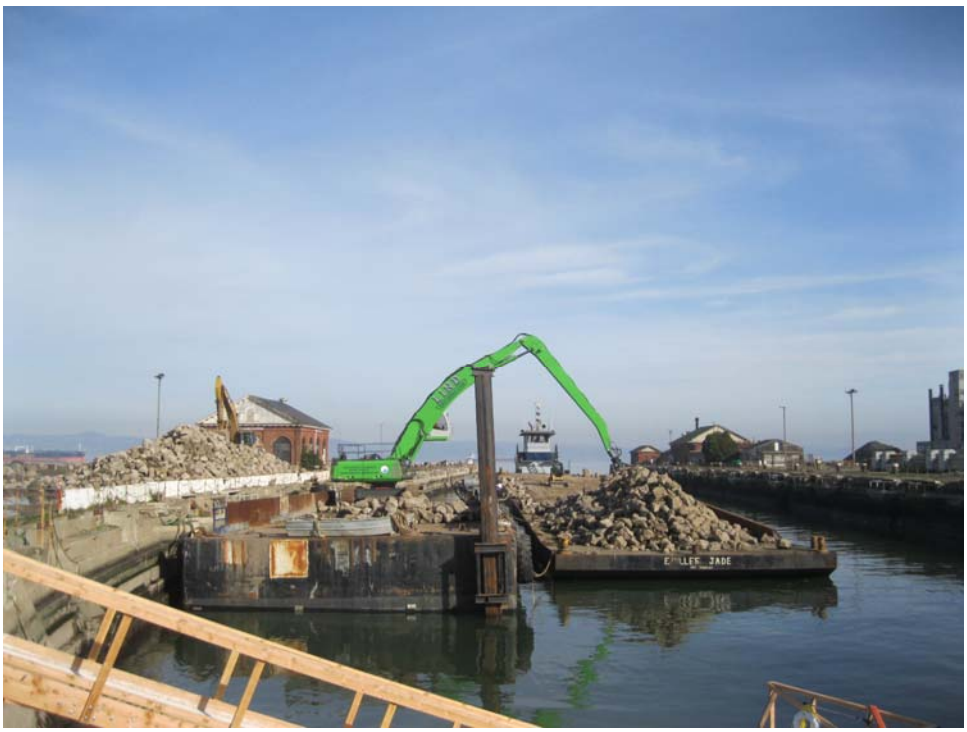


Photo 1: Shoreline Excavation and Revetment – Offloading riprap from barge at Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 7, 2013

Photo 2: Shoreline Excavation and Revetment – Delivery of filter rock by truck

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: January 7, 2013

Photo 3: Shoreline Excavation and Revetment – Decontamination of truck tires at the construction site exit

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 7, 2013

Photo 4: Shoreline Excavation and Revetment – Stockpiles of riprap and filter rock staged adjacent to the western revetment work area

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 7, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 08/01/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	036

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Sunny/Cold	Clear/Cold	54	45

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction, and	ERRG	1	Superintendent	12
	perform equipment inspections. Set up generators and secondary containment	ERRG	1	Construction Manager	4
	for perimeter air monitors in the upwind downwind locations for IR-23 work per	ERRG	1	Project Manager	0
	the dust monitoring plan. Set up light towers for tonight's work in IR-23.	ERRG	1	QC Manager	10
	Begin removing old rip rap and surface debris from this evenings cut area,	ERRG	1	H&S Officer	8
	Excavate revetment section to specified grades, install filter fabric, place 4"	ERRG	2	QC Staff	20
	filter rock to specified grade and top with 1/4 ton rip rap per specification.	ERRG	5	Equipment Operators	28
	Install ~40' by station today. Begin debris removal between sub pens.	ERRG	5	Laborers	34
		ERRG	2	Truck Drivers	10
		ESP	2	Surveyors	16

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	142
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	4880.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	5022.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

01/08/13 — 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: 08/01/13	REPORT NO: 036 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Sunny/Cold	PM WEATHER: Clear/Cold	MAX TEMP (F): 54	MIN TEMP (F): 45

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	2

Schedule Activity No.	REMARKS

James Nores 01/08/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/8/13 **TIME** 1230 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, MUD, DARK, EQUIPMENT, NEAR WATER, NEW AREA

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

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	[signature]
Brian Kerr	ERRG	[signature]
Chris Hoy	ERRG	[signature]
Michael Meyer	ASC	[signature]
[illegible]	[illegible]	[signature]
King Bailey	ERRG	[signature]
[illegible]	[illegible]	[signature]
Enrique Martinez	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Jim Aguilar	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Juan Lovan	ESP	[signature]
[illegible]	ESP	[signature]
Spencer Slowinski	ERRG	[signature]
Mike Babst	ERRG	[signature]
Ty April	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

AHA #: 7 Shoreline Revetment

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORES	[signature]	1/8/13 @ 1230
Site Safety and Health Officer:	RICHARD EPP	[signature]	1/8/13 @ 1230
Construction Quality Control Manager:	SPENCER SLOMINSKI	[signature]	1/8/13 1230
Employee(s):	Toney Green	[signature]	1-8-13 1230
	Brian Kerr	[signature]	1-8-13 1230
	Chris Hay	[signature]	1-8-13 1230
	Michael Meyer	[signature]	1-8-13 1230
	Paul Rodriguez	[signature]	1-8-13 1230
	King Bailey	[signature]	1-8-13 1230
	Boris Portillo	Boris Portillo	1-8-13 1230
	Fernando Lozo	[signature]	1-8-13 1230
	Enrique Martinez	[signature]	1-8-13 12:50
	Jim Aguiar	[signature]	1-8-13 12:30
	Spencer Johnson	[signature]	1/8/13 1230
ESP	Eric Jones	[signature]	1/8/13 12:30
"	Ivanlovato	[signature]	1/8/13
	Mike Babst	[signature]	1/8/13 12:30
	Ty Appel	[signature]	1/8/13 12:30

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	1/8/13
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:

MOVE TO NW SHORELINE SECTION. EXCAVATION & REMOVE RUBBLE FROM SHORELINE

PLACING FILTER FABRIC, FILTER ROCK AND RIPRAP FOR REVETMENT.

EXCAVATING RUBBLE BETWEEN SUB PENS.

RELOCATED AIR MONITORS

LIGHT LEVEL READINGS LOWEST IN WORK AREA WAS 60.4 Fc.

ALL INSPECTIONS COMPLETED, NO ISSUES

TAKING SOUND LEVEL READINGS, SEE ATTACHED LOG.

EQUIPMENT: 2 EXCAVATORS, 2 END LOADERS, 2 WATER TRUCKS, OFF ROAD DUMP TRUCK, BULLDOZER, LIGHT TOWERS, [redacted], 2 KUBOTAS, FORK LIFT

Signed: _____ Date: 1/8/13

ERRG

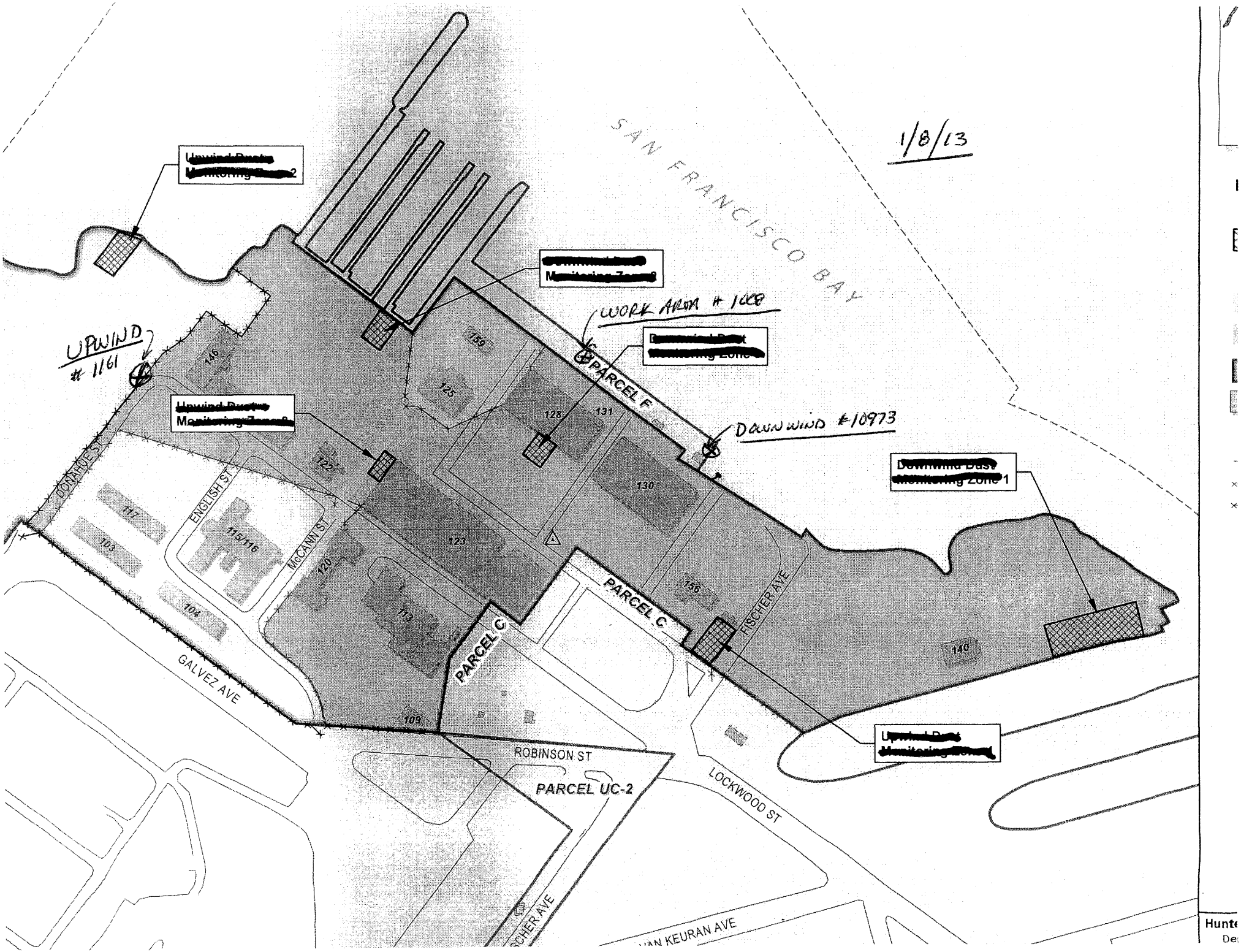
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 1/8/13 @ 1530

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 ST.	1/8/13	1255	0.026	0.022	
# 1161		1452	0.081	0.072	
		1537	0.023	0.022	RECALIBRATED
		1700	0.000	0.000	
		1809	0.000	0.000	
		1923	0.000	0.000	
WORK AREA SUB PENS	1/8/13	1301	0.042	0.046	
#1008		1446	0.042	0.053	
		1537	0.023	0.022	RECALIBRATED
		1658	0.019	0.022	
		1806	0.007	0.016	
		1926	0.040	0.018	
DOWNWIND CONC. PIER	1/8/13	1306	0.046	0.047	
EB 130 #10972		1443	0.042	0.048	
		1529	0.021	0.022	RECALIBRATED
		1654	0.030	0.029	
		1801	0.034	0.027	
		1920	0.045	0.031	


1/8/13
SAN FRANCISCO BAY
[redacted]
WORK AREA # 1008
[redacted]
UPWIND # 1161
[redacted]
DOWNWIND #10973
[redacted]
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN 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

[redacted] Sound Meter

LOG SHEET

PEAK READINGS

ERRG

Prepared by: RICHARD ESPP
Project Name: PARCEL B
Site Location: HPNS
Calibration (Date and Time):

Client: US ARMY
Project No.: 2012-037
Page: of
Standard Used: 1

Location	Date	Time	(dBA) SLM	Instrument [redacted]	Comments
SITE ENTRANCE - B116	1/8/13	1400	55.6		EQUIP. + BACK-UP ALARMS
		1607	56.4		" "
		1812	63.2		LOADING FILTER ROCK
DONAHUE GATE @ GALVEZ	1/8/13	1406	57.8		SHOVELING RUBBLE EXC.
		1610	55.6		" "
		1815	58.4		DUMPING FILTER ROCK
DONAHUE GATE @ GALVEZ	1/8/13	1412	57.8		BACK-UP ALARMS
		1611	58.2		" "
		1815	50.5		" "
INNES + DONAHUE ST.	1/8/13	1415	54.7		TRAFFIC
		1615	63.2		"
		1820	65.7		" - CONST. 52.5

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 08/01/13

REPORT NO 036

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
02	Excavated shoreline to design subgrade between stations 2+09 and 1+70 in IR-23. Grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile fabric to a 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 2+09 and 1+70.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Began removing rock and concrete debris from the shoreline between Dry Dock 5 and Dry Dock 6.
	Collected bay water quality measurements. ESP Surveying started surveying the neatline elevation of the installed revetment.

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

01/08/13 — 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

Shoreline Excavation and Revetment

Date: 01/08/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

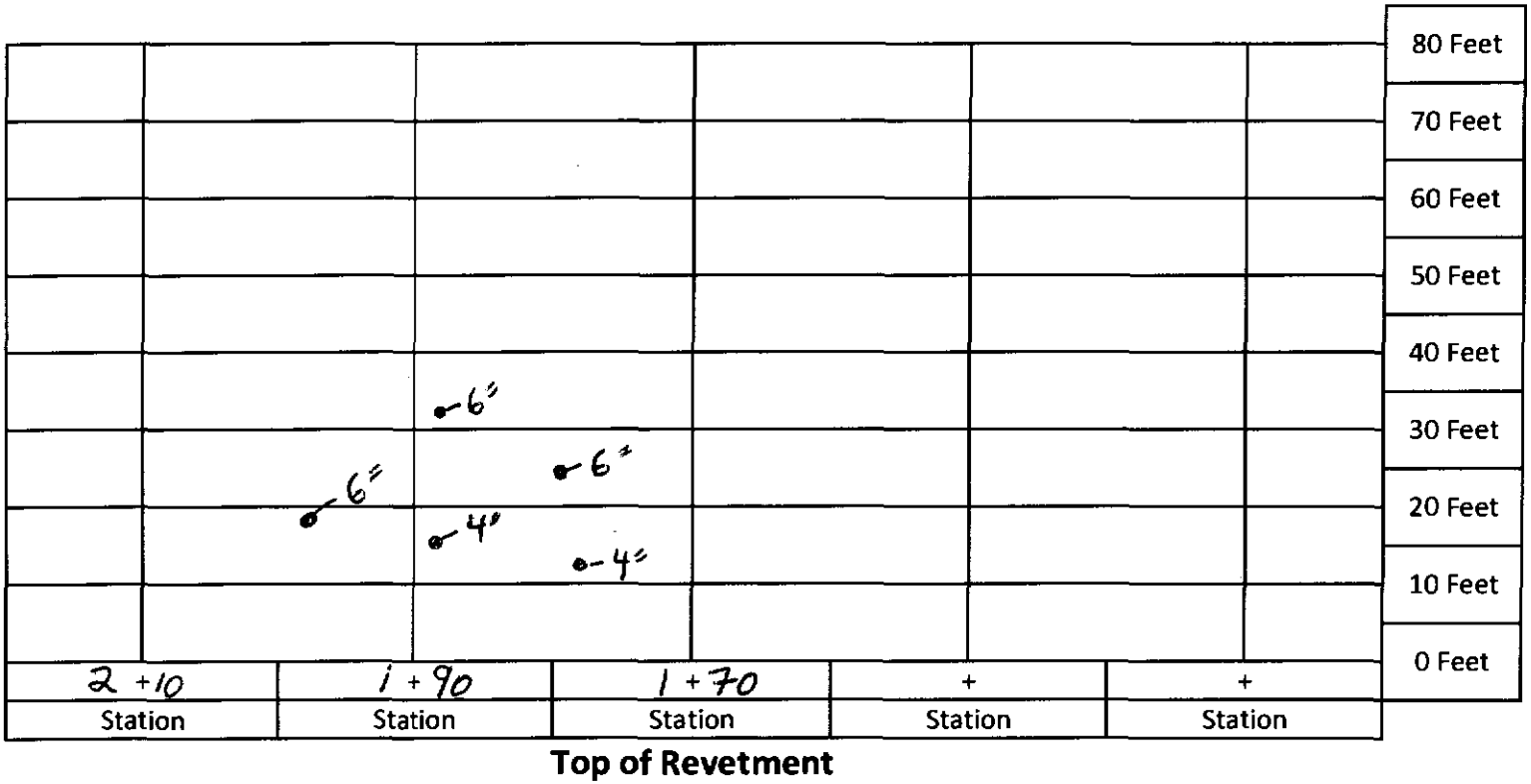
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 01/08/13

Filter Rock Thickness Check Locations

Date: 1/8/13
Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	1/8/13	Date	1/8/13
Time	1911	Time	1903
DO (mg/L)	10.53	DO (mg/L)	5.60
pH	7.86	pH	7.75
Turbidity (NTU)	50.4	Turbidity (NTU)	19.0
Temperature (°C)	11.60	Temperature (°C)	10.81

YSI Meter 3-Pt. pH Calibration Table

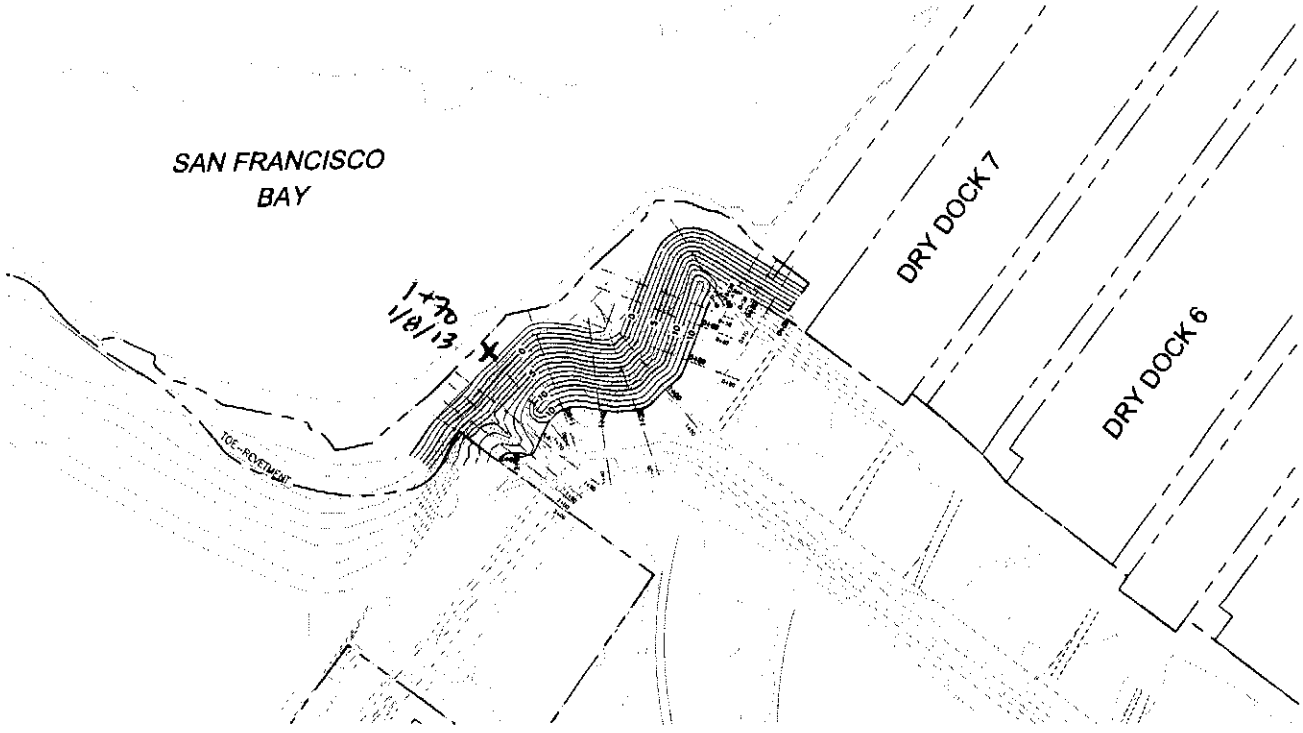
1st pH	4.00
Reading	4.00
2nd pH	7.00
Reading	7.01
3rd pH	10.00
Reading	10.02

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature: [signature]

Date: 1/8/13



ERRG Engineering/Remediation Resources Group, Inc. 115 Sansome St., Suite 900 San Francisco, California 94104 (415) 399-8974	CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, WEST	PLAN VIEW REVETMENT WEST SECTIONS			
	LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA	DRAWN BY: SC 11/06/12	CHECKED BY: JS 11/06/12	PROJECT NO. 2012-037	FIG. NO. 0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 2+09 and 1+70 (in IR-23)

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 2+09 and 1+70

HPNS Parcel B Remedial Action, San Francisco, California

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

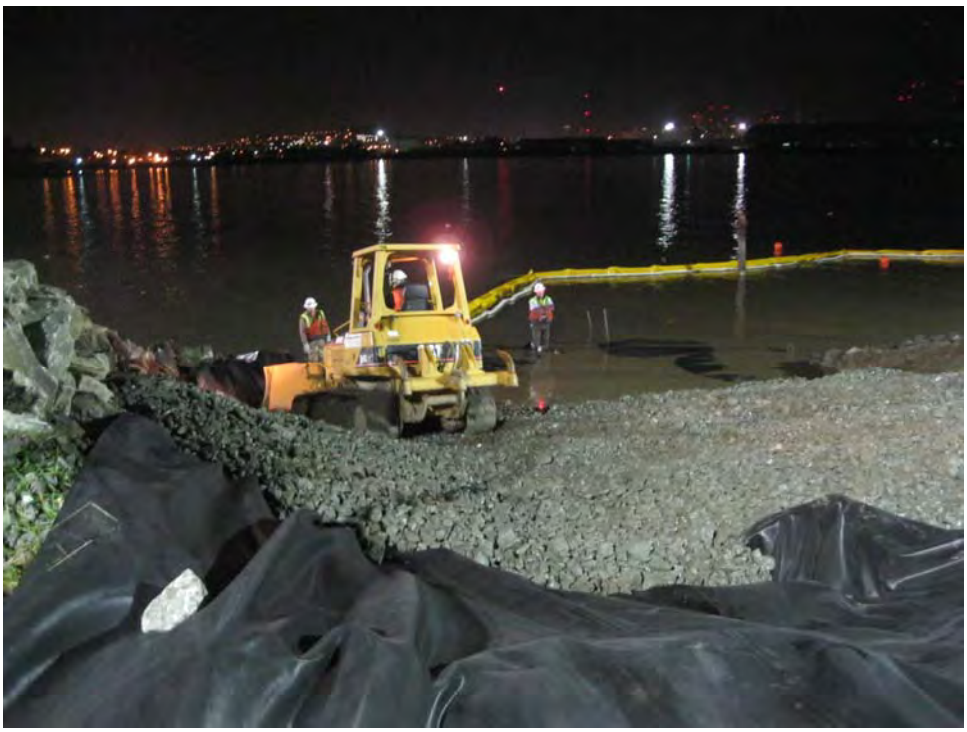


Photo 3: Shoreline Excavation and Revetment – Placement of filter rock over the geotextile fabric between stations 2+09 and 1+70

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 4: Shoreline Excavation and Revetment – Riprap installed between stations 2+09 and 1+70

HPNS Parcel B Remedial Action, San Francisco, California

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	09/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	037		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold	PM WEATHER	Cloudy/Cold
MAX TEMP (F)	54	MIN TEMP (F)	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction, and	ERRG	1	Superintendent	10
	perform equipment inspections. Begin removing old rip rap and surface debris	ERRG	1	Construction Manager	8
	from this evening's cut area. Excavate revetment section to specified grades,	ERRG	1	Project Manager	4
	install filter fabric, place 4" filter rock to specified grade and top with 1/4 ton rip	ERRG	1	QC Manager	10
	rap per specification. Install ~70' by station today.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
	Surveyors on site to continue re-staking top of revetment and as-built areas.	ERRG	4	Equipment Operators	30
		ERRG	5	Laborers	32
		ERRG	2	Truck Drivers	10
		ESP	2	Surveyors	16

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	148
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	5022.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	5170.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores 01/09/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 09/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 037 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold	Cloudy/Cold	54	48

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	6

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

01/09/13 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/9/13 **TIME** 1330 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REMEDIATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS STYF, MUD, DARKNESS, NEAR WATER, EQUIPMENT

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

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
Eric Jones	ESP	[signature]
Juan Loreto	ESP	[signature]
Toney Green	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Chris Hay	ERRG	[signature]
Jim Aguilar	ERRG	[signature]
Fernando Loza	ERRG	[signature]
[illegible]	[illegible]	[signature]
Spencer Johnson	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Stoneman	ERRG	[signature]
TY Appell	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

AHA #: 7 Shoring Removal

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nobles		1/9/13 @ 1330
Site Safety and Health Officer:	Richard Epp		1/9/13 @ 1330
Construction Quality Control Manager:	Spencer Slominski		1/9/13 1330
Employee(s): ESP	Eric Jones		1/9/13
ESP	Juan Lovato		1/9/13
	Tony Green		1-8-13 13[30]
	Kenny Bayley		1-9-13 1300
	Paul Rodriguez		
	Enrique Martinez		1-9-13 13:00
	Jim Aguilar		1-9-13 1330
	Chris Hay		1-9-13 1330
	Fernando Loza		1-9-13 1330
	Boris		1-9-13 1320
	Spencer Johnson		1/9/13 1330
	Brian Kerr		1/9/13 1330
	Mike Babst		1/9/13 1330
	Ty ARM		1/9/13 1330

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	1/9/12
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN SHOWERS, OVERCAST, WIND	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

SURVEYORS ON SITE

EXCAVATION OF SHALLOW RUBBLE, SCRAPE & TOE.

PLACING FILTER FABRIC, FILTER ROCK & RIP RAP. LIGHT LEVEL IN WORK AREA EXCEEDS 6.2 Fc

ALL INSPECTIONS COMPLETED

STOCKPILES INSPECTED FOR BMPs & ADDITIONAL BMPs PLACED ON ADDED DEBRIS DEPOSITS.

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, BULLDOZER, AND LOADER, LIGHT TOWERS, WATER TRUCK, 2 HOWITZERS.

Signed: _____ Date: 1/9/12

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
	1/9/13				
AIR MONITORS NOT DEPLOYED DUE TO INCLEMENT WEATHER AND FORECAST FOR RAIN DURING THE SHIFT.					

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 09/01/13

REPORT NO 037

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
02	Excavated shoreline to design subgrade between stations 1+70 and 1+00 in IR-23. Grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile fabric to a 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 1+70 and 1+00.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements. ESP Surveying continued surveying the neatline elevation of the installed revetment.

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

01/09/13 — 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

Shoreline Excavation and Revetment

Date: 01/09/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

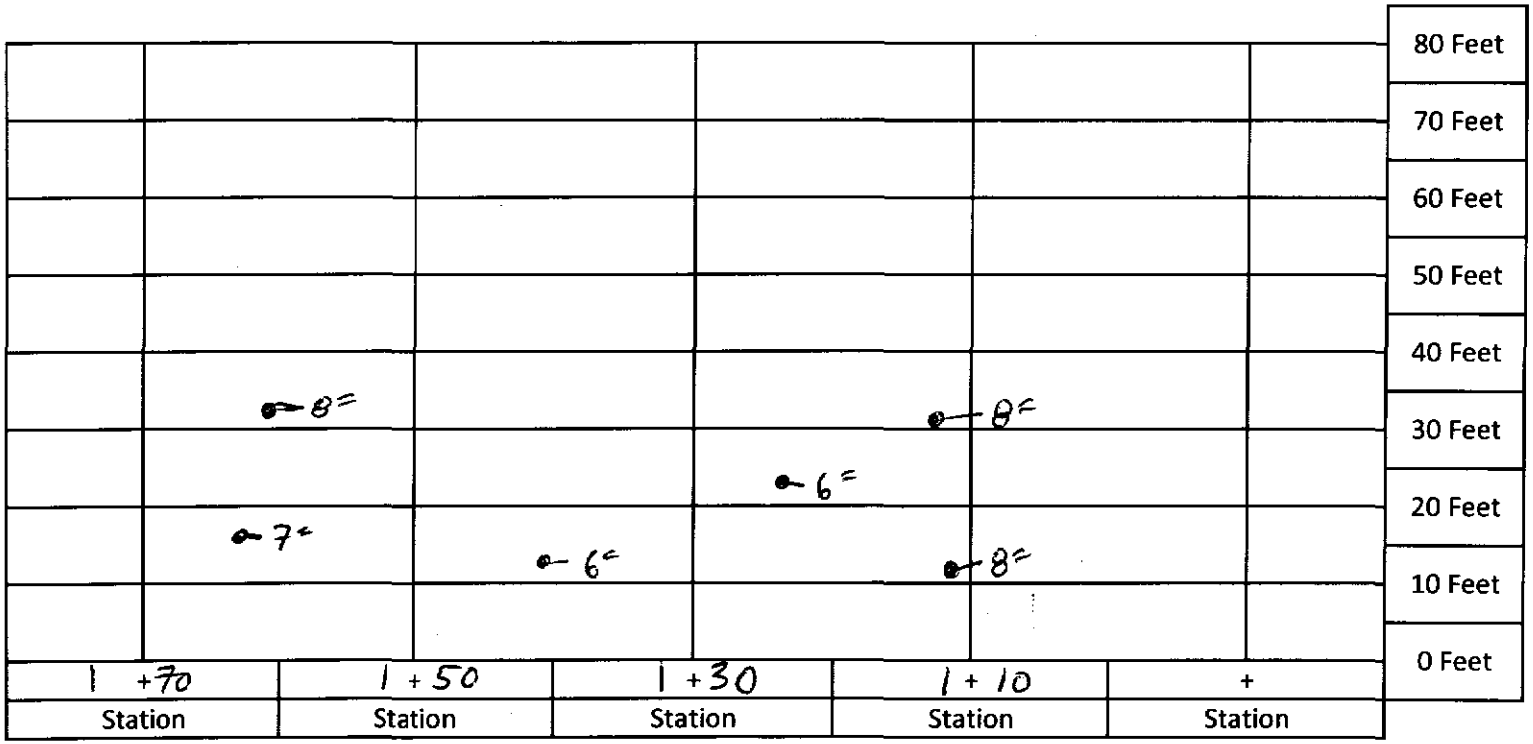
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 01/09/13

Filter Rock Thickness Check Locations

Date: 1/9/13
Checked By: SJ



Top of Revetment

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 1+70 and 1+00 (in IR-23)

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 9, 2013

Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 1+70 and 1+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 9, 2013

Photo 3: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 1+70 and 1+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 9, 2013

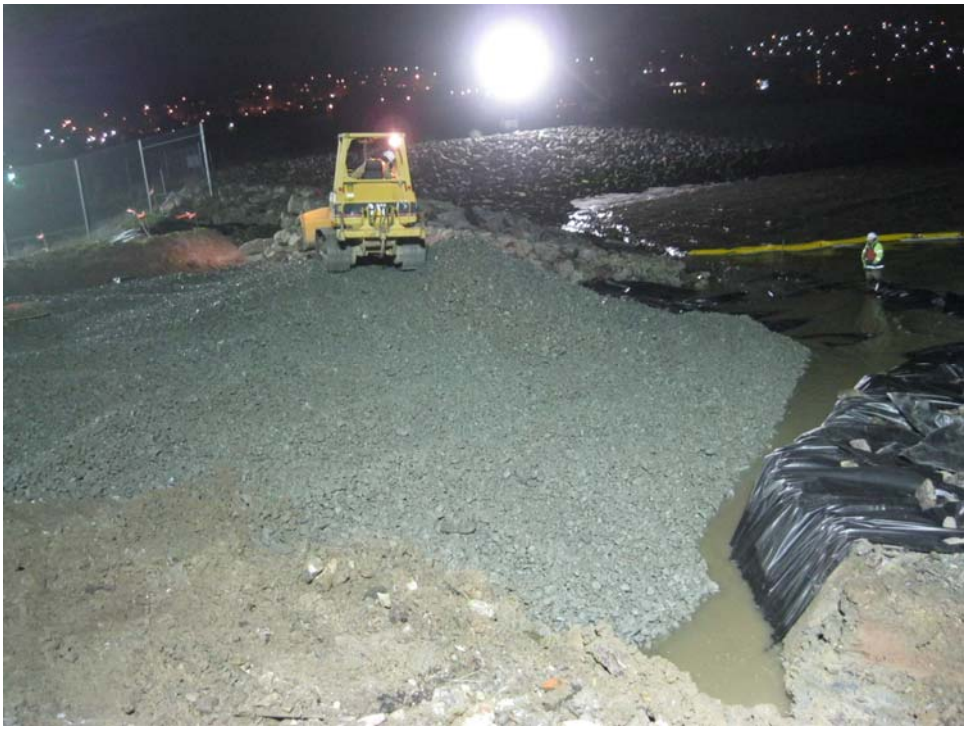


Photo 4: Shoreline Excavation and Revetment – Placement of filter rock over the geotextile fabric between stations 1+70 and 1+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 9, 2013

Photo 5: Shoreline Excavation and Revetment – Riprap installed between stations 1+70 and 1+00

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 10, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	10/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	038		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Rain/Cold	PM WEATHER	Clear/Cold
MAX TEMP (F)	54	MIN TEMP (F)	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction, and	ERRG	1	Superintendent	13
	perform equipment inspections. Begin removing old rip rap and surface debris	ERRG	1	Construction Manager	8
	from this evenings cut area, Excavate revetment section to specified grades,	ERRG	1	Project Manager	4
	install filter fabric, place 4" filter rock to specified grade and top with 1/4 ton rip	ERRG	1	QC Manager	10
	rap per specification. Install ~60' by station today.	ERRG	1	H&S Officer	13
		ERRG	2	QC Staff	20
	Surveyors on site to continue re-staking top of revetment and as-built areas.	ERRG	4	Equipment Operators	26
	Jerico on site to deliver rip rap, unloaded in the dry dock 3 staging area	ERRG	5	Laborers	36
		ERRG	2	Truck Drivers	10
		ESP	2	Surveyors	16
		Jerico	4	Barge Crew	44

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	200
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	5170.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	5370.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for barge unloading and revetment construction, 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
02	008	1/4 ton rip rap

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS
02	2 people from the Coast Guard stopped by to talk to the barge crew but did not enter the site.
	Ross Steenson from the Water Board and Glen Nelson Navy CSO on site tonight to witness revetment construction.

James Nores 01/10/13

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: 10/01/13	REPORT NO: 038 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Rain/Cold	PM WEATHER: Clear/Cold	MAX TEMP (F): 54	MIN TEMP (F): 48

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	6

Schedule Activity No.	REMARKS

James Nores 01/10/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/10/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK RECEIVE RIP RAP BY BARGE, SHUTTLE RIP RAP, SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, MUD, ROLLING ROCK, FLYING SHARDS, NEAR WATER, NIGHT WORK, EQUIP.

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed, PFD-1

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 Bayer	ERRG	[signature]
Toney Green	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Brian Kerr	ERRG	[signature]
[illegible]	ERRG	[signature]
Boris Portillo	ERRG	[signature]
Chris Hay	ERRG	[signature]
Fernando Leza	ERRG	[signature]
Joseph Jolley	Jerico	[signature]
Phil Bland	Jerico	[signature]
John Wright	Jerico	[signature]
Ray Gates	Jerico	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
JUAN LOVATO	ESP	[signature]
Eric Jones	ESP	[signature]
JOHN SOURIAL	ERRG	[signature]

Health & Safety Officer Richard Epp **SUPERINTENDENT** James Nores

SIGNATURE [signature] **SIGNATURE** [signature]

ERRG 2012-037

VISITORS LOG

NAME PRINTED	DATE	COMPANY	SIGNATURE
[illegible]	11/14/12	ERRG	[illegible]
PETER LOVERIDGE		ERRG	[illegible]
ALAN MOELLER		ERRG	[illegible]
EMILY JACKSON		ERRG	[illegible]
Christine Wang		ERRG	[illegible]
Claire Walker		ERRG	[illegible]
PETER STROGANOFF	15 Nov 12	ROI CC	[illegible]
ROSS STEENSON	16 Nov 12	CA REGIONAL WATER BOARD	[illegible]
DOUG DELONG	16 Nov 12	NAVY DRAP	[illegible]
MATTHEW PENA	11.26.12	TRACER	[illegible]
WES LASSETER	11.26.12	TRACER	[illegible]
Brandon Connelly	11.29.12	Klein Felder	[illegible]
Mark Lee	11-29-12	Kleinfelder	[illegible]
DAVID T. BEHNKEN		ERRG	[illegible]
Michael Friedman	11-29-12	ERRG	[illegible]
Lara Krizar	12/5/12	NAVY	[illegible]
DAVID BEHNKEN	12/5/12	ERRG	[illegible]
ARVIND ACHARYA	12/5/12	ITSI	[illegible]
Ken Leonard	12/5/12	ITSI	[illegible]
Rajan Miya	12/13/12	DBC	[illegible]
Glen Nelson		Navy CSO	[illegible]
ROSS STEENSON		REGIONAL WATER BOARD	[illegible]
CRAIG COOPER		US EPA	[illegible]
Peter Strogano FL		ROI CC	[illegible]
Manuel Padilla	12/17/12	ITSI	[illegible]
Kimberly Zar		ITSI	[illegible]
MARTY HALLOCK		ITSI	[illegible]
Charles Cranister		ITSI	[illegible]
Aaron Miranda		ITSI	[illegible]
William Moore		ITSI	[illegible]
Peter Strogano FL	27 Dec 12	ROI CC	[illegible]
DON MC CONNELL		SYAR	[illegible]
STAN KUDY		Syar	[illegible]
Glen Nelson	1/10/13	Navy CSO	[illegible]
ROSS STEENSON	1/10/13	CA WATER BOARD	[illegible]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

6 IMPACT HYD RAP

Project #: 2012-037

AHA #: 7 SHORELINE REVETMENT

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORRIS		1/10/13 @ 0700
Site Safety and Health Officer:	RICHARD EPP		1/10/13 @ 0700
Construction Quality Control Manager:	SPENCER SLOMINSKI		1/10/13 0700
Employee(s):	MIKE BABST		1/10/13 0700
	Spencer Johnson		1/10/13 0700
	Brian Kerr		1/10/13 1400
	Paul Rodriguez		1/10/13 1400
	Boris Ruiz		1/10/13 1400
	Chris Hay		1/10/13 1400
	Fernando Loza		1/10/13 1400
	Joseph Jolley		1-10-13 0700
	Ray Gates	RG	1-10-13 0700
	Phil Bland	PBland	1-10-13 0700
	John Wright		1-10-13 0700
	ENRIQUE MARTINEZ		1-10-13 1400
	Jim Aguirre		1-10-13 1400

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	1/10/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WINDY, COLD	Page:	1 of 1
Site Visitors:	GLEN NELSON - USN, ROSS STEENSON - WATER BOARD		

Description of Field Activities:

EXCAVATION, REMOVAL OF DEBRIS ON SHORELINE.

PLACE FABRIC, FILTER ROCK & RIP RAP ON SHORELINE. LOWEST LIGHT LEVEL IN WORK AREA WAS 5.4 Fc.

ALL INSPECTIONS COMPLETED, NO ISSUES.

IMPORTED RIP RAP BY BARGE.

SHUTTLED SMALL AMOUNT OF RIP RAP TO SUB PEN AREA.

EQUIPMENT - 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, END LOADER, BULLDOZER, WATER TRUCK, LIGHT TOWERS, 2 KUBOTAS.

Signed: [signature] Date: 1/10/13

ERRG

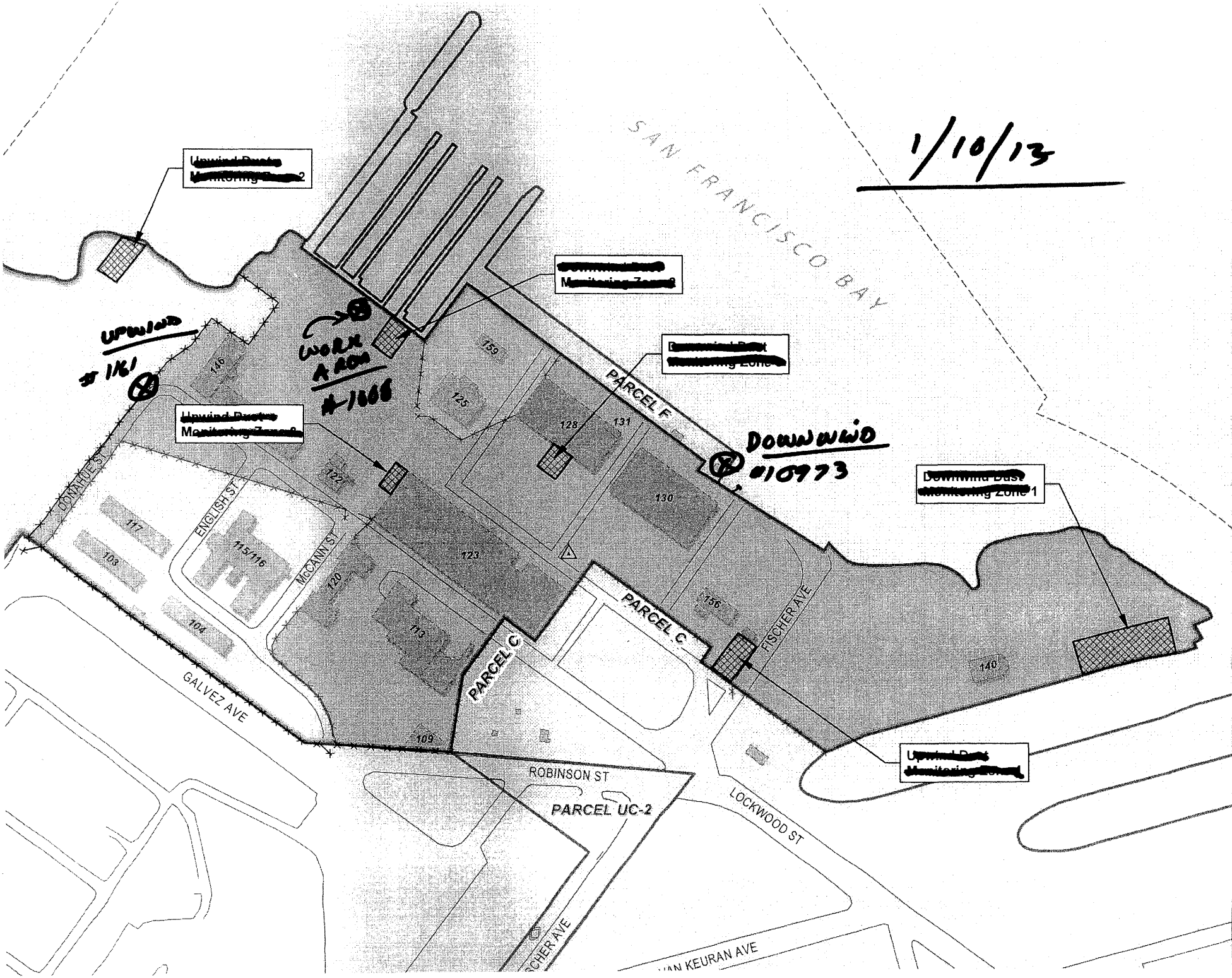
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 1/8/13

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 Dominion St. Motor # 1161	1/10/13	1425	0.031	0.031	
		1527	0.040	0.037	
		1626	0.039	0.038	
		1727	0.022	0.035	
		1858	0.000	0.026	
		2020	0.004	0.021	
WORK AREA Shoreline Motor # 1008	1/10/13	~~1439~~	0.018	0.015	
		1529	0.006	0.011	
		1629	0.007	0.011	
		1730	0.003	0.011	
		1901	0.005	0.007	
		2023	0.000	0.006	
DOWNWIND WHARF @ Bldg 130 #10937	1/10/13	1433	0.006	0.013	
		1533	0.013	0.002	
		1632	0.017	0.003	
		1732	0.007	0.004	
		1904	0.017	0.004	
		2025	0.025	0.005	


1/10/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
#1161
WORK AREA
#1008
DOWNWIND
#10973
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN 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

Hunte
De

[redacted] LOG SHEET

Sound Meter

ERRG

Prepared by: RICHARD ESPP
Project Name: PARCEL B
Site Location: HPNS
Calibration (Date and Time):

Client: US NAVY
Project No.: 2012-037
Page: of
Standard Used: /

Location	Date	Time	(dBA) Instrument SLM	[redacted]	Comments
SITE GATE @ B 116	1/10/13	1700	63.5		DUMP TRUCK
		2000	74.2		LOADING RIP RAP
DONAHUE GATE @ GAMEZ	1/10/13	1700	57.4		EXCAVATOR & DUMP
		2000	57.2		DUMP RIP RAP
		2000	64.8		LOADING RIP RAP
DONAHUE + TIDWELL BUILDING	1/10/13	1700	47.4		CONST. NOISE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 10/01/13

REPORT NO 038

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
02	Imported riprap material by barge at Dry Dock 3. ESP Surveying continued surveying the neatline elevation of the installed revetment.
	Excavated shoreline to design subgrade between stations 1+00 and 0+40 in IR-23. Grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile fabric to a 6-inch thickness. Verified that the filter
	rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap over the filter rock between stations 1+00 and 0+40.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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	A representative of the SF Regional Water Quality Control Board (Ross Steenson) and the Navy CSO (Glen Nelson) were on site to
	observe revetment construction.
	Two US Coast Guard personnel came to talk to the Jerico barge crew.

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

01/10/13 — 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

Shoreline Excavation and Revetment

Date: 01/10/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

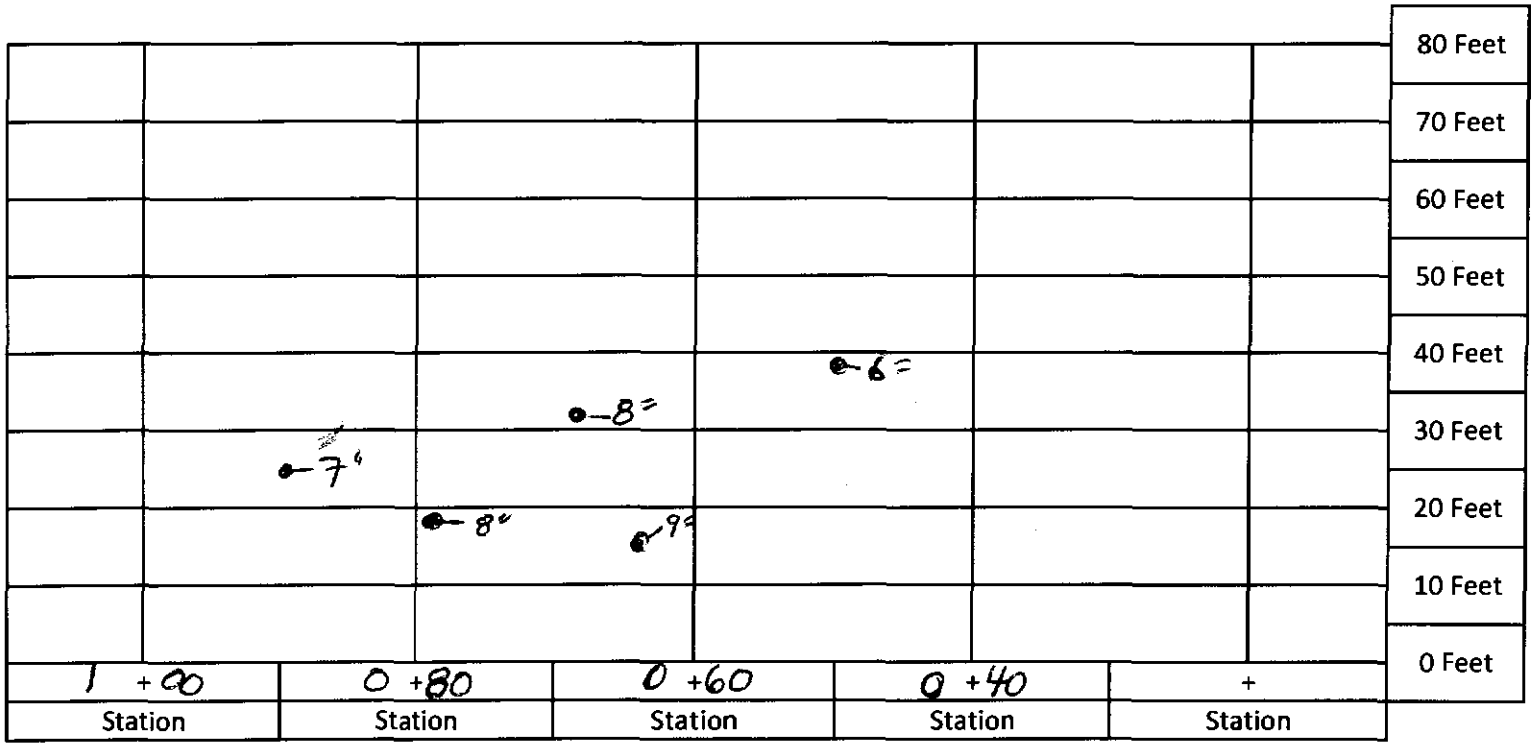
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 01/10/13

Filter Rock Thickness Check Locations

Date: 1/10/13
Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	1/10/13	Date	1/10/13
Time	2034	Time	2026
DO (mg/L)	3.02	DO (mg/L)	3.68
pH	7.80	pH	7.63
Turbidity (NTU)	50.6	Turbidity (NTU)	17.2
Temperature (°C)	9.80	Temperature (°C)	10.36

YSI Meter 3-Pt. pH Calibration Table

1st pH	4.00
Reading	3.99
2nd pH	7.00
Reading	7.00
3rd pH	10.00
Reading	10.02

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature: [signature]

Date: 1/10/13

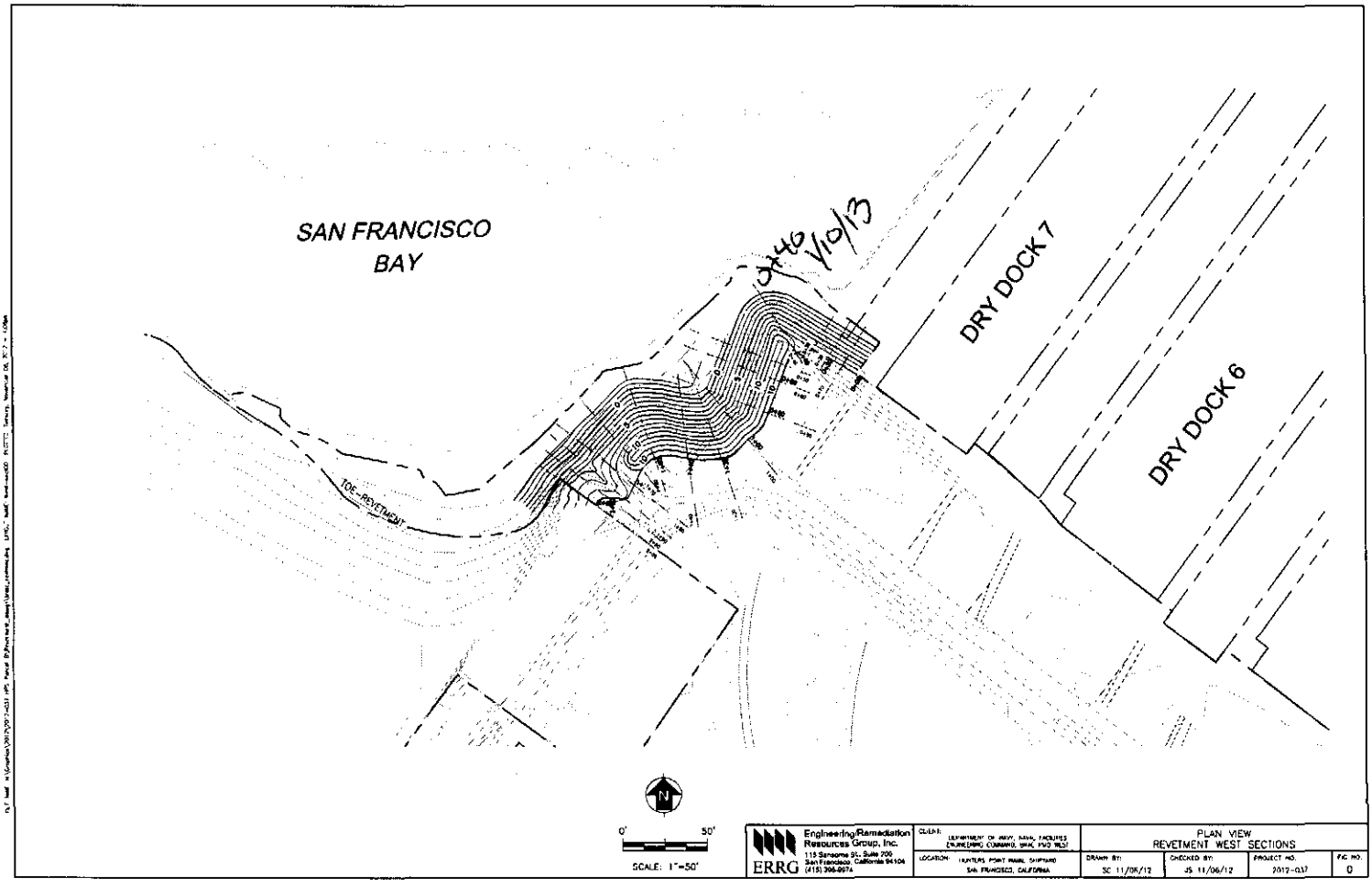

SAN FRANCISCO
BAY
3246 Y10/13
DRY DOCK 7
DRY DOCK 6
TOE REVETMENT
N
0'
50'
SCALE: 1"=50'
Engineering/Remediation Resources Group, Inc.
115 Sansome St. Suite 700
San Francisco, California 94104
(415) 398-8874
ERRG
CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFA WEST
LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA
PLAN VIEW
REVETMENT WEST SECTIONS
DRAWN BY: SC 11/06/12
CHECKED BY: JS 11/06/12
PROJECT NO. 2012-037
FIG. NO. 0

Photo 1: Shoreline Excavation and Revetment – Offloading riprap from barge at Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 10, 2013

Photo 2: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 1+00 and 0+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 10, 2013

Photo 3: Shoreline Excavation and Revetment – Installation of geotextile fabric between stations 1+00 and 0+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 10, 2013

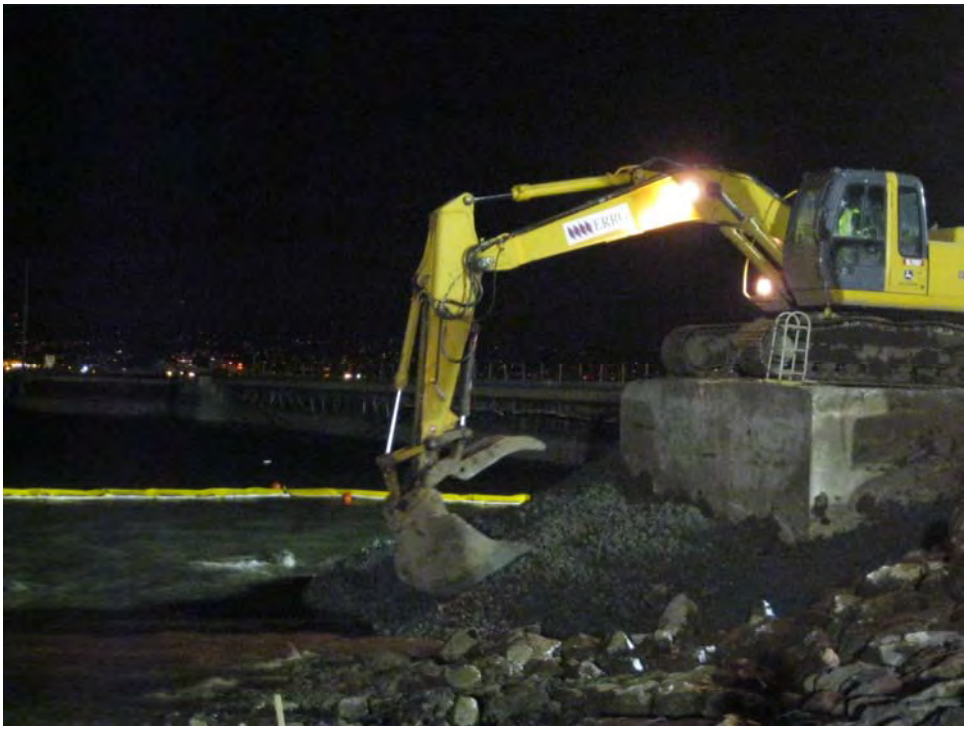


Photo 4: Shoreline Excavation and Revetment – Placement of filter rock over the geotextile fabric between stations 1+00 and 0+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 10, 2013

Photo 5: Shoreline Excavation and Revetment – Placement of riprap between stations 1+00 and 0+40

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 10, 2013

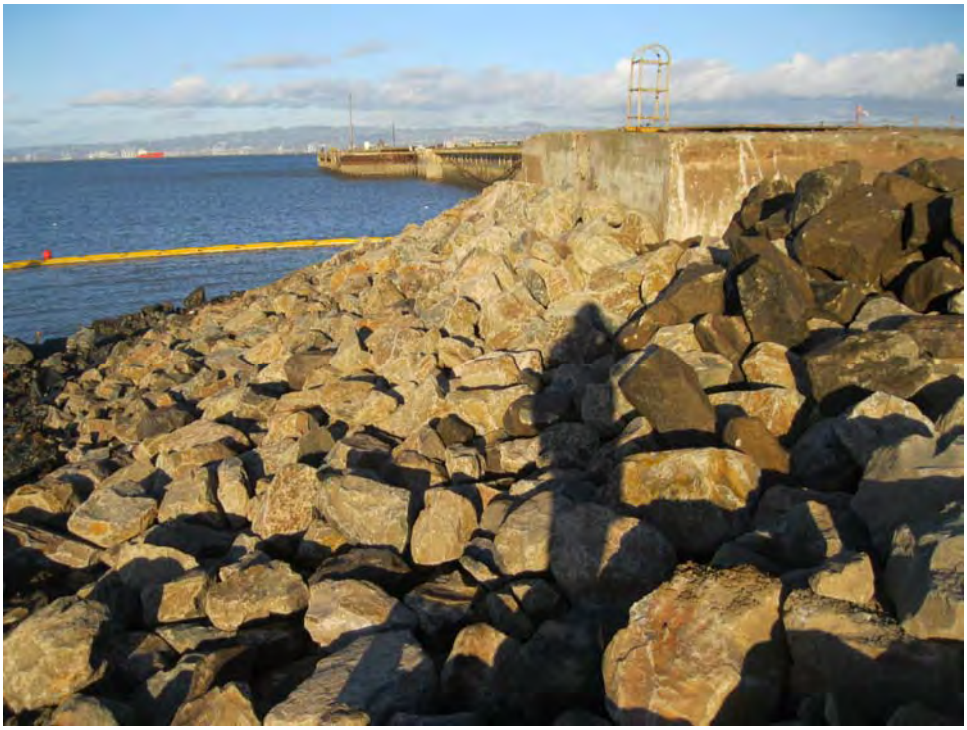


Photo 6: Shoreline Excavation and Revetment –Riprap installed between stations 1+00 and 0+40

HPNS Parcel B Remedial Action, San Francisco, California

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 039

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	52	39

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction, and	ERRG	1	Superintendent	10
	perform equipment inspections. Begin removing old rip rap and surface debris	ERRG	1	Construction Manager	0
	from this evening's cut area. Excavate revetment section to specified grades,	ERRG	1	Project Manager	2
	install filter fabric, place 4" filter rock to specified grade and top with 1/4 ton rip	ERRG	1	QC Manager	10
	rap per specification. Install ~40' by station today. Tie in revetment section to	ERRG	1	H&S Officer	10
	sub pens. Begin revetment work between the sub pens.	ERRG	2	QC Staff	20
		ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	34
		ERRG	2	Truck Drivers	10

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	5370.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	5494.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS
02	Shirley Ng with the ROICC on site today for a site walk.

James Nores — 01/11/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 039 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	52	39

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	6

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

01/11/13 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/11/13 **TIME** 1500 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, HOLES, NEAR WATER, DARK, EQUIPMENT

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

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]
Chris Hoy	ERRG	[signature]
Spencer Slomnah	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Boris [illegible]	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Shirley Ng	~~[illegible]~~ & RBCC SFB	[signature]
Mike [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

AHA #: 7 Scaffolding Removal

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	JAMES NORRIS		1/11/13 @ 1500
Site Safety and Health Officer:	RICHARD EPP		1/11/13 @ 1500
Construction Quality Control Manager:	SPENCER SLOMINSKI		1/11/13 1500
Employee(s):	King Bailey		1-11-13 1500
	Tonsy Green		1-11-13 1500
	Chris Hay		1-11-13 1500
	Ray Rodriguez		1-11-13 1500
	Jim Hunter		1-11-13 1500
	Boris R		1-11-13 3:00pm
	Fernando Loza		1-11-13 300
	Brian Ker		1-11-13 1500
	Enrique Martinez		1-11-13 1500
	Spencer Johnson		1/11/13 1500
	Mike Bates		1/11/13 1500

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	1/11/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR & COLD	Page:	1 of 1
Site Visitors:	SHIRLEY NG - ROICC		

Description of Field Activities:

REROUTED HAUL ROAD FROM DRY DOCK #3 ENTIRELY WITHIN PARCEL B.

EXCAVATION OF SHORELINE & RUBBLE NEAR SUB PENS.

PLACED FABRIC, FILTER ROCK & RIP RAP FOR SHORELINE REVETMENT.

LOWEST LIGHT LEVEL IN WORK AREA IS 5.4 FC.

ALL INSPECTIONS COMPLETED.

EQUIPMENT: 2 EXCAVATORS, OFF ROAD DUMP TRUCK, END LOADER, BULLDOZER, WATER TRUCK, LIGHT TOWERS, 2 EXCAVATORS.

Signed: Richard Epp Date: 1/14/13

ERRG

ENGINEERING/REMEDIATION RESOURCES GROUP, INC.			
Document:	HOT WORK PERMIT		
Revision #:	1.0	Document #:	EHS-003
Revision Date:		Page:	Page 1 of 1

INFORMATION			
Date and Time: 1/13/13	Job #: 2012-027	Job Location:	HPNS
Job will be performed in an Approved / Designated Welding / Cutting Area?		☐ Yes	☑ No
If No, Job Site Location / Space ID No.:	SHORELINE BY SUBPENS		
Job Supervisor:	JAMES NILES	Requested By:	D. ICOMA

TASK INFORMATION				
Type of Hot Work:	☑ Grinding	☐ Torching	☐ Welding	☐ Heating
Work to be Done:				
Name of Employee / Company performing Hot Work:	D. ICOMA, E. MALDNEZ, P. RODRIGUEZ			
Start Date and Time:	1600 1/11/13	Date and Time Permit Expires:	2100 1/11/13	
Other Procedures Needed:	☐ Lockout / Tag Out	☐ Confined Space	☐ Line Break / Opening Equipment	
	☐ Other:			

SAFETY						
In Case of Emergency Call:	☑ 911	☐ In House / Other Number				
Fire / Rescue Equipment:	☐ Harness and Lifeline	☐ Hoisting Equipment	☐ SCBA			
☐ Fire Extinguisher:	☐ A	☐ B	☐ C	☐ D	☐ A-B	☑ A-B-C	☐ B-C
☐ Water Line / Hose	☑ Portable Extinguisher	☐ AFFF	☐ DRY	☑ CHEM	☐ FOAM	
Other:						
Communication:	☐ Radio	☑ Hand Signals	☐ Oath Tug Method	☐ Light Signals		
Fire Watch Posted?	☐ No	☑ Yes	Name of Fire Watch: D. ICOMA, E. MARTINEZ, P. RODRIGUEZ			
Is it possible to do this in the approved Welding / Cutting Work Area?	☐ Yes	☑ No				

DO NOT CUT, WELD OR USE OTHER OPEN FLAME OR SPARK PRODUCING EQUIPMENT UNTIL THE FOLLOWING PRECAUTIONS HAVE BEEN CHECKED.

Yes	No		
☑	☐	1.	Flame- or spark-producing equipment to be used has been inspected and found in good working condition.
☐	☑	2.	Sprinklers, where provided, are in commission and will not be taken out of service while this work is being done.
☑	☐	3.	No combustible or flammable fibers, dust, vapors, gases, or liquids are in the area. Tanks and equipment previously containing such materials have been purged. The absence of gases or vapors has been verified by a combustible gas detection instrument. If a leak could develop in nearby piping, equipment, or tanks, this area is continuously monitored.
☑	☐	4.	The work will be confined to the area or equipment specified on this permit.
☑	☐	5.	Surrounding floors have been swept clean and if combustible, wet down.
☑	☐	6.	Ample portable extinguishing equipment such as hand hose or extinguishing equipment has been provided.
☑	☐	7.	All combustibles have been relocated 35 feet from the operation and the remainder protected with metal guards or fire-proofed curtains or covers (not ordinary tarpaulins).
☐	☑	8.	All floor and wall openings within 35 feet of the operations have been covered (fireproof tarpaulins are suspended beneath work to collect sparks and protect others).
☑	☐	9.	Responsible personnel have been assigned to watch for dangerous sparks in the work area, as well as floors above and below.
☑	☐	10.	Arrangements have been made for a patrol of the area, including floors above and below, during lunch or rest periods, and for at least 0.5 hour after the work has been completed.

Hot Work Employee Approval Signature: [signature]

Fire Watch Approval Signature: [signature]

Supervisor Approval Signature: [signature]

Safety Manager Approval Signature: [signature]

Date and Time Expired: 1/11/13 10:00PM Signature: [signature]

Job Completed: ☒ YES ☐ NO Incident? ☐ YES ☒ NO

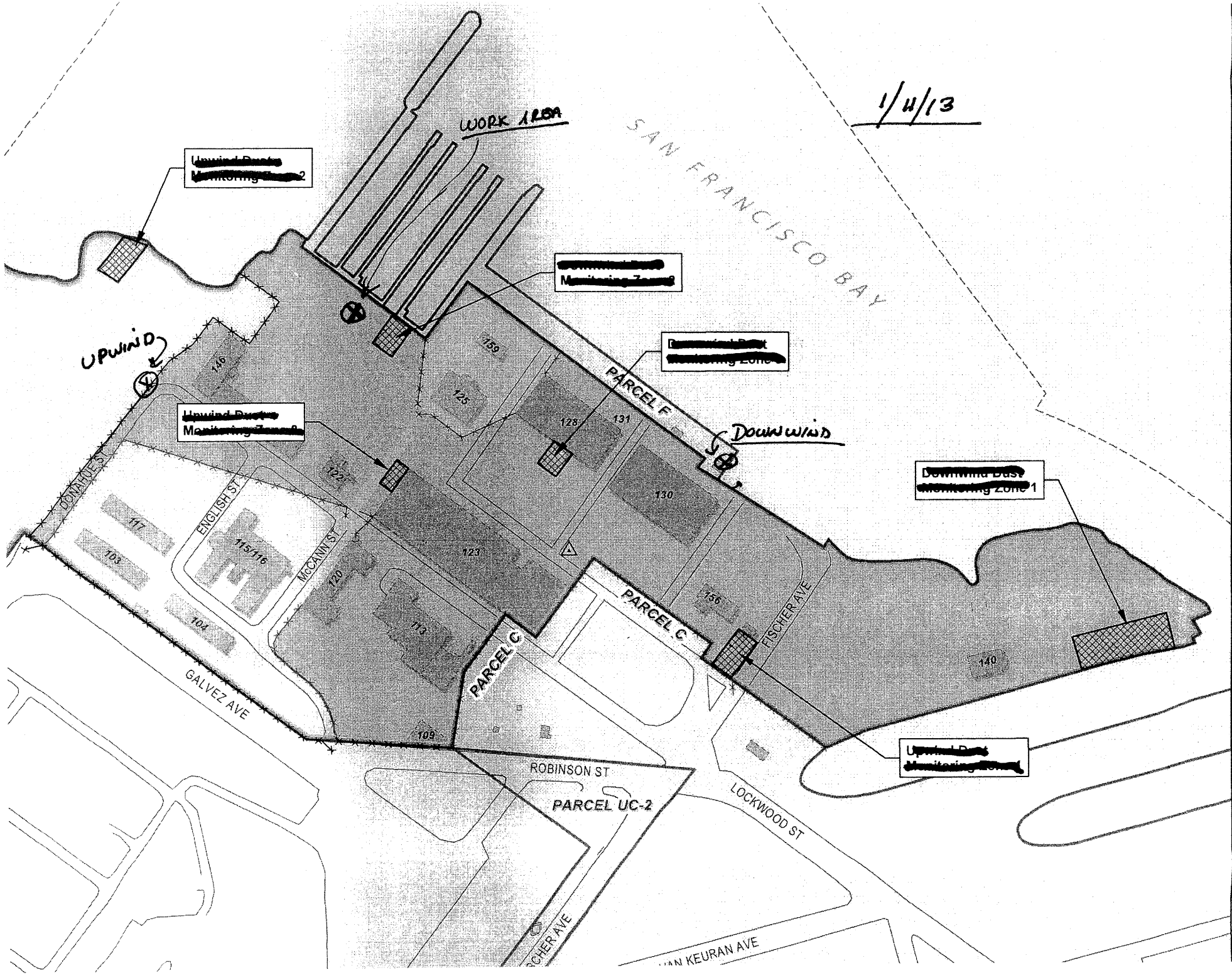
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 1/7/13

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 St:	1/11/13	1515	0.019	0.018	
Meter # 1161		1637	0.000	0.005	
		1759	0.000	0.010	
		1917	0.000	0.000	
		2020	0.000	0.000	
		2125	0.000	0.000	
WORK AREA Sub Pens	1/11/13	1519	0.002	0.001	
Meter # 1008		1640	0.000	0.003	
		1802	0.000	0.000	
		1920	0.000	0.000	
		2022	0.000	0.000	
		2128	0.000	0.000	
DOWNWIND Wharf	1/11/13	1522	0.008	0.007	
Bldg 130 #10973		1642	0.009	0.004	
		1805	0.005	0.002	
		1923	0.007	0.001	
		2025	0.015	0.001	
		2132	0.000	0.000	


1/11/13
WORK AREA
SAN FRANCISCO BAY
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
146
159
125
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 11/01/13

REPORT NO 039

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
02	Excavated shoreline to design subgrade between stations 0+40 and 0+00 in IR-23. Grade checker verified subgrade elevations. Installed
	geotextile fabric on completed subgrade and placed filter rock over the geotextile fabric to a 6-inch thickness between stations 0+40 and 0+10.
	Verified that the filter rock thickness was within the specified tolerances. Placed 3-foot thick layer of riprap between stations 0+40 and 0+00.
	Removed rock and concrete debris from the shoreline between Dry Dock 6 and Dry Dock 7, and started excavating this section of shoreline.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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	Shirley Ng (Navy ROICC) was on site to inspect the revetment construction.

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

01/11/13 — 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

Shoreline Excavation and Revetment

Date: 01/11/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

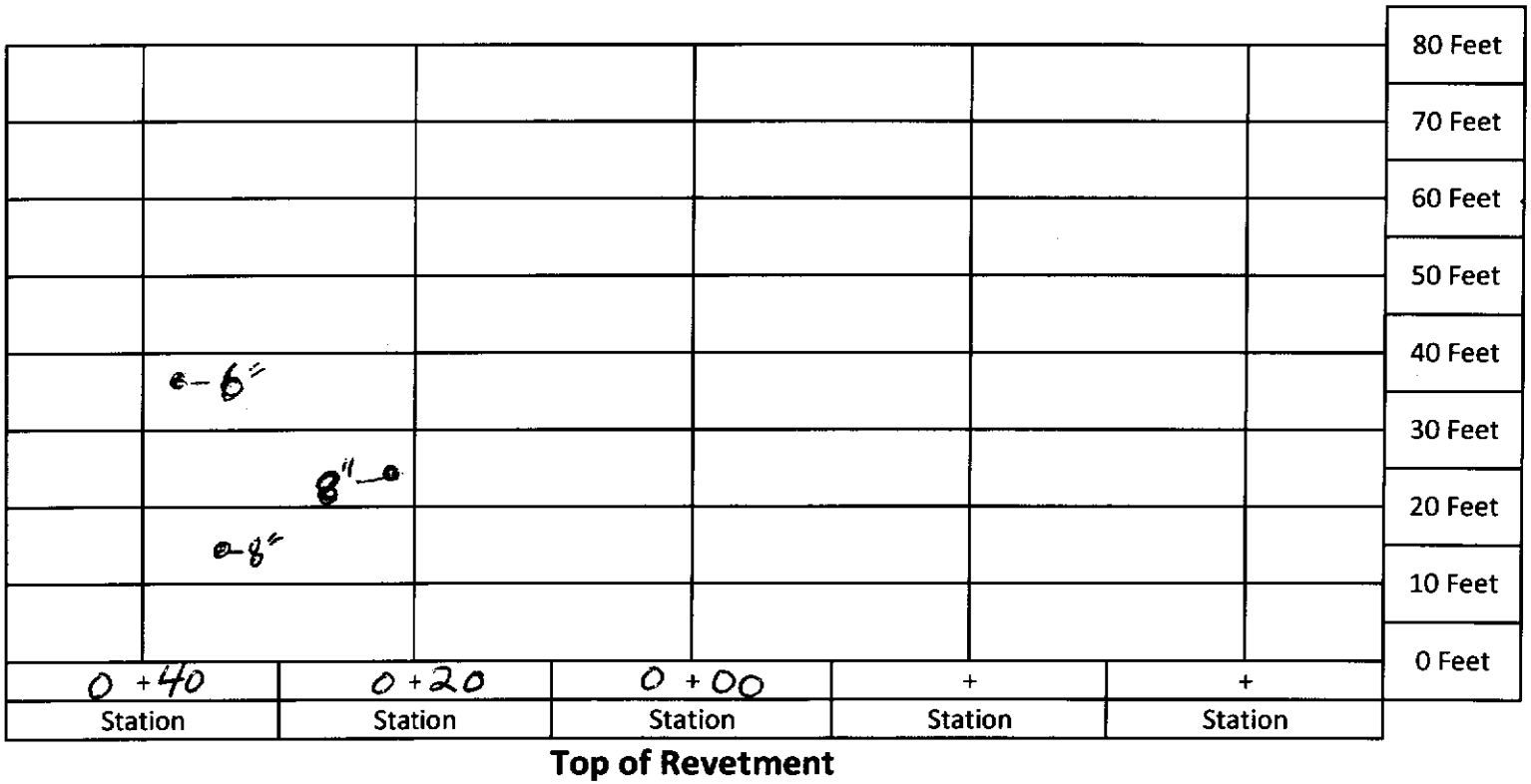
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 01/11/13

Filter Rock Thickness Check Locations

Date: 1/11/13
Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	1/11/13	Date	1/11/13
Time	1956	Time	1942
DO (mg/L)	6.20	DO (mg/L)	6.42
pH	7.90	pH	7.63
Turbidity (NTU)	125.4	Turbidity (NTU)	66.2
Temperature (°C)	8.60	Temperature (°C)	10.10

YSI Meter 3-Pt. pH Calibration Table

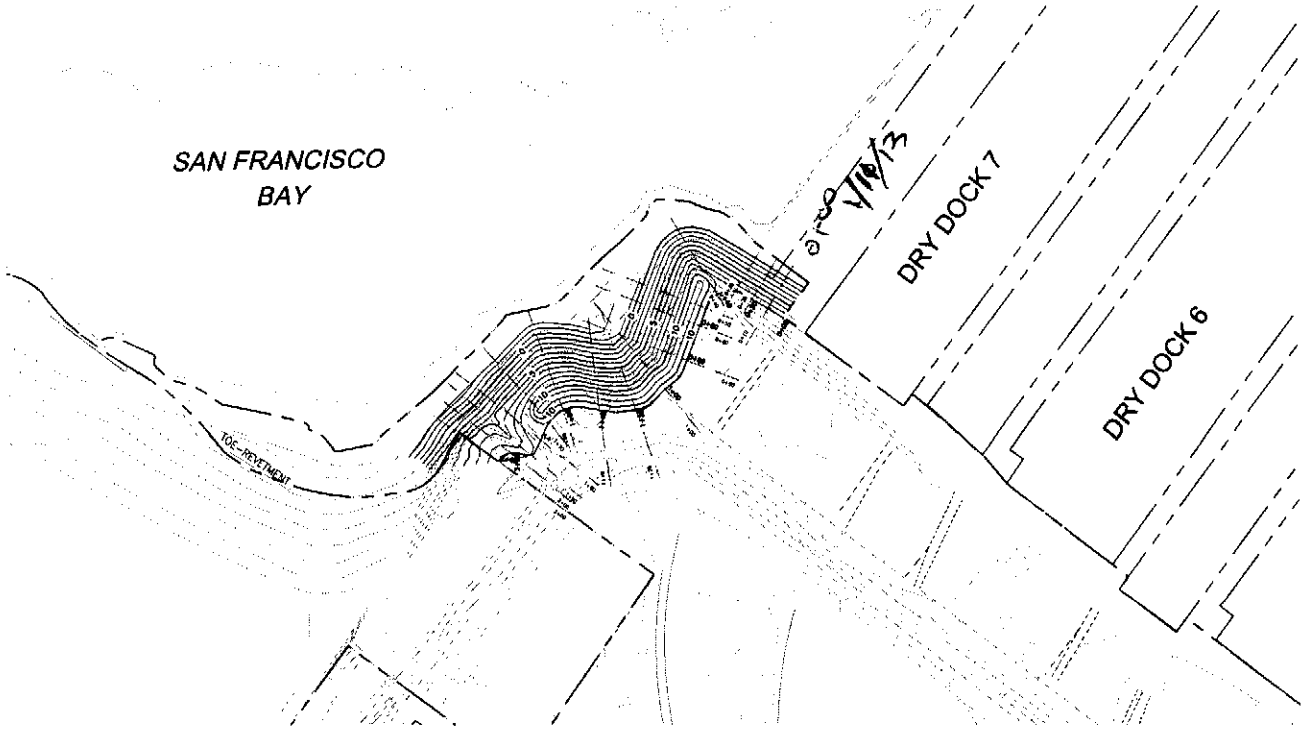
1st pH	4.00
Reading	3.99
2nd pH	7.00
Reading	7.01
3rd pH	10.00
Reading	9.99

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature:

Date: 1/11/13



Engineering/Remediation Resources Group, Inc. 135 Sansome St. Suite 200 San Francisco, California 94104 (415) 365-0674 ERRG	CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO WEST	PLAN VIEW REVETMENT WEST SECTIONS			
	LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA	DRAWN BY: SC 11/06/12	CHECKED BY: JS 11/06/12	PROJECT NO. 2012-037	FIG NO. 0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 0+40 and 0+00

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Shoreline Excavation and Revetment – Geotextile fabric installed between stations 0+40 and 0+10

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 3: Shoreline Excavation and Revetment – Placement of filter rock over the geotextile fabric between stations 0+40 and 0+10

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 0+40 and 0+00

HPNS Parcel B Remedial Action, San Francisco, California

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 12/01/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	040

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	52	39

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction, and	ERRG	1	Superintendent	8
	perform equipment inspections. Crew shuttling recycled rip rap rock to the sub	ERRG	1	Construction Manager	0
	pen area. Excavate key in trench at bottom of 2:1 slope on area between sub	ERRG	1	Project Manager	0
	pens, place filter fabric over slope, top with filter rock and cap with recycled rip	ERRG	1	QC Manager	8
	rap. Excavate debris and undermined duct banks between second sub pen,	ERRG	1	H&S Officer	8
	grade slope to 2:1, place fabric and filter rock, begin capping with recycled rip	ERRG	2	QC Staff	20
	rap.	ERRG	4	Equipment Operators	28
		ERRG	5	Laborers	34
		ERRG	2	Truck Drivers	10

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	5494.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	5610.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS
	Fed Police Officer Lt. Terry Alling on site tonight- discussing copper miners and that he wanted us to be diligent about locking our equipment up and keeping an eye out for
	suspicious looking boats along the shore.

James Nores — CONTRACTOR/SUPERINTENDENT

01/12/13 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	12/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	040 cont.		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Clear/Cold
MAX TEMP (F)	52	MIN TEMP (F)	39

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	6

Schedule Activity No.	REMARKS

James Nores 01/12/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/12/13 **TIME** 1530 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS STIF, MUD, DARK, NEAR WATER, HOLES, 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
Paul Rodriguez	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Chris Hay	ERRG	[signature]
Joney Green	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
Spencer Slemmer	ERRG	[signature]
Blanker	ERRG	[signature]
Mike Baker	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Fernando Lara	ERRG	[signature]
[illegible]	ERRG	[signature]
King Bailey	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2011-147, Hunters Point Naval Shipyard, Parcels [redacted] AHA #: 7 Excavation Revisions

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/12/13 @ 1530
Site Safety and Health Officer:	[redacted] R. EAP		1/12/13 @ 1530
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		1/12/13 1530
Employee(s):		Raul Rodriguez	1/12/13 1530
	Spencer Johnson		1/12/13 1530
	Chris Hay		1/12/13 1530
	Toney Green		1-12-13 15:30
	Jim Aguirre		1-12-13 1530
	Brian Kerr		1-12-13 1530
	Mike Bubar		1-12-13 1530
	Enrique Martinez		1-12-13 1530
	Fernando Loza		1-12-13 1530
	Boris Tomic		1-12-13 1530

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	SATURDAY	Date:	1/12/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR + COLD	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

EXCAVATION & RUBBLE REMOVAL BETWEEN SUB PENS.

PLACE FABRIC, FILTER ROCK AND RIP RAP IN EXCAVATED AREAS

DEBRIS STOCKPILES POLICED FOR BMPs, ALL SECURED.

LOWEST LIGHT LEVEL IN WORK AREA WAS 5.5 FC. ALL INSPECTIONS COMPLETED, NO ISSUES.

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, END LOADER, BULLDOZER, WATER TRUCK, LIGHT TOWERS, 2 KUBOTAS

Signed: [signature] Date: 1/12/13

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 1/8/13

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 Dornans St. Motor # 1161	1/12/13	1552	0.060	0.068	
		1642	0.080	0.059	
		2058	0.029	0.039	
		2225	0.017	0.029	
WORK AREA Sub Pens Motor # 1008	1/12/13	1549	0.008	0.014	
		1644	0.007	0.009	
		2102	0.069	0.014	
		2231	0.053	0.014	
DOWNWIND Lennar @ Bldg 130	1/12/13	1556	0.005	0.020	
		1647	0.046	0.006	
		2104	0.009	0.011	
		2234	0.010	0.010	

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW11079

Project Number / Name: HP **Rental** ☐ **ERRG** ☒

Inspected By / Date:				12-27-12			12-28-12			12-29-12			12-30-12			
Daily Hours:				1096.4			1097.3			1098.5			1099.6			
	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: KUBOTA **Identification Number:** TW1107B

Project Number / Name: HPWS, PARCEL B **Rental** ☐ **ERRG** ☑

Inspected By / Date:	RJE/12-28-12			RJE 12/6/12			RJE 12/30/12			RJE 1/7/13			RJE 1/8/13			
Daily Hours:	941.1			943.7			946.0			947.4			951.2			
	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: 330 CAT Excavator **Identification Number:** _____

Project Number / Name: HPSS 20-12-037 **Rental** ☐ **ERRG** ☐

Inspected By / Date:	BP 1/7/13			BP 1/8/13			BP 1-9-13			BP 1-10-13			BP 1-11-13			
Daily Hours:	1995			2000			2007			2015			2021			
	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	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	Step
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	☐	☐	☒	☐	☐	☒	☒ BP	☐	☒	☐	☐	☒	☐	☐	☒	

Explain corrective actions taken: Windshield crack
Step Damage

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 644J **Identification Number:** AS4458

Project Number / Name: 2012 037 Hunters Point **Rental** ☐ **ERRG** ☒

Inspected By / Date:	1-7-13 TG			1-8-13 JH			1-9-13 JH			1-10-13 JH			1-11-13 Kiki			
Daily Hours:	3818.3			3822.7			3829.2			3836.9			3843.6			
	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: HAUL TRUCK **Identification Number:** H15397

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

Inspected By / Date:	FL 7-7-13			FL 7-8-13			FL 7-9-13			FL 7-10-13			FL 7-11-13			Defect(s):
Daily Hours:	3147.0			3151.7			3158.8			3166.5			3173.8			
	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?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	TAIL LIGHTS BACK UP LIGHT OUT
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: REAR TIRE DAMAGE, TAIL LIGHTS NOT WORKING, 1 BACK UP LIGHT OUT

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 12/01/13

REPORT NO 040

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
02	Excavated the shoreline between Dry Dock 5 and Dry Dock 6 to a 2:1 slope and excavated a key-in trench at the bottom of the slope. Installed
	geotextile fabric on the subgrade, placed filter rock over the geotextile fabric to a 6-inch thickness, and placed a 3-foot thick layer of recycled riprap
	between Dry Dock 5 and Dry Dock 6. Removed concrete debris and duct banks between Dry Dock 6 and Dry Dock 7, excavated the shoreline to a
	2:1 slope, and excavated a key-in trench at the bottom of the slope. Installed geotextile fabric on the subgrade, placed filter rock over the geotextile
	fabric to a 6-inch thickness, and begin placing a 3-foot thick layer of recycled riprap between Dry Dock 6 and Dry Dock 7.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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	Federal Police Officer Lt. Terry Alling came to the site to discuss the potential of vandalism caused by copper thieves.

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

01/12/13 — 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

Shoreline Excavation and Revetment

Date: 01/12/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

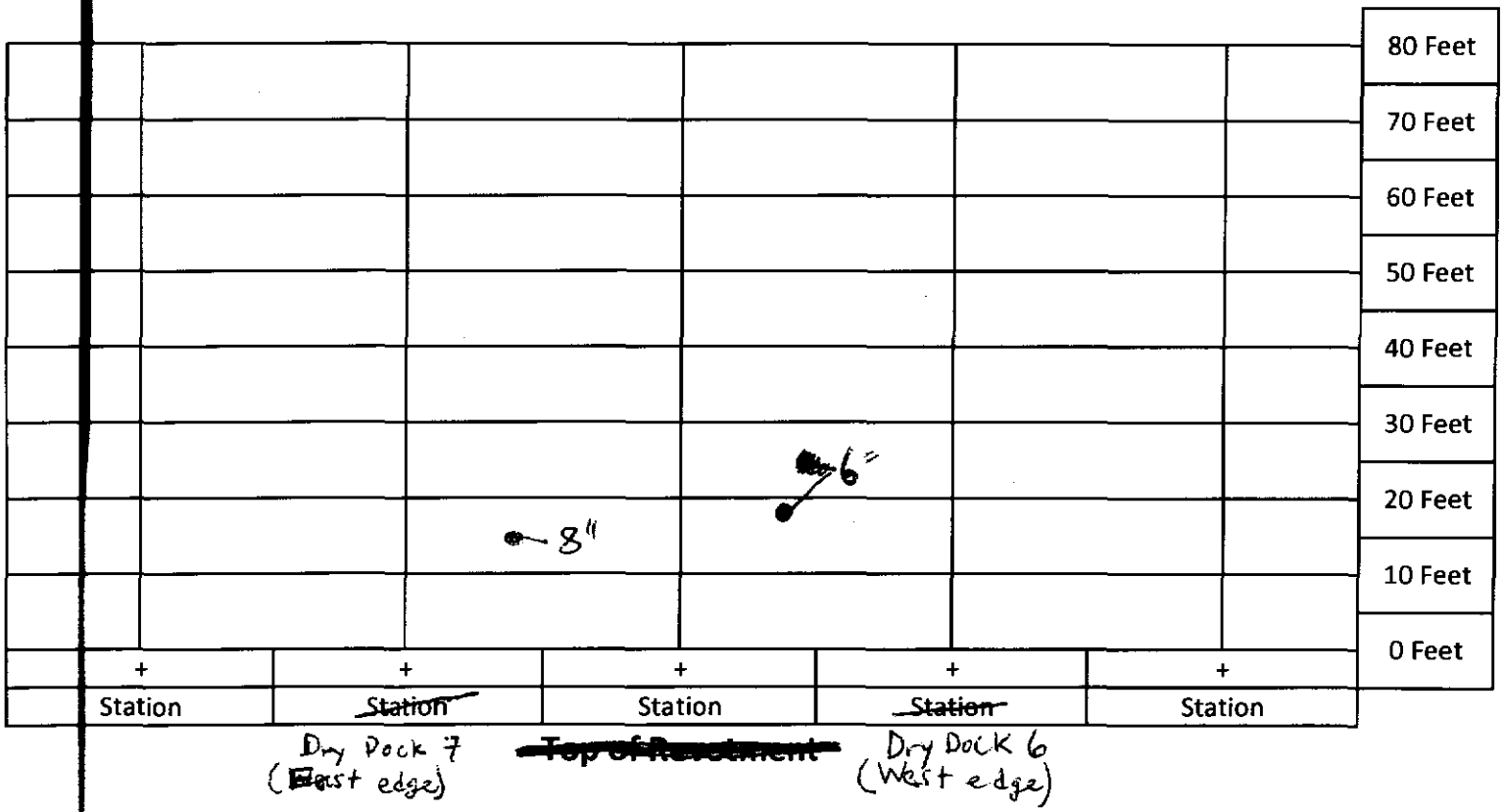
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**			**X**	The drawings do not specify a design grade for the areas between Dry Docks 5 & 6, and between Dry Docks 6 & 7.
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 01/12/13

Filter Rock Thickness Check Locations

Date: 1/12/13
Checked By: SJ



Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	1/12/13	Date	1/12/13
Time	2119	Time	2114
DO (mg/L)	3.11	DO (mg/L)	7.69
pH	7.75	pH	7.66
Turbidity (NTU)	35.5	Turbidity (NTU)	18.0
Temperature (°C)	9.75	Temperature (°C)	10.13

YSI Meter 3-Pt. pH Calibration Table

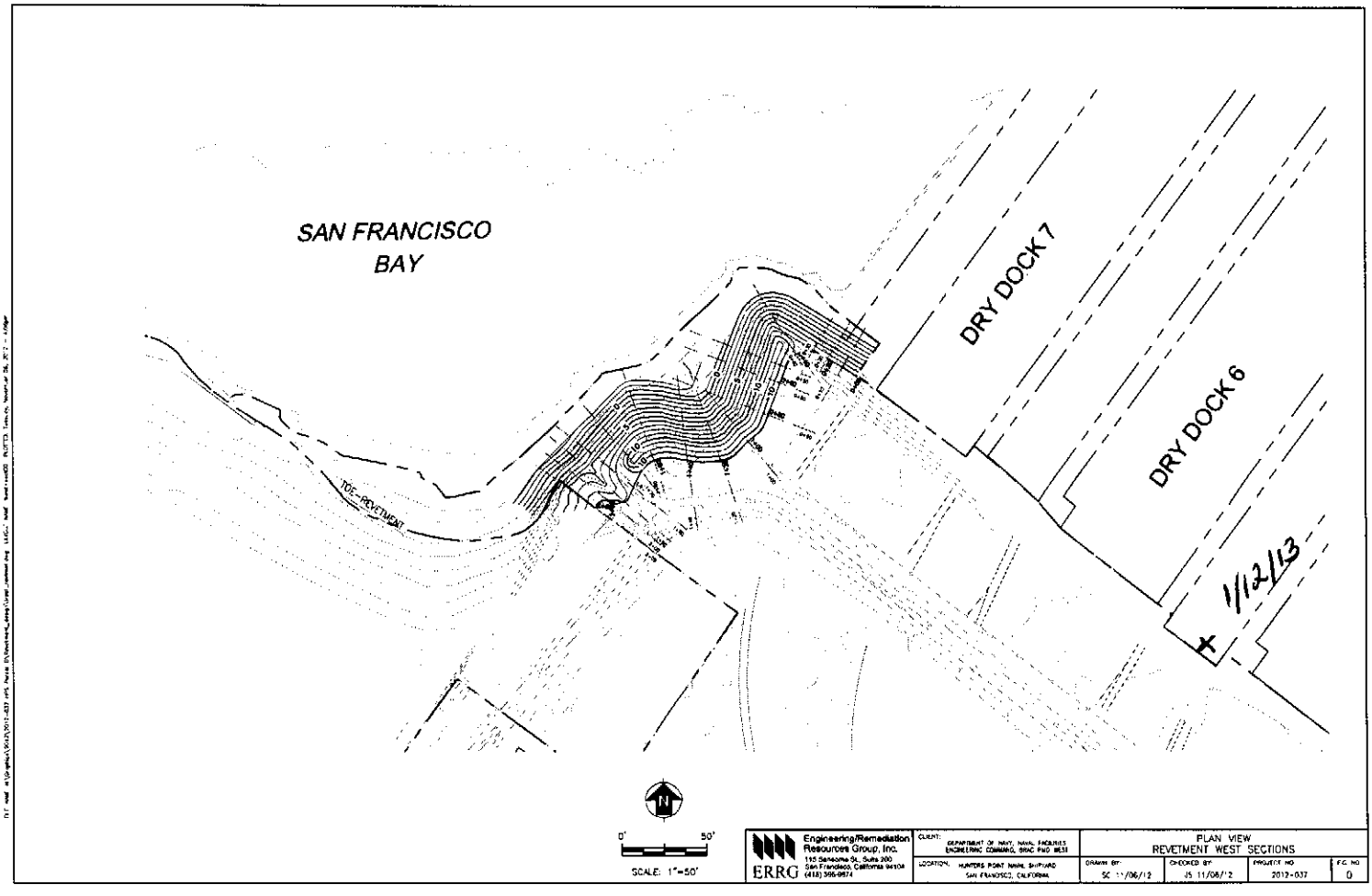
1st pH	4.00
Reading	3.99
2nd pH	7.00
Reading	7.00
3rd pH	10.00
Reading	9.99

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	_____ NTU standard read _____
After Calibration	_____ NTU standard read _____

Signature: [signature]

Date: 1/12/13



Engineering/Remediation Resources Group, Inc.
115 Sansome St, Suite 200
San Francisco, California 94104
(415) 399-9874
ERRG

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFAC PAC WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT WEST SECTIONS

DRAWN BY	CHECKED BY	PROJECT NO	FIG. NO
SC 11/06/12	JS 11/06/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Excavation of shoreline between Dry Dock 6 and Dry Dock7

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Shoreline Excavation and Revetment – Geotextile fabric installed between Dry Dock 6 and Dry Dock 7

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 3: Shoreline Excavation and Revetment – Placement of riprap over filter rock between Dry Dock 6 and Dry Dock 7

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 4: Shoreline Excavation and Revetment – Placement of riprap between Dry Dock 5 and Dry Dock 6

HPNS Parcel B Remedial Action, San Francisco, California

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 13/01/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	041

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	48	39

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction, and	ERRG	1	Superintendent	10
	perform equipment inspections. Move light towers and air monitors back over to	ERRG	1	Construction Manager	0
	the area near the pump house. Begin making cut from pump house outfall	ERRG	1	Project Manager	0
	at station 7+60 to finished revetment at station 8+60 to specified depth, place	ERRG	1	QC Manager	10
	filter fabric with specified overlaps, place 4" filter rock to specified thickness and	ERRG	1	H&S Officer	8
	cap with 1/4 ton rip rap to specified thickness. Second crew working at the tie in	ERRG	2	QC Staff	20
	near dry dock 3, grade out filter rock to specified thickness and cap with 1/4 ton	ERRG	4	Equipment Operators	28
	rip rap to specified thickness. Finish off ~100 ' of revetment.	ERRG	5	Laborers	34
		ERRG	2	Truck Drivers	10

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	120
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	5610.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	5730.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores 01/13/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 13/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 041 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	48	39

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	6

Schedule Activity No.	REMARKS

James Nores 01/13/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/13/13 **TIME** 1630 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS SITE, MUD, NIGHT, NEAR WATER, EQUIPMENT

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

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	
Raul Rodriguez	ERRG	
Fernando Lobo	ERRG	
Chris Hay	ERRG	
Enrique Martinez	ERRG	
Boris Franklin	ERRG	
Brian Kerr	ERRG	
Jim Aguirre	ERRG	
Kris Barker	ERRG	
Steven Stamps	ERRG	
Michael Barker	ERRG	
Spencer Johnson	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2011-147, Hunters Point Naval Shipyard, Parcels [redacted] AHA #: _____

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	1/13/13 @ 1630
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	1/13/13 @ 1630
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	1/13/13 1630
Employee(s):	Tony Green	[signature]	1-13-13 1630
	Paul Rodriguez	[signature]	1-13-13 1630
	Fernando Coza	[signature]	1-13/13 1630
	Chris Hay	[signature]	1-13-13 1630
	ENRIQUE MARTINEZ	[signature]	1-13-13 - 1630
	Boris Portillo	[signature]	1-13-13 4:30pm
	Brian Kerr	[signature]	1-13-13 - 16:30pm
	Jim Aguilar	ERRG	1-13-13 - 1630
	Kimy Barker	ERRG	1-13-13 1630
	Mike Babst	ERRG	1-13-13 1630
	Spencer Johnson	ERRG	1/13/13 1630

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	SUNDAY	Date:	1/13/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOAR, WINDY + COLD	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

EXCAVATING & RUBBLE REMOVAL FROM SHORELINE @ INLET TO PUMP HOUSE.

PLACED FABRIC, FILTER ROCK & RIP RAP FOR SHORELINE REVETMENT.

LIGHT LEVEL LEVEL READING IN THE WORK AREA WAS 6-7 FC

ALL INSPECTIONS COMPLETED, NO ISSUES

PLACING RIP RAP AT NORTH SIDE OF DRY DOCK #3 AND SHORELINE.

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, LOAD LOADER, WATER TRUCK, BULLDOZER, LIGHT TOWER, 2 KUBOTAS

Signed: _____ Date: 1/13/13

ERRG

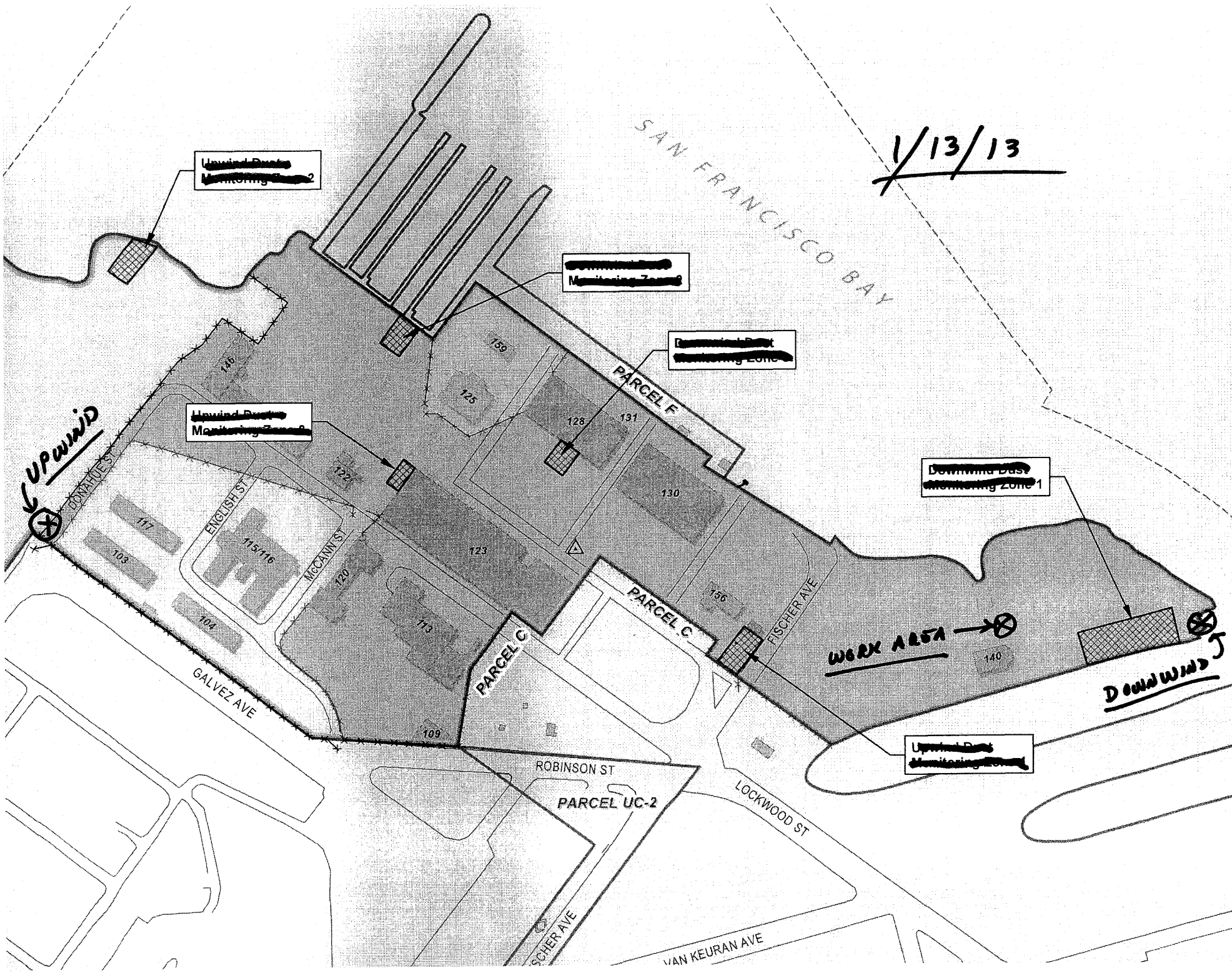
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 1/8/13

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 Gate 2	1/13/13	1646	0.058	0.056	
Meter # 1161		1854	0.009	0.040	
		2116	0.024	0.021	
		2250	0.065	0.029	
WORK AREA PUMP House	1/13/13	1659	0.020	0.019	
Meter # 1008		1858	0.000	0.016	
		2122	0.000	0.004	
		2242	0.013	0.005	
DOWNWIND Dry Dock #3	1/13/13	1703	0.037	0.037	
@ Shipyard # 10973		1900	0.012	0.017	
		2124	0.006	0.012	
		2244	0.015	0.011	


1/13/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
WORK AREA
DOWNWIND
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
156
140
109

Hunte
De

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/01/13
REPORT NO 041

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
02	Excavated shoreline to design subgrade between stations 7+60 and 8+60. Grade checker verified subgrade elevations. Installed geotextile fabric
	on the completed subgrade and placed filter rock over the geotextile fabric to a 6-inch thickness. Verified that the filter rock thickness was
	within the specified tolerances. Placed a 3-foot thick layer of riprap over the filter rock between stations 7+60 and 8+60.
	Graded 6-inch layer of filter rock at station 0+00 along the tie-in of the revetment to the riprap stabilization area at the end of Dry Dock 3 and
	placed a 3-foot thick layer of riprap. Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

01/13/13 — 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

Shoreline Excavation and Revetment

Date: 01/13/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

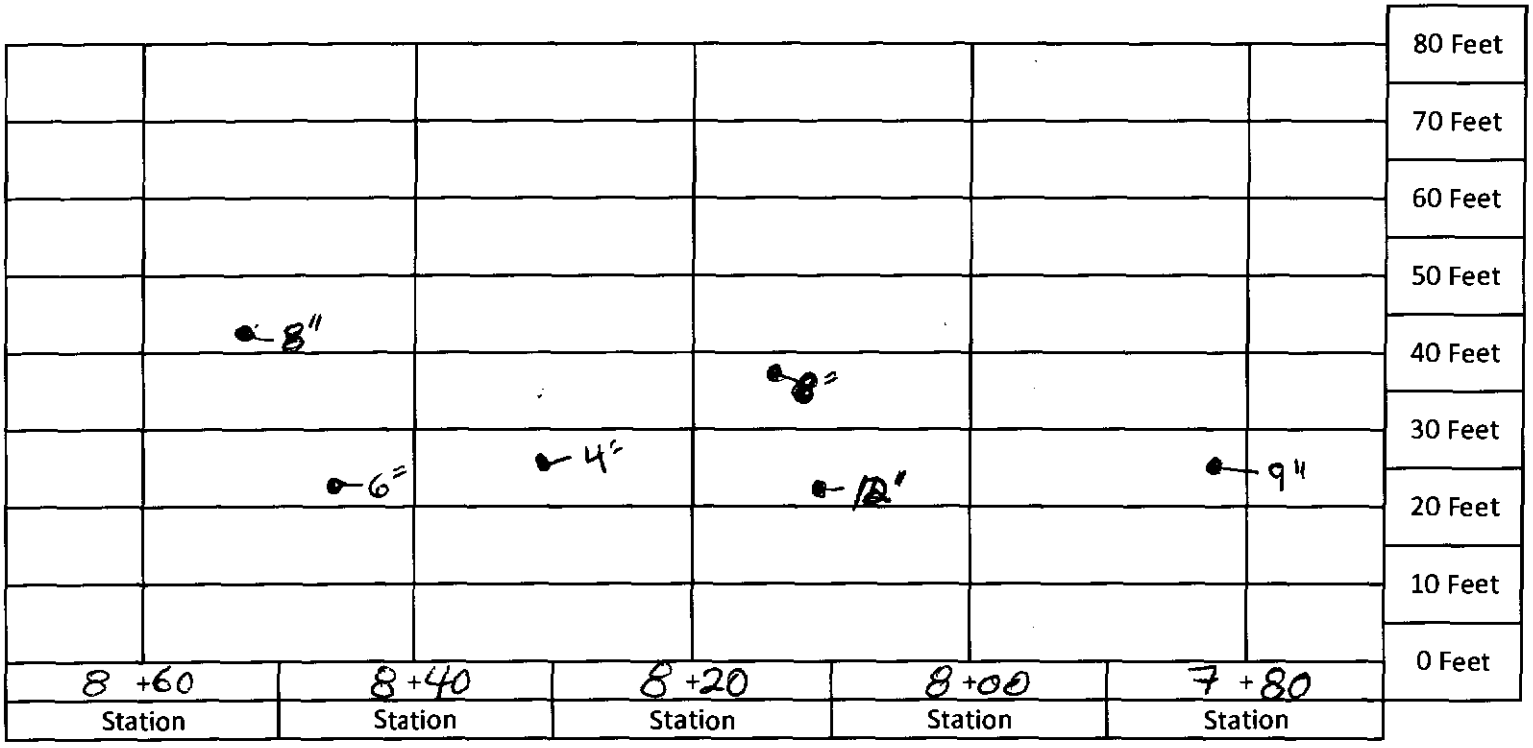
Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 01/13/13

Filter Rock Thickness Check Locations

Date: 1/13/13

Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	1/13/13	Date	1/13/13
Time	2230	Time	2223
DO (mg/L)	9.17	DO (mg/L)	8.34
pH	7.73	pH	7.57
Turbidity (NTU)	~~7.TBK~~ 234	Turbidity (NTU)	26.7
Temperature (°C)	9.19	Temperature (°C)	9.98

YSI Meter 3-Pt. pH Calibration Table

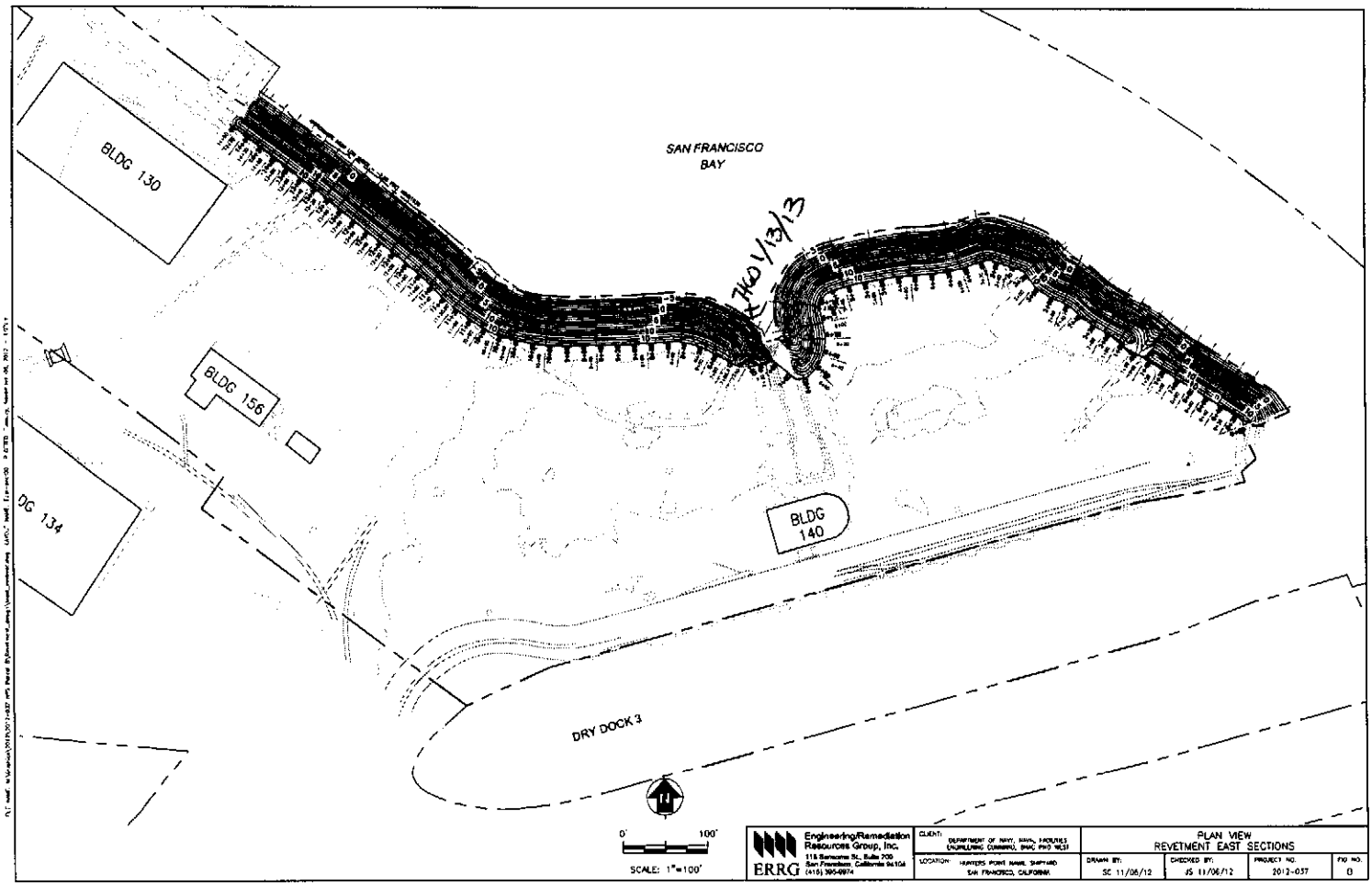
1st pH	4.00
Reading	3.99
2nd pH	7.00
Reading	7.01
3rd pH	10.00
Reading	10.01

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	____ NTU standard read ____
After Calibration	____ NTU standard read ____

Signature: [signature]

Date: 1/13/13



Engineering/Remediation Resources Group, Inc.
ERRG
118 Sansome St., Suite 200
San Francisco, California 94104
(415) 395-0974

CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, EFA WEST

LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG NO.
SC 11/06/12	JS 11/06/12	2012-037	8

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 7+60 and 8+60

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Shoreline Excavation and Revetment – Geotextile fabric installed between stations 7+60 and 8+60

HPNS Parcel B Remedial Action, San Francisco, California

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

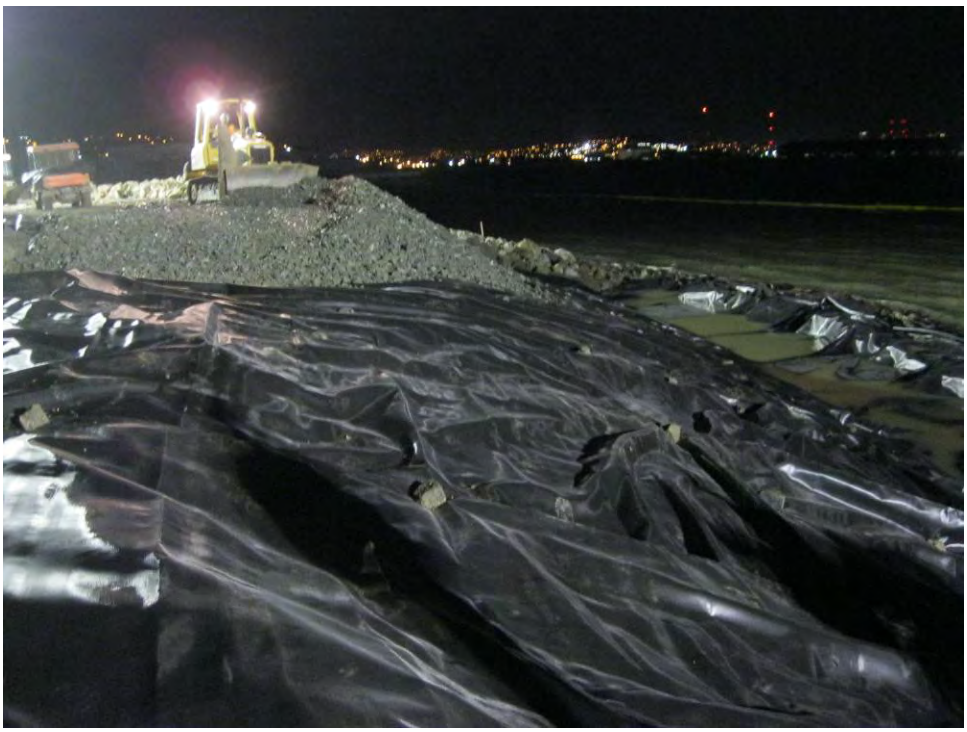


Photo 3: Shoreline Excavation and Revetment – Placement of filter rock between stations 7+60 and 8+60

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 7+60 and 8+60

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 5: Shoreline Excavation and Revetment – Riprap installed in section of revetment between stations 7+60 and 8+60

HPNS Parcel B Remedial Action, San Francisco, California

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	042		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Clear/Cold
MAX TEMP (F)	52	MIN TEMP (F)	39

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction, and	ERRG	1	Superintendent	10
	perform equipment inspections. Move and set up light towers to work on the	ERRG	1	Construction Manager	6
	pump house outfall section station 6+25 to 6+80. Excavate to specified depths	ERRG	1	Project Manager	0
	place filter fabric with specified overlaps, place 4" filter rock to specified	ERRG	1	QC Manager	10
	thickness, cap rip rap to specified thickness. Second crew finish capping the	ERRG	1	H&S Officer	8
	end near dry dock 3 with rip rap and tie in with recycled rip rap. Completed	ERRG	2	QC Staff	20
	55' of revetment tonight.	ERRG	4	Equipment Operators	30
		ERRG	5	Laborers	40
		ERRG	2	Truck Drivers	10

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	134
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	5730.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	5864.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	6
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS
	Fed Police, Lt. Terry Alling stopped by again tonight to ask about timing of our security guards on site tonight, we informed him that we have guard here from 2300 to 0700.

James Nores 01/14/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 14/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 042 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	52	39

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
02	Harris Blade	10 Wheel Dump	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	Rental Solutions	Cat D4 Dozer	2
02	United Rentals	Genie Manlift	0
02	ERRG	Light tower	8
02	United Rentals	3 light towers	24
02	ERRG	JD 200 Excavator	6

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

01/14/13 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/14/13 **TIME** 1700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REMEDIATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, NEAR WATER, NIGHT, EQUIPMENT, ROLLING ROCKS

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

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 Kent	ERRG	[signature]
B. Lunasco	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
Chris Hay	ERRG	[signature]
Boris Pondolle	[illegible]	[signature]
Spencer Johnson	ERRG	[signature]
Mike Sabek	ERRG	[signature]
Spencer Slomingh	ERRG	[signature]
Ted Appel	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 #: 7 Shoreline Remediation

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/14/13 @ 1700
Site Safety and Health Officer:	[redacted] R. EPP		1/14/13 @ 1700
Construction Quality Control Manager:	[redacted] S. SIOMINSKI		1/14/13 1700
Employee(s):	Toney Green		1-14-13 1700
	Raul Rodriguez		1-14-13 1700
	Brian Kerr		1-14-13 1700
	B. Lugasio		1-14-13 1700
	Fernando Loza		1-14-13 1700
	[illegible] MONITOR		1-14-13 1700
	Jim Aguirre		1-14-13 1700
	Chris Hay		1-14-13 1700
	Boris Portillo		1-14-13 1700
	Spencer Johnson		1/14/13 1700
	Mike Bylost		1/14/13 1700

ERRG

DAILY FIELD ACTIVITY LOG

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

Description of Field Activities:

EXCAVATION & RUBBLE REMOVAL AT PUMP HOUSE INLET ON SHORELINE.

PLACING FABRIC, FILTER ROCK & RIPRAP FOR REVETMENT.

PLACING RIPRAP NEAR ENTRANCE TO DRY DOCK #3, BLENDING INTO ABUTMENT.

PLACING RIPRAP IN SECTION BETWEEN SUB PENS.

LOWEST LIGHT LEVEL IN WORK AREAS IS 5.8 Fc. ALL INSPECTIONS COMPLETED.

STOCKPILES INSPECTED, PUMPS IN GOOD CONDITION.

COMPLETED REVETMENT WORK THAT IS INFLUENCED BY TIDAL ACTION, NIGHT WORK COMPLETED.

EQUIPMENT: 2 EXCAVATORS, END LOADER, OFF-ROAD DUMP TRUCK, BULLDOZER, DUMP TRUCK, LIGHT TOWERS, 2 KUBOTAS

Signed: _____ Date: 1/14/13

ERRG

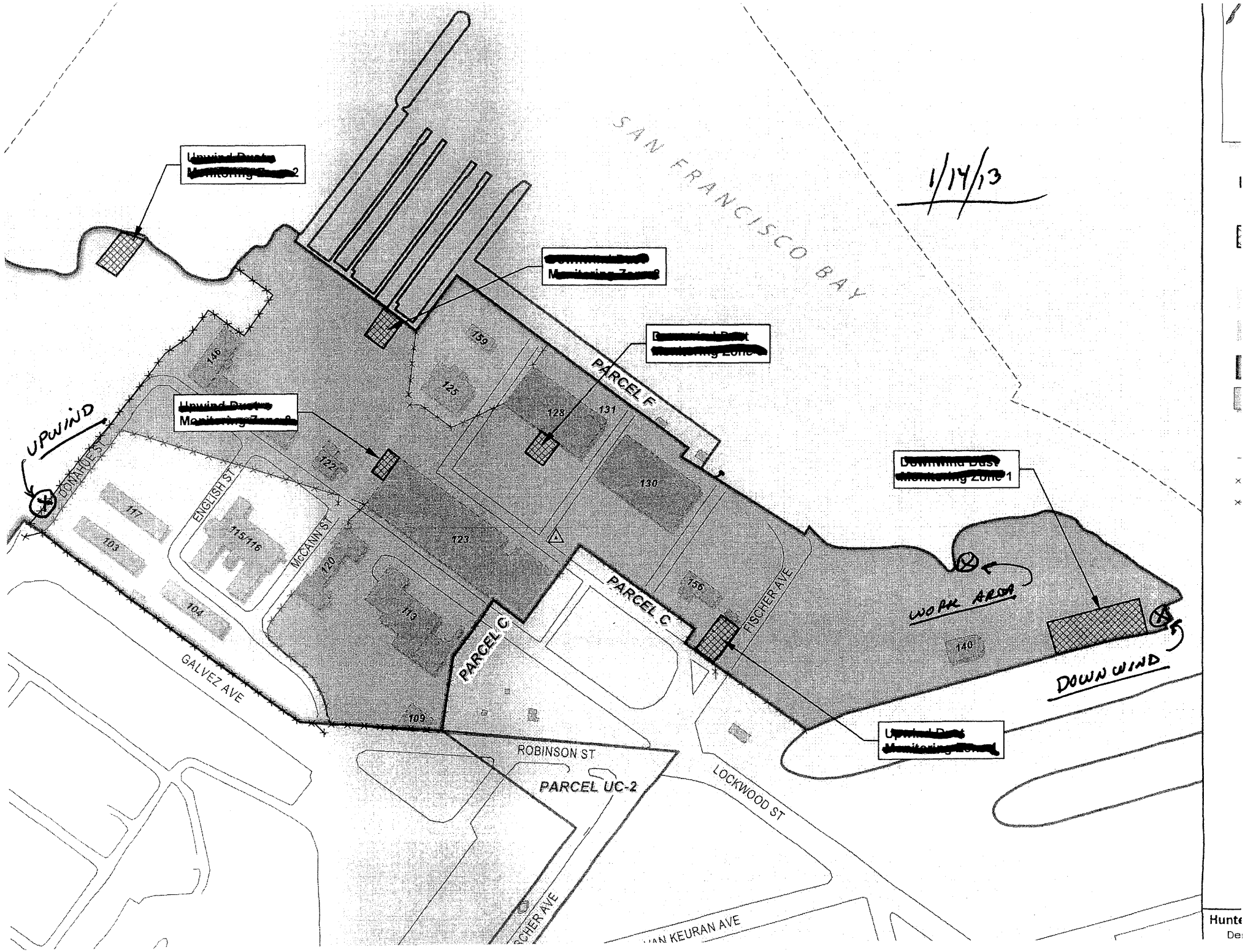
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 1/8/13

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 DOWNHILL GATE MONITOR # 1161	1/14/13	1718	0.096	0.099	
		1810	0.098	0.096	
		1906	0.093	0.076	
		2042	0.077	0.090	
		2132	0.043	0.080	
		2228	0.034	0.065	
		2329	0.014	0.058	
WORK AREA PUMP HSE INLET # 1008	1/14/13	1725	0.031	0.140	
		1814	0.031	0.126	
		1910	0.029	0.035	
		2036	0.020	0.035	
		2135	0.042	0.038	
		2230	0.031	0.039	
		2323	0.044	0.037	
DOWNWIND DRY DOCK 3 @ SHIPYARD # 10973	1/14/13	1727	0.027	0.026	
		1816	0.077	0.088	
		1912	0.240	0.063	SPECK VECTOR TRACKING BACK + FORTH.
		1942	0.030	0.062	
		2038	0.042	0.055	
		2122	0.060	0.052	
		2232	0.027	0.045	
		2321	0.078	0.043	



1/14/13
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
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 14/01/13
REPORT NO 042

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
02	Excavated shoreline to design subgrade between stations 6+25 and 6+80. Grade checker verified subgrade elevations. Installed geotextile fabric
	on the completed subgrade and placed filter rock over the geotextile fabric to a 6-inch thickness. Verified that the filter rock thickness was
	within the specified tolerances. Placed a 3-foot thick layer of riprap over the filter rock between stations 6+25 and 6+80.
	Prepared subgrade between stations 7+60 and 7+40 at tie-in to Building 140 outfall channel, installed geotextile fabric, placed 6-inch layer of
	filter rock, and placed a 3-foot thick layer of riprap over the filter rock.
	Completed placement of 3-foot thick layer of riprap in the stabilzation area between the end of Dry Dock 3 and the revetment at station 0+00.
	Completed placement of 3-foot thick layer of recycled riprap in the stabilization area between Dry Dock 6 and Dry Dock 7.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment checklist.
	Collected bay water quality measurements.

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

01/14/13 — 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

Shoreline Excavation and Revetment

Date: 01/14/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

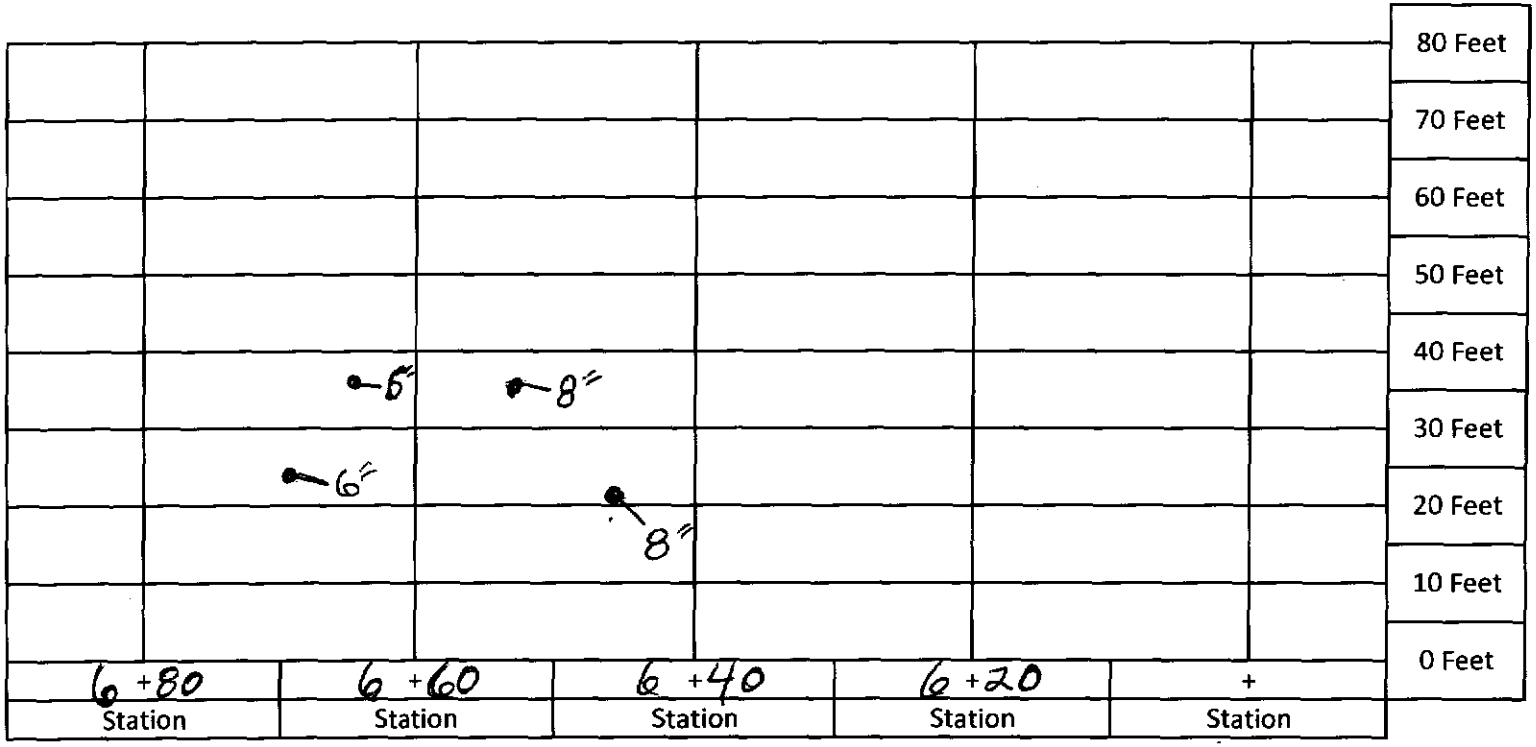
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 01/14/13

Filter Rock Thickness Check Locations

Date: 1/14/13
Checked By: SJ



Top of Revetment

Name: B. Kerr

Hunter's Point Bay Water Quality Sample Login Sheet - Construction Phase

Inside Silt Curtain (see map for location)		Outside Silt Curtain (see map for location)	
Date	1/14/13	Date	1/14/13
Time	1842	Time	1848
DO (mg/L)	10.69	DO (mg/L)	8.16
pH	7.64	pH	7.79
Turbidity (NTU)	230.1	Turbidity (NTU)	53.9
Temperature (°C)	10.13	Temperature (°C)	10.00

YSI Meter 3-Pt. pH Calibration Table

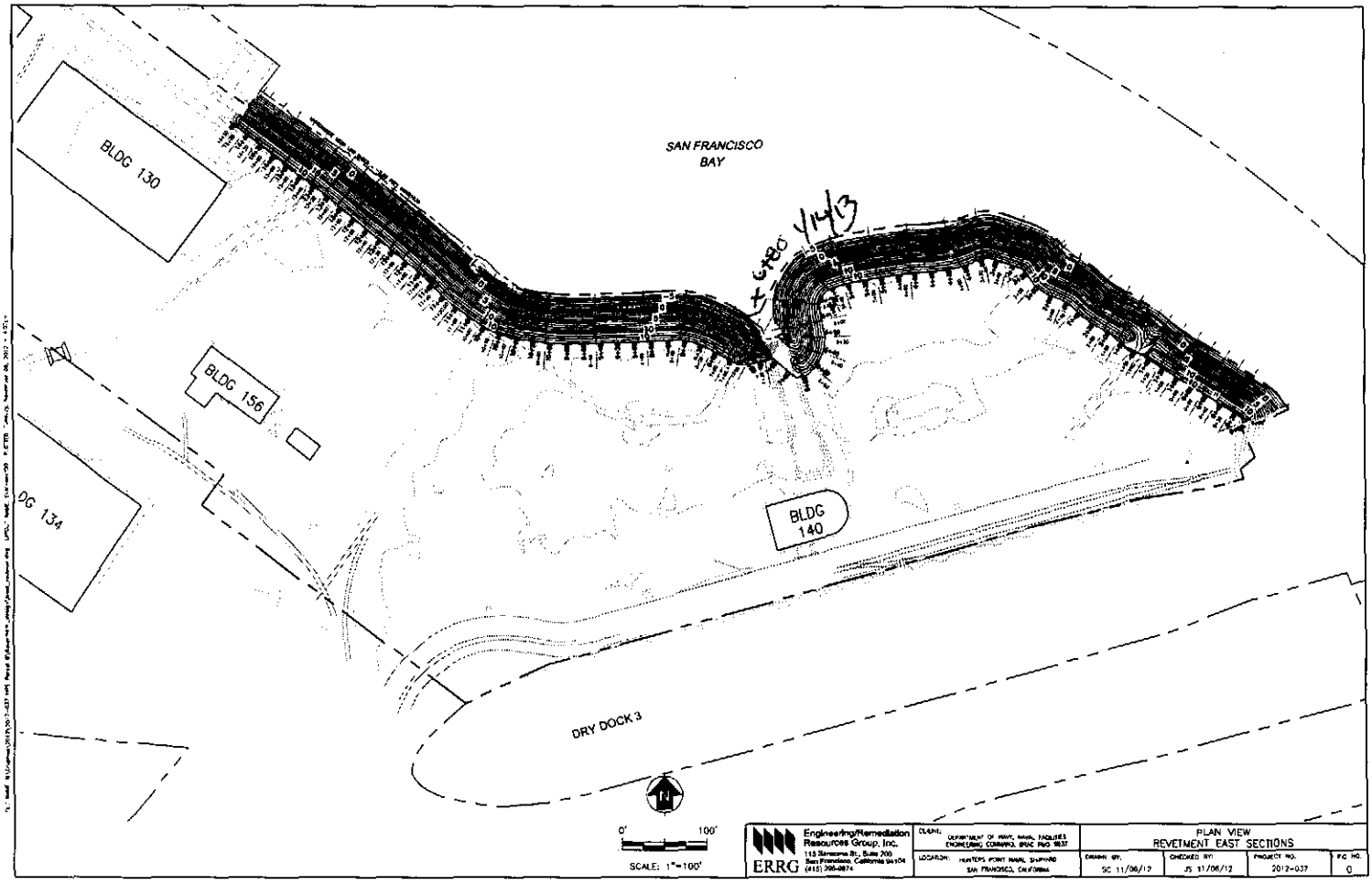
1st pH	4.00
Reading	4.00
2nd pH	7.00
Reading	7.01
3rd pH	10.00
Reading	9.99

Turbidimeter 3-Pt. Calibration Table (20 NTU, 100 NTU, 800 NTU)

Before Calibration	____ NTU standard read ____
After Calibration	____ NTU standard read ____

Signature: B Kerr

Date: 1/14/13



Engineering/Remediation Resources Group, Inc.
ERRG

PLAN VIEW
REVETMENT EAST SECTIONS

DRAWN BY:	CHECKED BY:	PROJECT NO.	FIG. NO.
SC 11/06/12	JS 11/06/12	2012-037	0

Photo 1: Shoreline Excavation and Revetment – Excavation of revetment subgrade between stations 6+25 and 6+80

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Shoreline Excavation and Revetment – Geotextile fabric installed between stations 6+25 and 6+80

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 3: Shoreline Excavation and Revetment – Filter rock placed over the geotextile fabric between stations 6+25 and 6+80

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 4: Shoreline Excavation and Revetment – Placement of riprap between stations 6+25 and 6+80

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 5: Shoreline Excavation and Revetment – Placement of riprap in the stabilization area between the end of Dry Dock 3 and the revetment at station 0+00

HPNS Parcel B Remedial Action, San Francisco, California

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 16/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 043

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	52	39

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction, and	ERRG	1	Superintendent	10
	perform equipment inspections. Dispatch crew to work on building top of	ERRG	1	Construction Manager	0
	revetment, finished up approximately 960 feet. Second crew working on	ERRG	1	Project Manager	0
	cleaning up equipment scheduled for demobilization- light towers, dozer, 10	ERRG	1	QC Manager	10
	wheel dump and performing maintenance on equipment. Assist tenant in bldg	ERRG	1	H&S Officer	8
	117 unit #3105D move a tree and some pieces of metal to bldg 101 for storage.	ERRG	2	QC Staff	20
		ERRG	4	Equipment Operators	30
		ERRG	6	Laborers	36
		ERRG	2	Truck Drivers	10

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	5864.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	5988.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☒ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores 01/16/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	16/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	043 cont.		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Clear/Cold
MAX TEMP (F)	52	MIN TEMP (F)	39

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
02	ERRG	Light tower	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	ERRG	JD 200 Excavator	8
02	United Rentals	Genie Manlift	0

Schedule Activity No.	REMARKS

James Nores 01/16/13

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 1/16/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, EQUIPMENT, ROLLING ROCKS

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
Craig Bailey	ERRG	
Chris O'Hay	ERRG	
Fernando Loza	ERRG	
Brian Kerr	ERRG	
Eugene Martinez	ERRG	
Spencer Johnson	ERRG	
Boris Portilla	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 #: 7 Saturday Rainout

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/16/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		1/16/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		1/16/13 0700
Employee(s):	Irving Barlow		1-16-13 - 0700
	Jim Hamilton		1-16-13 0700
	Chris Hay		1-16-13 0700
	Fernando Loza		1-16-13 0700
	Brian Kerr		1-16-13 0700
	B. Lucero		1-16-13 0700
	Enrique Martinez		1-16-13 - 0700
	Raul Rodriguez		1-16-13 0700
	Mike Bubsy		1-16-13 0700
	Boris Perez	Boris Perez	1-16-13 7:00AM
	Spencer Johnson		1/16/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	1/16/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY, SUNNY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

PLACING RIPRAP CAP AT BASE OF SLOPE OF REVETMENT.

CLEANING EQUIPMENT FOR DEMOBILIZATION.

ASSISTING ARTIST WITH MOVING THEIR STUFF.

EQUIPMENT: 2 EXCAVATORS, SKID LOADER, OFF ROAD DUMP TRUCK, WATER TRUCK
2 KUBOTAS

Signed: Richard Epp Date: 1/16/13

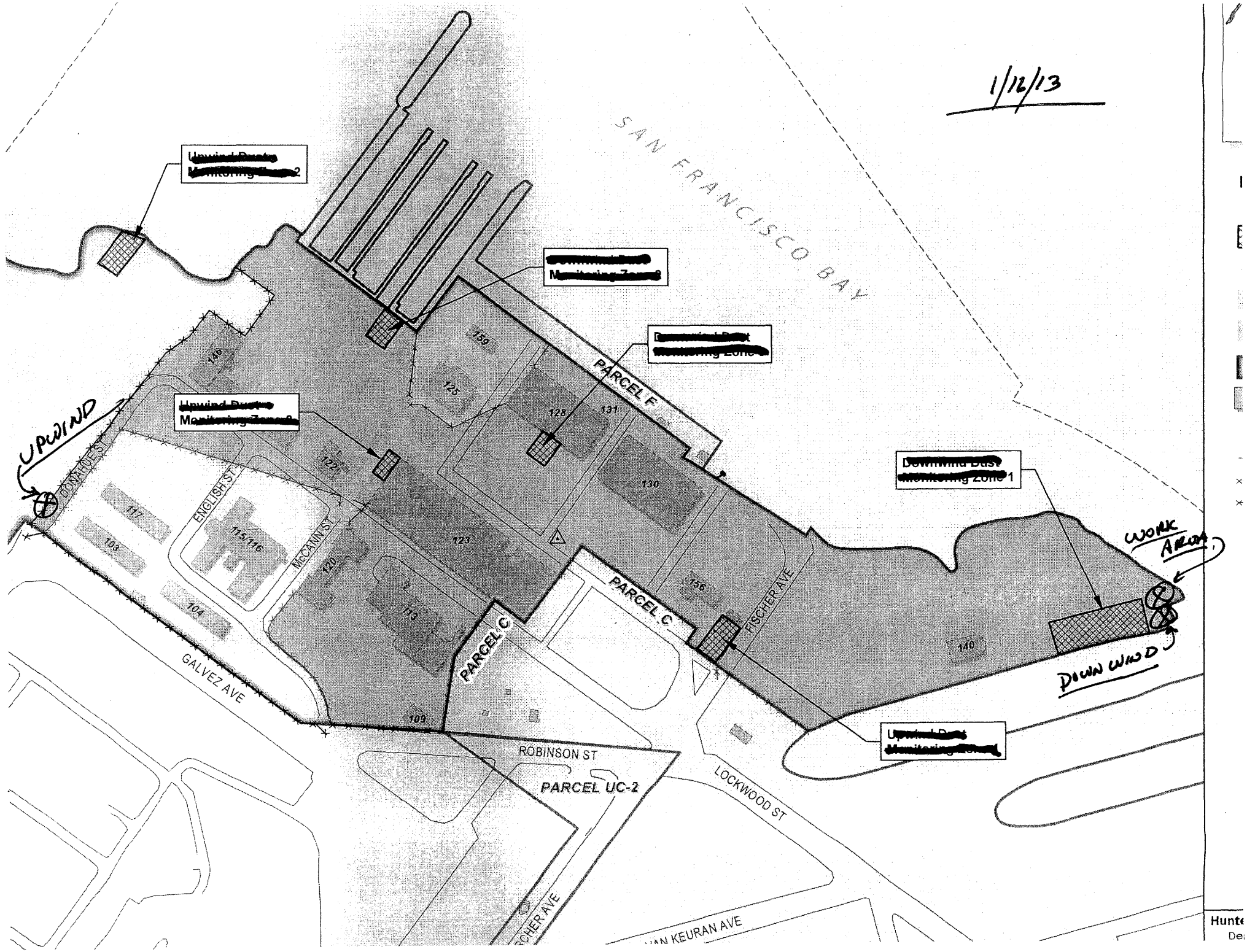
ERRG

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):	1/16/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue + Galvez, # 1161	1/16/13	0743	0.031	0.035	
		0850	0.027	0.022	
		0952	0.034	0.022	
		1051	0.031	0.024	
		1146	0.028	0.025	
		1305	0.029	0.027	
		1447	0.033	0.028	
WORK AREA Shoreline Motor # 1008	1/16/13	0751	0.028	0.030	
		0855	0.030	0.021	
		0945	0.013	0.017	
		1056	0.013	0.016	
		1157	0.015	0.016	
		1310	0.018	0.016	
		1454	0.017	0.017	
DOWNWIND Dry Dock #3 @ Shoreline #10973	1/16/13	0754	0.037	0.040	
		0857	0.021	0.035	
		0947	0.028	0.032	
		1055	0.035	0.030	
		1150	0.033	0.031	
		1309	0.035	0.032	
		1453	0.045	0.037	


1/12/13
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
VAN KEURAN AVE
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
WORK AREA
DOWN WIND
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 16/01/13

REPORT NO 043

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
02	Placed 3-foot thick layer of riprap along the crest of the revetment between stations 0+00 and 6+80, and between 8+20 and 10+60 on top of the
	previously constructed filter layer at the top of the revetment. Cleaned and demobilized equipment from the site. Helped Building 117 tenant
	move belongings from exterior of building.
	Verified that the construction activities complied with the Shoreline Excavation and Revetment 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

01/16/13 — 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

Shoreline Excavation and Revetment

Date: 01/16/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			Grading for the revetment crest was completed during construction of the sloped portion of the revetment.
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			Geotextile was previously installed during construction of the sloped portion of the revetment.
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			Filter rock was previously installed during construction of the sloped portion of the revetment.
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 01/16/13

Photo 1: Shoreline Excavation and Revetment – Filter rock and geotextile layer at the top of the revetment (installed during construction of the sloped portion of the revetment)
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 16, 2013

Photo 2: Shoreline Excavation and Revetment – Placement of riprap at the crest of the revetment west of station 1+00
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 16, 2013

Photo 3: Shoreline Excavation and Revetment – Riprap installed along the crest of the revetment

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 16, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 17/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 044

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	57	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02	Conduct tailgate safety meeting, review AHA for revetment construction, and	ERRG	1	Superintendent	10
	perform equipment inspections. Dispatch crew to work on building top of	ERRG	1	Construction Manager	0
	revetment, finished up approximately 380 feet. Second crew working on the	ERRG	1	Project Manager	6
	interior cleaning and clearing building 123 in preparation for keel block moving	ERRG	1	QC Manager	10
	and storage.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
	Weekly QC meeting today with Peter Stroganoff ROICC and ERRG QC staff.	ERRG	4	Equipment Operators	30
	Discussed work progress, 2 week look ahead and held the preparatory phase	ERRG	6	Laborers	40
	meeting for Building Slab and Building Access Securement DFOW.	ERRG	2	Truck Drivers	10

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	134
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	5988.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	6122.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
02	Tailgate safety briefing, AHA review for revetment construction, 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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	2
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS
	ERRG PM and foreman met with tenant of building 125 to discuss logistics and removing personal items from around the building.

James Nores — CONTRACTOR/SUPERINTENDENT

01/17/13 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 17/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 044 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	57	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
02	ERRG	Light tower	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	ERRG	JD 200 Excavator	8
02	United Rentals	Genie Manlift	0

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

01/17/13 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/17/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SHORELINE REVETMENT, BLDG FDN. RESTORATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS CT+F, STILL MUDDY AREAS, EQUIPMENT, ROLLING ROCKS

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]
King Bailey	ERRG	[signature]
Chris Hay	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Jim Wynley	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Fernando Loza	ERRG	[signature]
B. Lunasia	ERRG	[signature]
S. Slomnick	ERRG	[signature]
Eric Q. E. MARTINEZ	ERRG	[signature]
[illegible]	[illegible]	[signature]
Mike Babst	ERRG	[signature]
J. Carrol	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
J. APPM	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 7 Shoreline Renovation

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	1/17/13 @0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	1/17/13 @0700
Construction Quality Control Manager:	[redacted] S. Slominski	[signature]	1/17/13 0700
Employee(s):	Tony Green	[signature]	1-17-13 700
	King Bailey	[signature]	1-17-13 0700
	Chris Hay	[signature]	1-17-13 0700
	Brian Kerr	[signature]	1-17-13 0700
	Jim Aguilar	[signature]	1-17-13 0700
	Fernando Lora	[signature]	1-17-13 0700
	Paul Rodriguez	[signature]	1-17-13 0700
	B. Lunasco	[signature]	1-17-13 0700
	Enrique Martinez	[signature]	1-17-13 0700
	[illegible]	[signature]	1-12-13 0700
	Mike Babst	[signature]	1-17-13 0700
	Eric Corrick	[signature]	1/17 0700
	Spencer Johnson	[signature]	1/17/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	1/17/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY, SUNNY	Page:	1 of 1
Site Visitors:	[redacted] PETER STRELKOFF		

Description of Field Activities:

PLACING RIP RAP TO MAKE REVETMENT CAPS.

BEGAN CLEANING OUT BUILDINGS. INSPECTING, REMOVING VEGETATION, CLEANING FLOORS, PUMPING WATER AS NECESSARY.

DEMOBILIZED ADDITIONAL EQUIPMENT.

EQUIPMENT: 2 EXCAVATORS, OFF ROAD DUMP TRUCK, END LOADER, SKIP LOADER, WATER TRUCK, FORK LIFT, 2 KUBOTAS

Signed: [signature] Date: 1/17/13

ERRG

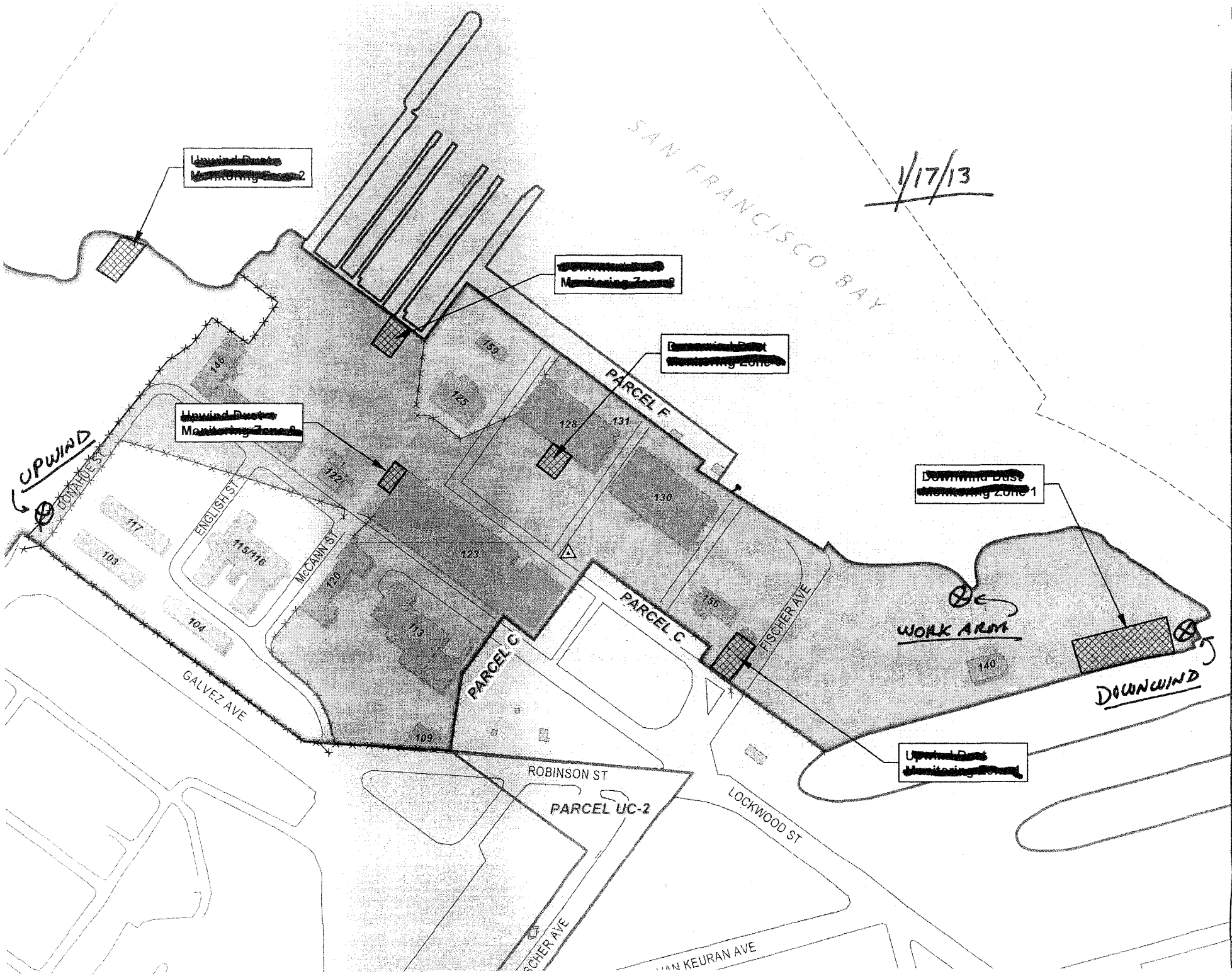
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 1/16/13

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 @ GALVEZ, MON# 1161	1/17/13	0722	0.000	0.000	
		0816	0.004	0.000	
		0925	0.021	0.004	
		1102	0.028	0.015	
		1203	0.049	0.018	
		1535	0.033	0.022	
WORK AREA PUMP HOUSE MLOT, MON# 1008	1/17/13	0728	0.010	0.013	
		0828	0.003	0.001	
		0929	0.004	0.001	
		1107	0.015	0.005	
		1206	0.014	0.007	
		1538	0.012	0.009	
DOWNWIND DAY DOCK #3 @ SHORELINE #10973	1/17/13	0731	0.035	0.044	
		0830	0.043	0.035	
		0931	0.022	0.035	
		1108	0.037	0.036	
		1208	0.060	0.038	
		1539	—	0.036	



1/17/13
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
156
104
113
140
109

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT D4 **Identification Number:** _____

Project Number / Name: HPNS4 SF **Rental** ☑ **ERRG** ☐

Inspected By / Date:	12-12-12 JW	12-13-12 JW	12-14-12 JW	12-14-12 JW	12-15-12 JW	
Daily Hours:	~~2543.1~~	2547.5	~~3254.9~~ JW	2549.1	2549.8	
	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: CAT D-4 DOZER **Identification Number:** CAT00D4GCHYD01846

Project Number / Name: NPNS4 SF **Rental** ☑ **ERRG** ☐

Inspected By / Date:	1-8-13 JC			1-9-13 JC			1-10-13 JC			1-11-13 JC			1-12-13 JC			
Daily Hours:	2566.9			2568.1			2571.2			2575.4			2576.3			
	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: CAT D4 Dozer **Identification Number:** CAT00D4GCHYD01846

Project Number / Name: HPW54SF **Rental** ☑ **ERRG** ☐

Inspected By / Date:	1-13-13 JR	1-14-13 JR										**Defect(s):**
Daily Hours:	~~2553.3~~ 2553.3	2554.6										
	Yes No N/A	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 D5 DOZER~~ John Deere 644 Loader **Identification Number:** _____

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

Inspected By / Date:	12-10-12 ~~11-16-12~~			12-12-12			12-13-12			12-14-12			12-15-12			[redacted]
Daily Hours:	~~5491.8~~ 3740.1			374[redacted]			3747.2			3754.9			3762.0			
[redacted]	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	☑	☐	☑	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Cutting Edge
Tracks	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	bent - out of
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	commission 12-10-12
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Cutting edge bent 12-13-12
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	cutting edge good 12-15-12
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: Added 1/2 ga oil

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: John Deere 644 Loader2 **Identification Number:** _____

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

Inspected By / Date:	1-12-13 JC	1-13-13 JC	1-13-13 JC	1-14-13 JC	1-16-13 JC
Daily Hours:	3851.1	3855.6	3856.5	3862.5	3869.7

	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	☑	☐	☐	☒	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Broke Hydro Line 1-13
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: Fixed Hydro Line 1-14

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: John Deere 644 Loader **Identification Number:** _____

Project Number / Name: HPW54 SF **Rental** ☐ **ERRG** ☑

Inspected By / Date:	1-17-13 JC			1-18-13 CH										
Daily Hours:	3876.5			3882.9										
	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?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
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: 330 CAT Excavator **Identification Number:** _____

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

Inspected By / Date:	BP 1-12			BP 1-13			BP 1-14			BP 1-15			BP 1-16			
Daily Hours:	2029			2031			2045			2046			2052			
	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: Crack Windshield Damage step

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 330 Cat Excavator **Identification Number:** _____

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

Inspected By / Date:	BP 1-17			BP 1-18												**Defect(s):**
Daily Hours:	2059			2065												
	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?	☐	☒	☐	☐	☒	☒ BP	☐	☐	☐	☐	☐	☐	☐	☐	☐	
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: Windshield crack
Damage step

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: JD 200 EXCAVATOR **Identification Number:** _____

Project Number / Name: Hilby **Rental** ☐ **ERRG** ☒

Inspected By / Date:	BL. 1-16-13															
Daily Hours:	4505.0															
	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?	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	HYD. LEAK ON COOLER
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: White H2O truck **Identification Number:** 7V03957

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

Inspected By / Date:	12/7 Mon RR			12/8 Tues PR			12/9 Wed AR			12/10 Thur AR			12/11 Fri AR			
Daily Hours:	3777.0			3784.0			3786.9			3789.0			3790.6			
	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	☑	☐	☐	☑	☐	☐	☐	☐	☑	☑	☐	☑	☑	☐	☑	Both back ¼ Panel damage
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	front bumper damage, steps damaged
Steps and handgrips	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	Back Water tank Badly Damaged
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	need to be changed
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: I Let Tonny know about hose

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Water Truck **Identification Number:** 8U94768

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

Inspected By / Date:	11/14/13 JH			11/16/13			11/17/13			1-18-13						
Daily Hours:	~~378.4~~			378,9			385.2 JH			388,0 KT						
	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	☑	☐	☑	☑	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	fuel pump leaks
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: Man Lift **Identification Number:** United 744946

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

Inspected By / Date:	12-16-12															**Defect(s):**
Daily Hours:																
	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: KUBOTA **Identification Number:** JW 11078

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

Inspected By / Date:	RJG 1/9/13			RJG 1/10/13			RJG 1/11/13			RJG 1/12/13			RJG 1/13/13			
Daily Hours:	953.8			956.6			959.1			960.8			961.7			
	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: KUBOTA **Identification Number:** TW11078

Project Number / Name: HPNS PARCEL B **Rental** ☐ **ERRG** ☑

Inspected By / Date:	RJE 1/14/13			[illegible] 1/16/13			[illegible] 1/17/13			RJE 1/18/13						
Daily Hours:	964.8			967.7			970.1			972.1						
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
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: HAUL TRUCK **Identification Number:** M15397

Project Number / Name: HPNS **Rental** ☒ **ERRG** ☐

Inspected By / Date:	FL 12-14-12	12-15-12 TB									**Defect(s):**
Daily Hours:	3068.0	3075.2									
	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	☑ ☐ ☐	☑ ☐ ☐	☐ ☐ ☐	☐ ☐ ☐	☐ ☐ ☐						

Explain corrective actions taken: TAIL LIGHTS NOT WORKING

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 (G) HAUL TRUCK **Identification Number:** M15397

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

Inspected By / Date:	TC 1-12-13	TC 1-13-13	1-14-13	--13	1-16-13	1-17-13
Daily Hours:	3181.3	3188.3	3196.0	32030	3209.8	3216

	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?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	TAIL LIGHTS NOT WORKING REVERSE LIGHTS NOT WORKING
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken:

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 17/01/13

REPORT NO 044

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 #
03	Building Foundation Inspection and Restoration	

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	Placed 3-foot thick layer of riprap along the crest of the revetment between stations 10+60 and 12+40 in IR-26, and between 0+00 and 2+09
	in IR-23, on top of the previously constructed filter layer at the top of the revetment. Placed riprap along the west side of the Building 140
	outfall channel. Verified that the construction activities complied with the Shoreline Excavation and Revetment 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	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff), ERRG QCM (Spencer Slominski), ERRG Superintendent
	(James Nores), 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

01/17/13 — 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

PREPARATORY PHASE CHECKLIST

(CONTINUED ON SECOND PAGE)

SPEC SECTION	DATE
03 30 00; 32 31 26	17/01/2013

CONTRACT NO	DEFINABLE FEATURE OF WORK	SCHEDULE ACT NO.	INDEX #
N62473-09-D-2608	DFOW #3 Building Foundation Inspection and Restoration	DFOW #3	

PERSONNEL PRESENT

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

NAME	POSITION	COMPANY/GOVERNMENT
James Nores	Superintendent	ERRG
Spencer Slominski	QC Manager	ERRG
Spencer Johnson	QC Specialist	ERRG
Michael Babst	QC Specialist	ERRG
Peter Stroganoff	ROICC	Navy

SUBMITTALS

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

IF NO, WHAT ITEMS HAVE NOT BEEN SUBMITTED? SD-08, Manufacturer's Instructions: Cementitious Patching Mortar (item has been submitted to ROICC for review).

ARE ALL MATERIALS ON HAND? YES ☐ NO ☒

IF NO, WHAT ITEMS ARE MISSING? Concrete, admixtures, galvanized wire mesh, and cementitious patching mortar will be delivered to the site as needed.

Concrete will not be delivered until ready for placement.

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

COMMENTS: Materials will be inspected as they are delivered.

MATERIAL STORAGE

ARE MATERIALS STORED PROPERLY? YES ☒ NO ☐

IF NO, WHAT ACTION IS TAKEN?

SPECIFICATIONS

REVIEW EACH PARAGRAPH OF SPECIFICATIONS. 03 30 00 Concrete;

32 31 26 Security

DISCUSS PROCEDURE FOR ACCOMPLISHING THE WORK. Debris and loose material inside the buildings will be moved to allow inspection of the foundations. The buildings will be inspected for cracks, openings, and exposed soil in the foundations, and access to crawl space and building openings. The condition of the foundation and openings in each building will be documented with checklists and photographs. Any foundation cracks wider than 1/4-inch, large foundation openings, or holes will be repaired with a durable cover per the specifications. Openings to the crawl space, and windows and doors will be secured with plywood sheeting or wire mesh. All repairs will be documented with checklists and photographs.

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. No tests are specifically required in 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 AHA for building foundation restoration.

MEETING COMMENTS

NAVY/ROICC COMMENTS DURING MEETING.

OTHER ITEMS OR REMARKS

OTHER ITEMS OR REMARKS:

Spencer Slominski — QC MANAGER

01/17/13 — DATE

Shoreline Excavation and Revetment

Date: 01/17/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for filter geotextile been approved prior to delivery to the site?	**Prep**	**X**			
Has the crushed stone pad method been approved prior to delivery of the riprap, stone, or filter stone?	**Prep**	**X**			
Has the geotextile been checked for defects, rips, holes, flaws, deterioration or damage incurred during manufacture, transportation or storage prior to installation?	**Initial**	**X**			
Have subsequent layers of the stockpile been started 10 feet from the edge of the previous layer so that the rock will not roll down the edges of the previous layers.	**Initial**	**X**			
Have the filter rock and riprap materials been verified against their approved submittals?	**Initial**	**X**			
Have areas that are below the allowable minus tolerance limit brought to grade by fill with earth similar to the adjacent material or with sand fill and then compacted to a density equal to the adjacent in place material?	**Follow up**	**X**			Grading for the revetment crest was completed during construction of the sloped portion of the revetment.
Have subaqueous areas on which filter materials and riprap are to be placed graded and/or dressed to conform to cross sections shown on the contract drawings within an allowable tolerance of the specified slope line and grades?	**Follow up**	**X**			
Have surfaces on which the geotextile will be placed been prepared to a relatively smooth surface condition free from obstruction, debris, depressions, erosion feature, or vegetation?	**Follow up**	**X**			Geotextile was previously installed during construction of the sloped portion of the revetment.
Have loose, soft, or low density pockets of material been removed; erosion features such as rills, gullies etc. been graded out of the surface before geotextile placement?	**Follow up**	**X**			
Are tolerances of the slope lines and grades of the prepared base as shown on the contract drawings?	**Follow up**	**X**			
Has the geotextile been protected from damage prior to and during the placement of riprap or other materials?	**Follow up**	**X**			
Has the geotextile been protected at all times during construction from contamination by surface runoff?	**Follow up**	**X**			
Has any geotextile damaged during its installation or during placement of bedding materials or riprap been replaced?	**Follow up**	**X**			
Has the geotextile been placed with the long dimension perpendicular to the shoreline and lay smooth and free of tension, stress, folds, wrinkles, or creases?	**Follow up**	**X**			
Has the geotextile fabric been placed to provide a minimum width of 24 inches of overlap for each joint of the geotextile?	**Follow up**	**X**			
Has the geotextile been covered with a layer of the filter rock within 7 calendar days after placement of the geotextile?	**Follow up**	**X**			
Have terminal ends of the geotextile been anchored in as shown on the design drawings?	**Follow up**	**X**			
Has equipment been prevented from tracking across the unprotected geotextile?	**Follow up**	**X**			
Has the geotextile been placed on the prepared base in accordance with the details shown on the contract Drawings, and within the limits either shown on the contract drawings or staked in the field?	**Follow up**	**X**			

Requirement	Phase	Yes	No	N/A	Comments
Has drop heights of the filter rock and riprap been minimized to meet the project specification?	**Follow up**	**X**			
Is the filter stone and riprap clean and reasonably free from soil, quarry fines, and contains no refuse?	**Follow up**	**X**			
Upon completion of the work, have the storage areas been cleaned of all storage residues and returned to their natural condition?	**Follow up**			**X**	
Has any foreign material adhering to or combined with the filter stone or riprap as a result of stockpiling been removed prior to placement?	**Follow up**	**X**			
Has filter material been spread uniformly on the geotextile to the slope lines and grades as indicated on the contract drawings and in such manner as to avoid damage to the geotextile?	**Follow up**	**X**			Filter rock was previously installed during construction of the sloped portion of the revetment.
Has placement of the riprap begun at the bottom of the area to be covered and continued up slope?	**Follow up**	**X**			
Have loads of the filter rock and riprap been placed against previously placed material in such a manner as to ensure a relatively homogenous mass?	**Follow up**	**X**			
Has riprap been placed in such manner as to produce a well graded mass of rock with the minimum practicable percentage of voids?	**Follow up**	**X**			
Has equipment been restricted from operating directly on the completed stone protection system?	**Follow up**	**X**			
Except for spalls for wedging, is stone roughly rectangular in shape of which the least dimension is not less than one-third the length?	**Follow up**	**X**			
Have spaces between the larger stones been filled with spalls and smaller stones of the largest feasible size to form a compact mass?	**Follow up**	**X**			
Has the finished riprap been checked for objectionable pockets of small stones and clusters of larger stones?	**Follow up**	**X**			
Have checks been made as the work progresses to verify lines, grades and thicknesses established for completed work?	**Follow up**	**X**			
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					
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 01/17/13

Building Foundation Inspection and Restoration

Date: 01/17/13
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**		Transmittal 22 was submitted on 1/14/13, awaiting ROICC approval
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**				
Are concrete aggregates stored in a manner to prevent contamination or segregation (03 30 00 Concrete, Sec 1.4)?	**Follow up**				
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**				
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**				
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**				
Are cracks greater than ¾-inch sawn and dugout to remove loose material and patched with concrte according to Paragraph 3.8 CONCRETE PATCHING (03 30 00 Concrete, Sec 1.5)?	**Follow up**				
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**				
Is ready-mixed concrete in accordance with ASTM C 94 (03 30 00 Concrete, Sec 2.1.2)?	**Follow up**				
Is non-shrinking grout in accordance with ASTM C 1107 (03 30 00 Concrete, Sec 2.2)?	**Follow up**				
Is cement in accordance with ASTM C 150, Type I (03 30 00 Concrete, Sec 2.3.1)?	**Follow up**				
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**				
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**				
Are admixtures provided only when approved (03 30 00 Concrete, Sec 2.3.4)?	**Follow up**				

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**				
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**				
Is surface predampened prior to concrete placement (03 30 00 Concrete, Sec 3.1)?	**Follow up**				
Is care being taken to not place concrete on frozen surfaces (03 30 00 Concrete, Sec 3.1)?	**Follow up**				
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**				
Is all dirt, construction debris, water, snow, and ice removed from within forms (03 30 00 Concrete, Sec 3.3)?	**Follow up**				
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**				
Are joints constructed to divide the surface into rectangular areas (03 30 00 Concrete, Sec 3.6)?	**Follow up**				
Are transverse contraction joints spaced at 10 feet (03 30 00 Concrete, Sec 3.6)?	**Follow up**				
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**				
Are expansion joints formed with 3/8 inch joint filler strips (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**				
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**				
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**				
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**				
Are joint openings thoroughly cleaned before the sealing material was placed (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**				
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**				
Is excess material on exposed surfaces of the concrete immediately removed and cleaned (03 30 00 Concrete, Sec 3.6.1)?	**Follow up**				
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**				
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**				
Before concrete patching, is all unsound concrete removed from the area (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**				
Are bond inhibitors such as oils, paints, and staining substances removed (03 30 00 Concrete, Sec 3.8.1)?	**Follow up**				
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**				

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**				
Is mortar prepared using mechanical or manual methods in accordance with manufacturer guidance (03 30 00 Concrete, Sec 3.8.2)?	**Follow up**				
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**				
Is the substrate saturated surface dry at the time of application (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**				
Are ambient temperatures during application below 45 degrees F unless acceptable by the manufacturer (03 30 00 Concrete, Sec 3.8.3)?	**Follow up**				
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**				
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					

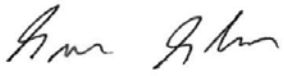
QC Manager: Spencer Slominski 	Date: 01/17/13

Photo 1: Shoreline Excavation and Revetment –Placement of riprap at the crest of the revetment in IR-23

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 17, 2013

Photo 2: Shoreline Excavation and Revetment – Revetment crest at the drainage channel located at station 1+90 in IR-23

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 17, 2013

Photo 3: Shoreline Excavation and Revetment – Placement of riprap along the Building 140 outfall channel

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 17, 2013

Photo 3: Shoreline Excavation and Revetment – Completed section of revetment in IR-23

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 17, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	18/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	045		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Clear/Cold
MAX TEMP (F)	57	MIN TEMP (F)	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
02, 03	Conduct tailgate safety meeting, review AHA for foundation restoration, and	ERRG	1	Superintendent	10
	perform equipment inspections. Dispatch crews to continue cleaning/clearing	ERRG	1	Construction Manager	0
	back room of b123. Second crew working on rehabilitating the entrance to	ERRG	1	Project Manager	0
	Parcel B roadway and the roadway by the artist buildings- smoothing out rills	ERRG	1	QC Manager	10
	and filling/regrading pot holes. Third crew working on site clean-up, stockpile	ERRG	1	H&S Officer	8
	consolidation and BMP placement.	ERRG	1	QC Staff	10
		ERRG	4	Equipment Operators	28
03	QC staff perform initial inspection and photo documentation of the transformer	ERRG	6	Laborers	42
	room in B123.	ERRG	2	Truck Drivers	10

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	118
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	6122.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	6240.5

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☑ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for building foundation restoration, 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
02		1000' of straw wattle for stockpile BMP's

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
02	ERRG	70KW Generators (2 ea)	24
02	Harris Blade	Cat 330 Excavator	8
02	ERRG	JD 644 Loader	8
02	ERRG	JLG Skytrak 8K reach forklift	4
02	ERRG	Ford 2000 gallon water truck	8
02	Harris Blade	Top Gun Street Sweeper	0
02	ERRG	2ea Kubota off road vehicles	16
02	ERRG	Freightliner 2000 gallon water truck	8

Schedule Activity No.	REMARKS

James Nores 01/18/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 18/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 045 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	57	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	
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
02	ERRG	Light tower	0
02	Harris Blade	Cat 735 Haul Truck	8
02	ERRG	JD 310 Backhoe	0
02	ERRG	JD 200 Excavator	4
02	United Rentals	Genie Manlift	0
02	ERRG	JD 210 skip loader	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

01/18/13 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/18/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BUILDING FOUNDATION RESTORATION, KEEL BLOCKS, STUCKPILES & BMP'S

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST&F, RODENTS, HIDDEN TRIP & FALLING OBJECTS, HOLES

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
Tony Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Paul [illegible]	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Chris Hay	ERRG	[signature]
King Bailey	ERRG	[signature]
B. [illegible]	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
[illegible]	[illegible]	[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 Rotation

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/18/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		1/18/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		1/18/13 0700
Employee(s):	Torey Green		1-18-13 0700
	Raul Rodriguez		1-18-13 0700
	Brian Kerr		1-18-13 0700
	Fernando Loza		1-18-13 0700
	[illegible]		1-18-13 0700
	Chris Hall		1-18-13 0700
	Kirby Bailey		1-18-13 0700
	B. [illegible]		1-18-13 0700
	Jim [illegible]		1-18-13 0700
	Spencer Johnson		1/18/13 0700
	[illegible]		1/18/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	1/18/13
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:

CLEANING BLDG. FOR INSPECTION OF FLOOR CONDITION.

MOVING KOOR BLOCKS.

GRADING SITE, REMOVING MUD FROM WET WEATHER OPERATIONS, REDOING ACCESS ROAD.

STRAIGHTENING SPOIL PILES, CHECKING, ADDING AND REPLACING BMP. AS NECESSARY.

DECON OF EQUIPMENT.

EQUIPMENT: 2 EXCAVATORS, OFF ROAD DUMP TRUCK, END LOADER, SKIP LOADER, WATER TRUCK, 2 KUBOTAS, FORKLIFT.

Signed: Richard Epp Date: 1/18/13

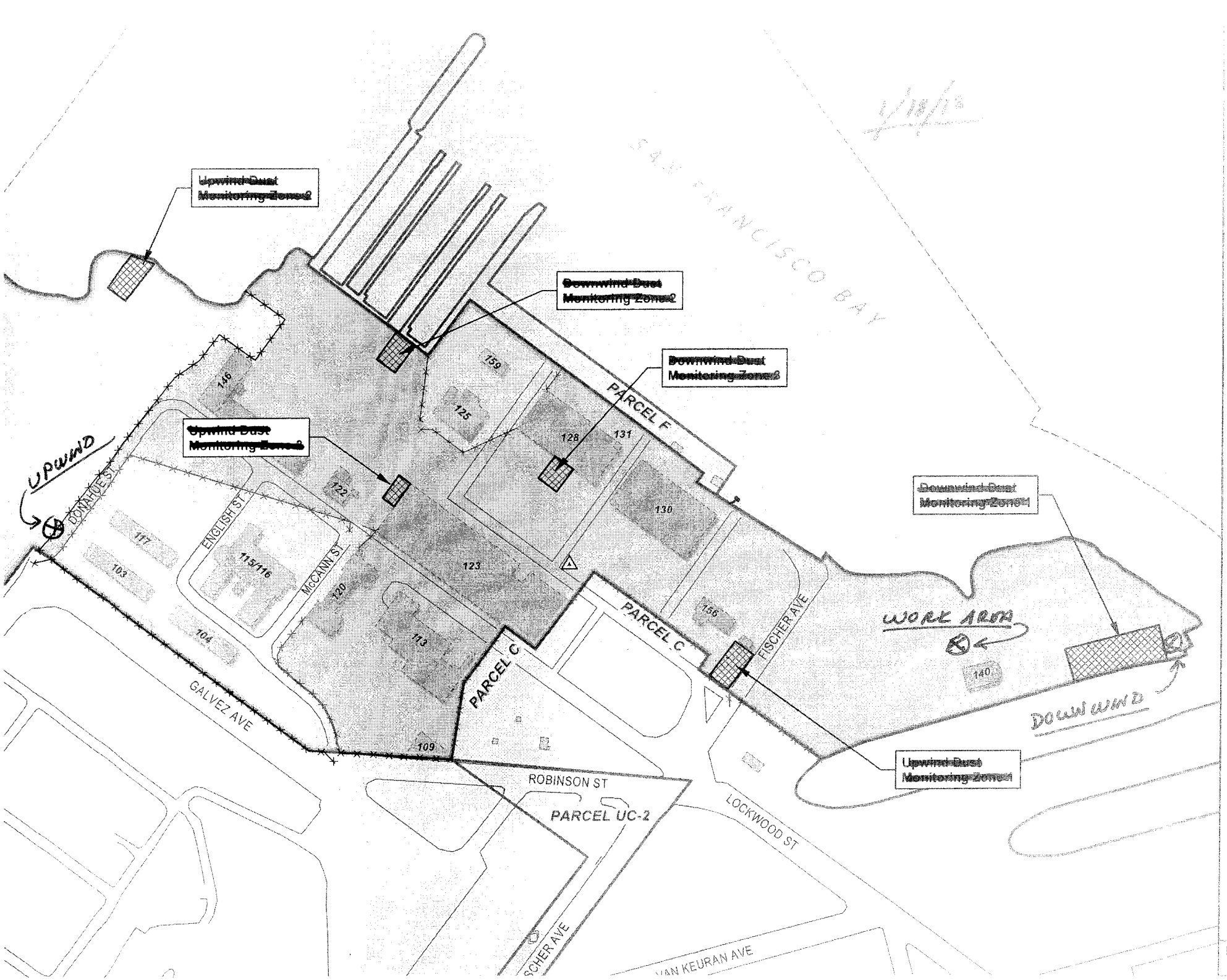
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	1/16/13 (#10973-1/18/13)	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DONAHUE & GALVEZ STS #1161	1/18/13	0720	0.009	0.008	
		0821	0.014	0.001	
		0923	0.020	0.012	
		1035	0.051	0.018	
		1251	0.037	0.025	
		1417	0.030	0.026	
WORK AREA PUMP HOUSE INLET, MOTOR #1008	1/18/13	0725	0.023	0.024	
		0824	0.025	0.008	
		0926	0.001	0.004	
		1038	0.027	0.007	
		1255	0.029	0.016	
		1413	0.024	0.018	
DOWNWIND DRY DOCK #3 @ SHORELINE #10973	1/18/13	0727	0.027	0.026	RECALIBRATED - READING ERRATIC @ END OF SHIFT 1/19/13.
		0826	0.017	0.022	
		0929	0.017	0.018	
		1040	0.029	0.019	
		1257	0.026	0.021	
		1410	0.017	0.021	


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

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 18/01/13
REPORT NO 045

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
02	Performed clean-up of equipment and areas of the site used during revetment construction. Consolidated the stockpiles of waste materials
	excavated from the shoreline; placed straw wattle around the perimeter of waste soil stockpiles. Graded the site access roads.
03	Cleaned the floor slab of the transformer room located at the northeast corner of Building 123. Inspected the foundation of the
	transformer room in Building 123, documented existing conditions, and marked the areas of the foundation requiring repair.
	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

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

01/18/13 — 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

Building Foundation Inspection and Restoration

Date: 01/18/13
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**		Transmittal 22 was submitted on 1/14/13, awaiting ROICC approval
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 concrte 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: 01/18/13

Photo 1: Shoreline Excavation and Revetment –Straw wattle placed around perimeter of waste soil stockpile

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 18, 2013

Photo 2: Building Foundation Inspection and Restoration – Cleaning the concrete floor slab in the transformer room within Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 18, 2013

Photo 3: Building Foundation Inspection and Restoration – Typical holes in the floor slab of Building 123 transformer room that were noted during foundation inspection

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 18, 2013

Photo 4: Building Foundation Inspection and Restoration – Interior of the Building 123 transformer room

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 18, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 21/01/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	046

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Clear/Cold	62	44

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors, and perform	ERRG	1	Superintendent	10
	equipment inspections. Dispatch crews to continue with crack repair and filling	ERRG	1	Construction Manager	0
	floor penetrations with grout in the transformer room of building 123.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	10
01	Remainder of crew working on cleaning up equipment no longer needed for	ERRG	1	Equipment Operators	4
	revetment work and preparing for demobilization.	ERRG	7	Laborers	52

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	94
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	6240.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	6334.5

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, 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	8
03	ERRG	JLG Skytrak 8K reach forklift	4
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
03	ERRG	JD 200CLC Excavator	2

Schedule Activity No.	REMARKS

James Nores 01/21/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/21/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BLDG. INSPECTION & REPAIRS AS NECESSARY, STORING KEEL BLOCKS

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, EQUIPMENT, RODENTS & DROPPINGS, LIFTING, DETERIORATED FLOORS

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	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Boris [illegible]	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Kay Bailey	ERRG	[signature]
B. Lundstrom	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Ty Appel	ERRG	[signature]
Spencer Slomash	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		1/21/13 0700
Site Safety and Health Officer:	[redacted] R. EAP		1/21/13 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		1/21/13 0700
Employee(s):	Tonay Green		1-21-13 0700
	Raul Rodriguez		1-21-13 0700
	Brian Kerr		1-21-13 0700
	[redacted]		1-21-13 0700
	[redacted]		1-21-13 0700
	Fernando Loza		1-22-13 0700
	[redacted]		1-21-13 0700
	B. [redacted]		1-21-13 0700
	Spencer Johnson		1/21/13 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: 1 of 1
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue St. Motor # 1161	1/21/13	0758	0.010	0.011	
		0921	0.018	0.014	
		1058	0.025	0.022	
		1302	0.033	0.025	
		1440	0.037	0.027	
WORK AREA Bldg 123 Motor # 1008	1/21/13	0807	0.000	0.002	
		0928	0.017	0.009	
		1101	0.003	0.008	
		1255	0.010	0.006	
		1501	0.017	0.009	
DOWNWIND Dry Dock #3 @ Shoreline #1073	1/21/13	0723	0.022	0.030	
		0928	0.017	0.005	
		1052	0.015	0.006	
		1335	0.014	0.006	
		1454	0.030	0.008	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	1/21/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY & SUNNY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

FLOOR REPAIRS IN BLDG. 123.

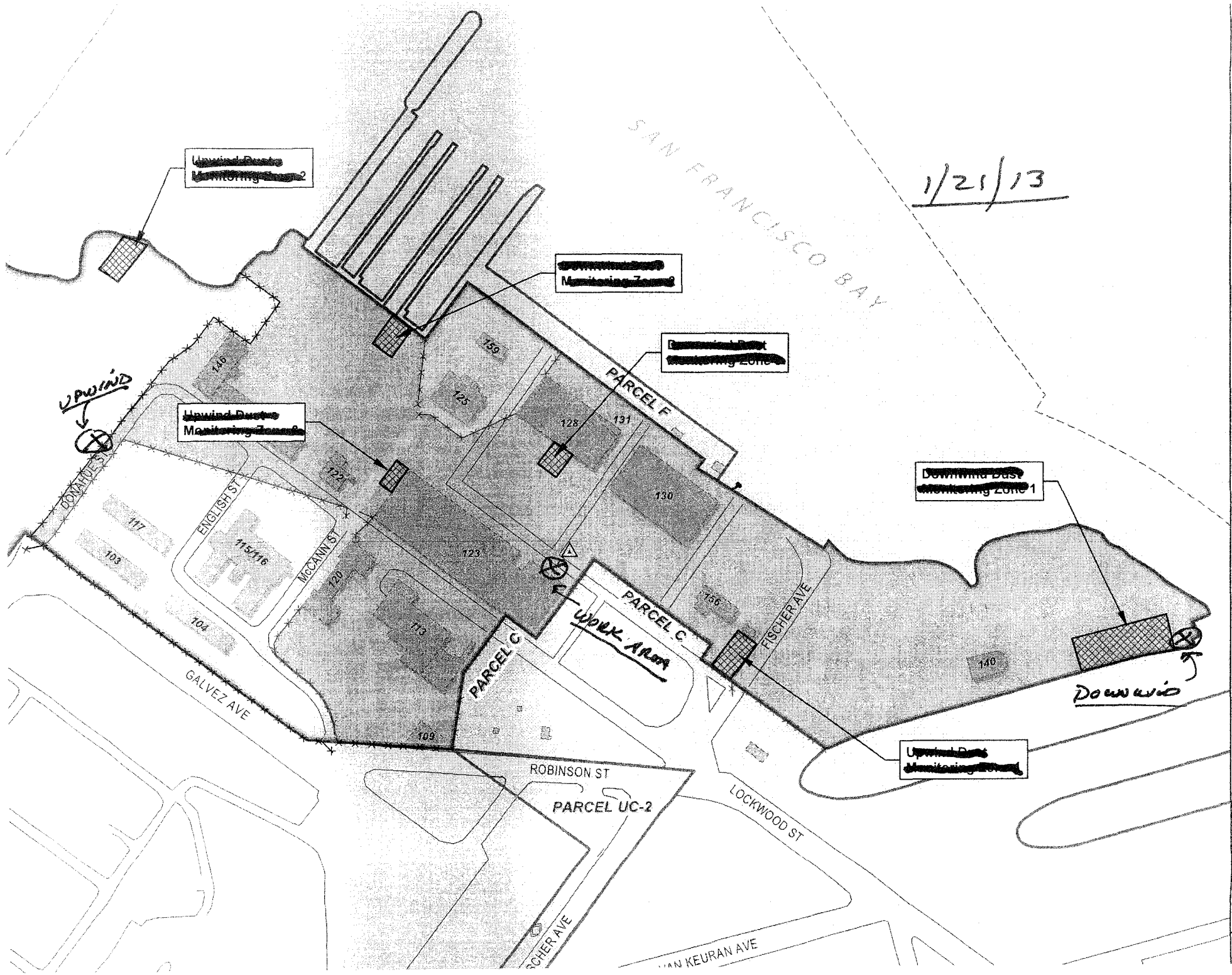
DOCAN EQUIPMENT

EQUIPMENT REPAIRS.

EQUIPMENT – 2 WATER TRUCKS

Signed: _____ Date: 1/21/13

ERRG



1/21/13
SAN FRANCISCO BAY
[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
146
125
128
131
122
130
117
115/116
103
120
123
104
113
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 21/01/13
REPORT NO 046

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	Decontaminated equipment that was used for revetment work; prepared for equipment demobilization.
03	Cleaned the floor slab of the Building 123 transformer room and pressure-washed the cracks in the slab. Applied cement grout to patch cracks
	wider than 1/4-inch in the floor slab of the transformer room. Patched conduit penetrations and small holes in the slab with cement grout.
	Inspected and documented all completed foundation repairs. 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

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

01/21/13 — 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

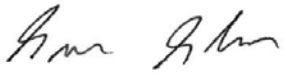
Building Foundation Inspection and Restoration

Date: 01/21/13
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**		Transmittal 22 was submitted on 1/14/13, awaiting ROICC approval
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 concrte 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**				
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: 01/21/13

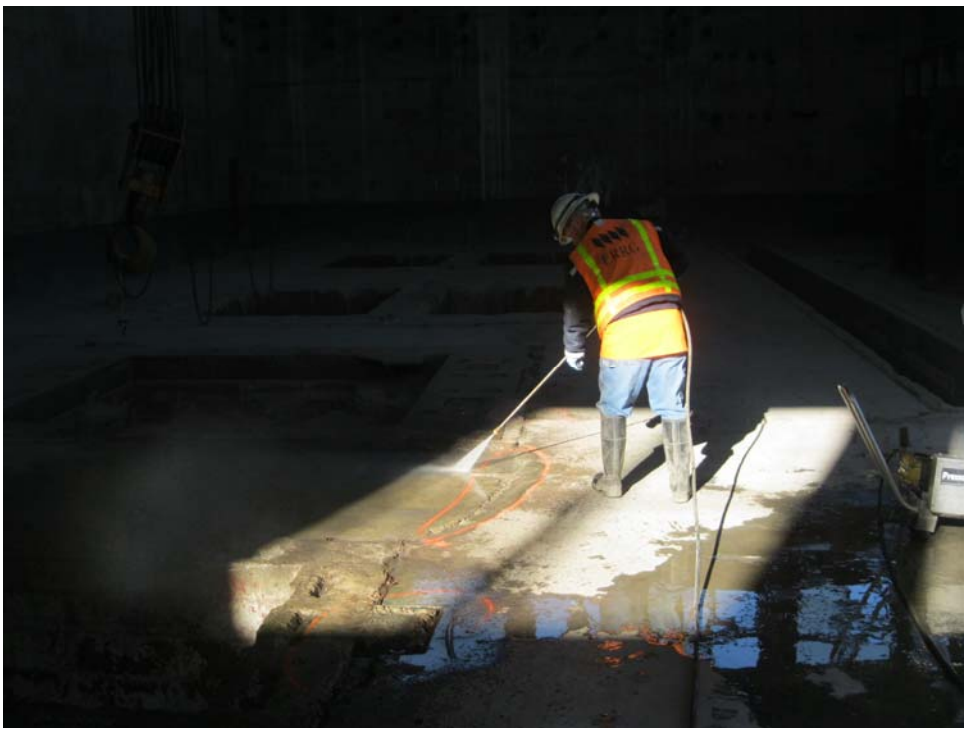


Photo 1: Building Foundation Inspection and Restoration – Washing debris from cracks in the floor slab of the Building 123 transformer room

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Building Foundation Inspection and Restoration – Placing cement grout to patch the cracks in the floor slab of the transformer room

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 3: Building Foundation Inspection and Restoration – Completed repair of an approximately ½-inch wide crack in the floor slab of the transformer room
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 21, 2013

Photo 4: Building Foundation Inspection and Restoration – Conduit penetrations in the transformer room sealed with cement grout
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 21, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	047		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cold	PM WEATHER	Cloudy/Cold
MAX TEMP (F)	61	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors, and perform	ERRG	1	Superintendent	10
	equipment inspections. Dispatch crews to finish with crack repair and filling	ERRG	1	Construction Manager	0
	floor penetrations with grout in the transformer room of building 123. Move to	ERRG	1	Project Manager	0
	building 156- rubber shop, clear building of debris, clean floor and begin	ERRG	1	QC Manager	10
	patching floor penetrations.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Remainder of crew continue working on cleaning up equipment for demob and	ERRG	2	Equipment Operators	12
	placing keel blocks in the transformer room of building 123.	ERRG	8	Laborers	44

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	6334.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	6438.5

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 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	0
03	ERRG	JLG Skytrak 8K reach forklift	4
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
03	ERRG	JD 200CLC Excavator	8

Schedule Activity No.	REMARKS

James Nores 01/22/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/22/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK INSPECT + REPAIR BLDG. FLOORS, MOVE & STORE KEEL BLOCKS IN BLDGS, TREE REMOVAL.

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, EQUIPMENT, FLOOR CONDITION, RODENTS, PPE

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
Tommy Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
King Bailey	ERRG	[signature]
Mike Babst	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Boni Portillo	ERRG	[signature]
TJ Arm	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 #: 3 Clearing + Grubbing 9 BLDG. FDN. RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	1/22/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	1/22/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Slominski	[signature]	1/22/13 0700
Employee(s):	Tony Green	[signature]	1-22-13 0700
	Brian Kerr	[signature]	1-22-13 0700
	Paul Rodriguez	[signature]	1-22-13 0700
	B. Iniasco	[signature]	1-22-13 0700
	King Bailey	[signature]	1-22-13 0700
	Mike Babst	[signature]	1-22-13 0700
	Fernando Loza	[signature]	1-22-13 0700
	Emilio Martinez	[signature]	1-22-13 - 0700
	Spencer Johnson	[signature]	1/22/13 0700
	Boris Pavlik	[signature]	1/22/13 0700

ERRG

ERRG 2012-037

VISITORS LOG

NAME PRINTED	DATE	COMPANY	SIGNATURE
[illegible]	11/14/12	ERRG	[illegible]
PETER LOVERIDGE		ERRG	[illegible]
ALAN MOELLER [illegible]		ERRG	[illegible]
EMILY JACKSON		ERRG	[illegible]
Christine Wang		ERRG	[illegible]
Claire Walker		ERRG	[illegible]
PETER STROGANOFF	15 Nov 12	ROICC	[illegible]
ROSS STEENSON	16 Nov 12	CA REGIONAL WATER BOARD	[illegible]
DOUG DELONG	16 Nov 12	NAVY BRAC	[illegible]
MATTHEW PENA	11-26-12	TRACER	[illegible]
WES LASSETER	11-26-12	TRACER	[illegible]
Brandon Connelly	11-29-12	Klein Felder	[illegible]
Mark Lee	11-29-12	Kleinfelder	[illegible]
DAVID T. BEHNKEN		ERRG	[illegible]
Michael Friedman	11-29-12	ERRG	[illegible]
Lara Urizar	12/5/12	NAVY	[illegible]
DAVID BEHNKEN	12/5/12	ERRG	[illegible]
ARVIND ACHARYA	12/5/12	ITSI	[illegible]
Ken Leonard	12/5/12	ITSI	[illegible]
Ryan Miya	12/8/12	DTSC	[illegible]
Glen Nelson		Navy CSO	[illegible]
ROSS STEENSON		REGIONAL WATER BOARD	[illegible]
CRAIG COOPER		US EPA	[illegible]
Peter Strogan[illegible]		ROICC	[illegible]
[illegible]	12/11/12	ITSI	[illegible]
Kimberly Zo		ITSI	[illegible]
MARTY [illegible]		ITSI	[illegible]
Charles Cronister		ITSI	[illegible]
Aaron Miranda		ITSI	[illegible]
William Moore		ITSI	[illegible]
Peter Strogan[illegible]	27 Dec 12	ROICC	[illegible]
DON MC PONNELL		SYAR	[illegible]
STAN KIDY		SYAR	[illegible]
Glen Nelson	1/10/13	Navy CSO	[illegible]
ROSS STEENSON	1/10/13	CA WATER BOARD	[illegible]
[illegible]	1/11/13	ROICC SF Bay	[illegible]
[illegible]	1-22/13	ERRG	[illegible]
[illegible]	1-22/13	ERRG	[illegible]
E.D. GROOMAN	1/22/13	E.D. Grooman ERRG	[illegible]

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	1/22/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR + SUNNY	Page:	1 of 1
Site Visitors:	ERRG - TRAINING (SIGN-IN ATTACHED)		

Description of Field Activities:

BUILDING FLOOR INSPECTION AND REPAIRS, CLEANING OUT RUBBISH AND BUILDING SCRAP.

HAULING KOA BLOCKS TO BLDG 123 + STACKING KOA BLOCKS IN REPAIRED SECTION.

REPAIRING EQUIPMENT.

FORKLIFT, STRAIGHT MAST, INDOOR WET TRAINING.

EQUIPMENT - EXCAVATOR, WATER TRUCK, ROUGH TERRAIN & INDOOR FORKLIFTS, 2 KUBOTAS.

Signed: [signature] Date: 1/22/13

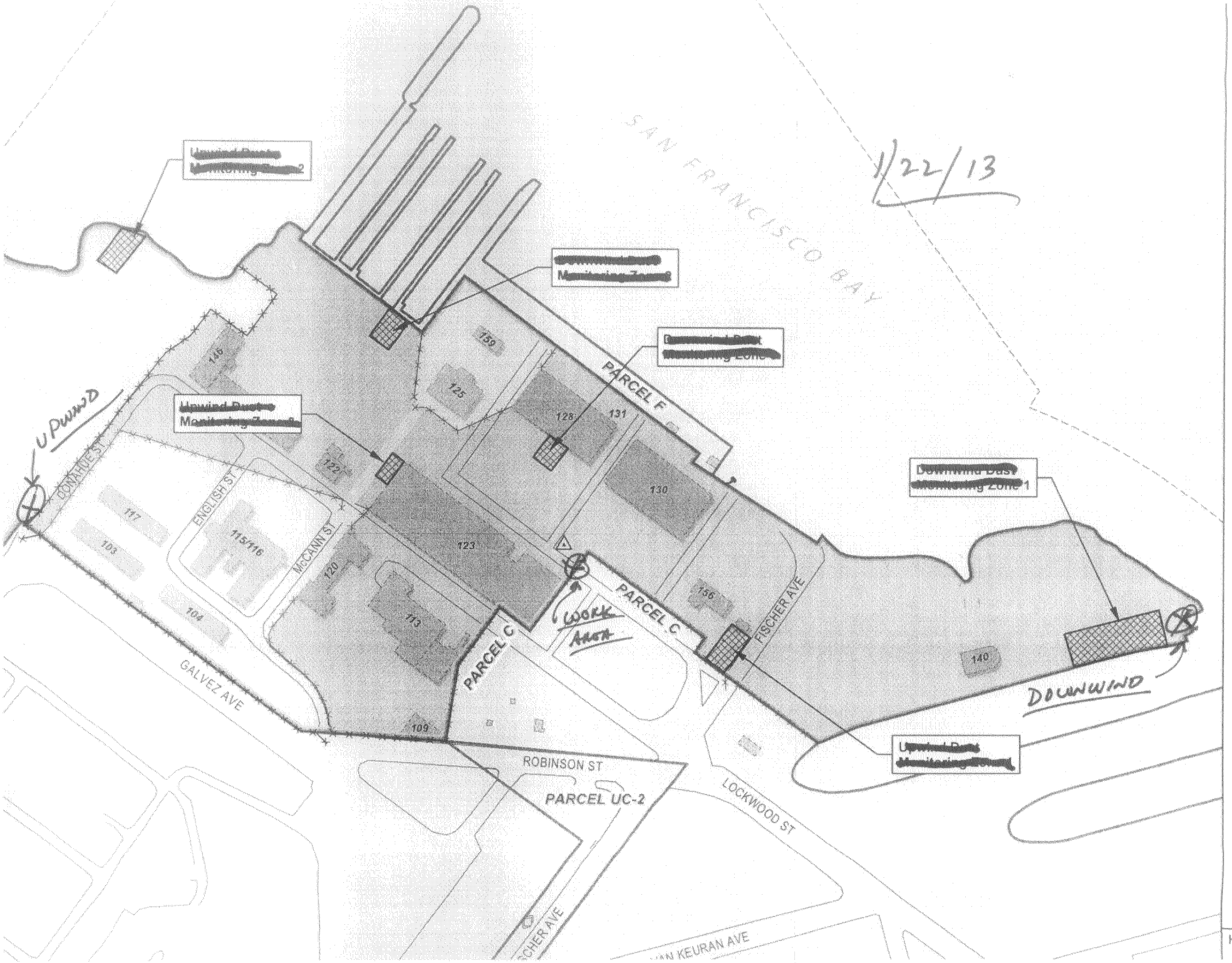
ERRG

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):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue + Galvez	1/22/13	0730	0.000	0.000	
Motor # 1161		0852	0.000	0.000	
		1006	0.036	0.004	
		1232	0.031	0.019	
		1340	0.018	0.019	
		1428	0.025	0.019	
WORK AREA Area B + C	1/22/13	0730	0.022	0.021	
Fence @ B123 #1008		0855	0.011	0.013	
		1009	0.037	0.016	
		1235	0.035	0.020	
		1346	—	—	MEMORY FULL - OFF
DOWNWIND Dry Dock #3	1/22/13	0740	0.030	0.040	
@ Shoreline #10973		0857	0.030	0.030	
		1011	—	—	ERRATIC (150 - 875)
		1022	0.023	0.030	RECAL + PUT BACKOUT
		1238	0.003	0.022	
		1343	0.000	0.017	
		1434	0.003	0.014	



1/22/13
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
DOWNWIND
WORK AREA
DONAHUE ST
ENGLISH ST
McCANN 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
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 22/01/13

REPORT NO 047

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	Started moving keel blocks into the Building 123 transformer room for storage.
03	Cleaned the floor slab inside Building 156. Inspected the foundation of Building 156 and documented the condition of the foundation. Patched
	cracks wider than 1/4-inch, utility penetrations, and small holes in the concrete slab using cement grout. Covered holes in the elevated wood
	floor on the south side of Building 156 using plywood. Inspected and documented all foundation repairs.
	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
	ERRG Health and Safety Manager conducted forklift training on site.

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

01/22/13 — 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

Building Foundation Inspection and Restoration

Date: 01/22/13
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**		Transmittal 22 was submitted on 1/14/13, awaiting ROICC approval
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 concrte 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**				
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					

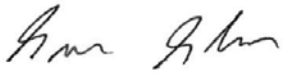
QC Manager: Spencer Slominski 	Date: 01/22/13

Photo 1: Mobilization and Site Preparation – Moving keel blocks into the Building 123 transformer room for storage

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: January 22, 2013

Photo 2: Building Foundation Inspection and Restoration – Concrete floor slab inside Building 156

HPNS Parcel B Remedial Action, San Francisco, California

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

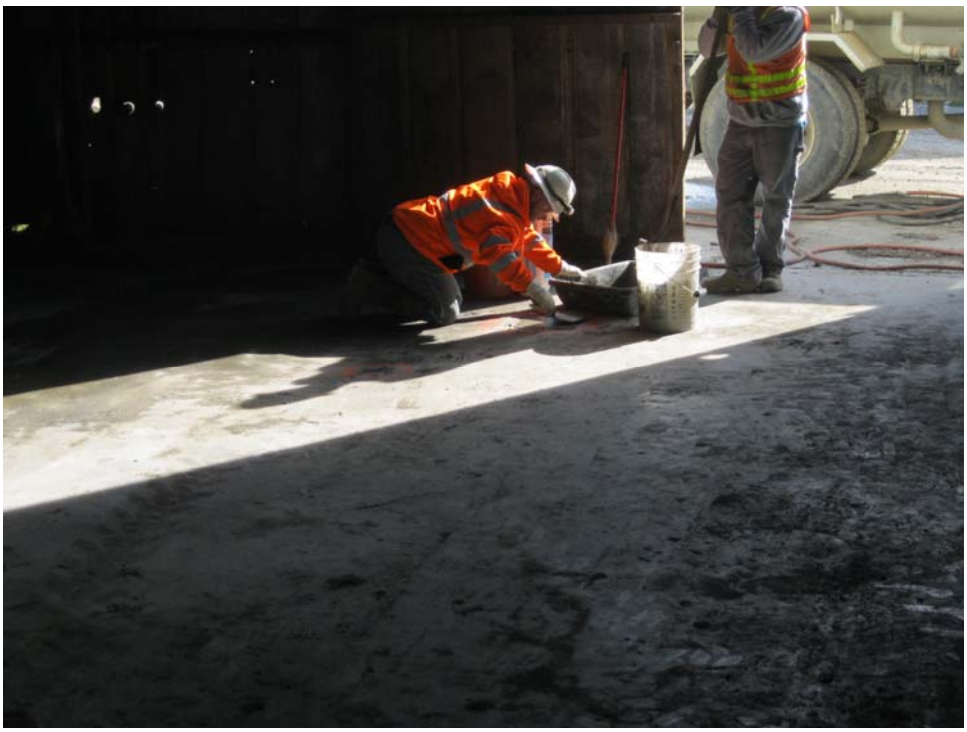


Photo 3: Building Foundation Inspection and Restoration – Patching small holes in the Building 156 floor slab using cement grout

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 4: Building Foundation Inspection and Restoration – Completed repair of small holes in floor slab

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 5: Building Foundation Inspection and Restoration – Plywood cover installed over a hole in the elevated wood floor on the south side of Building 156

HPNS Parcel B Remedial Action, San Francisco, California

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 23/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 048

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Cold	Rain/Cold	61	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors, and perform	ERRG	1	Superintendent	10
	equipment inspections. Dispatch crews to continue with crack repair and filling	ERRG	1	Construction Manager	0
	floor penetrations with grout in building 156. Move to building 130,	ERRG	1	Project Manager	0
	begin clearing floors of debris and cleaning for inspection and	ERRG	1	QC Manager	10
	photo documentation.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Remainder of crew continue working placing keel blocks in the transformer	ERRG	3	Equipment Operators	7
	room of building 123.	ERRG	8	Laborers	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	95
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	6438.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	6533.5

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 demobilization (keel block moving), pre-use equipment inspections being conducted. Conducted an on site forklift
	training class for ERRG employees, included extended reach and vertical mast.

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
01		55.06 tons recycled concrete structural fill

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
03	ERRG	JLG Skytrak 8K reach forklift	4
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
03	ERRG	JD 200CLC Excavator	8

Schedule Activity No.	REMARKS

James Nores — 01/23/13

CONTRACTOR/SUPERINTENDENT — DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 1/23/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK KEEL BLOCK SHUTTLE STACKING, BUILDING FLOOR CLEAN, INSPECTION + REPAIR, FORK LIFT TRAINING

SAFETY TOPICS PRESENTED

SAFETY TOPICS STLE, TRAFFIC, TRAINING IN B-123, ROBOTS IN SCRAPING, 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
Tomas Green	ERRG	
	ERRG	
	ERRG	
	ERRG	
	ERRG	
	ERRG	
	ERRG	
	ERRG	
	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 #: 3 CLEANING & GRUBBING 9 BLDG. FDN. RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/23/13 0700
Site Safety and Health Officer:	[redacted] R. EAP		1/23/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		1/23/13 0700
Employee(s):	Toney Green		1-23-13 0700
	[illegible]		1-23-13 0700
	[illegible]		1-23-13 0700
	B Kerr		1-23-13 0700
	[illegible]		1-23-13 0700
	[illegible]		1-23-13-0700
	FERNANDO LOZA		1-23-13-0700
	Spencer Johnson		1/23/13 0700
	[illegible]		1/23/13 0700
	Mike Babot		1/23/13 0700

ERRG

ERRG 2012-037

VISITORS LOG

NAME PRINTED	DATE	COMPANY	SIGNATURE
[illegible]	11/14/12	ERRG	[illegible]
PETER LOVERIDGE		ERRG	[illegible]
ALAN MUELLER		ERRG	[illegible]
EMILY JACKSON		ERRG	[illegible]
Christine Wang		ERRG	[illegible]
Claire Walker		ERRG	[illegible]
PETER STROGANOFF	15 Nov 12	ROICC	[illegible]
ROSS STEENSON	16 Nov 12	CA REGIONAL WATER BOARD	[illegible]
DOUG DELONG	16 Nov 12	NAVY DRAC	[illegible]
MATTHEW PENA	11-26-12	TRACER	[illegible]
CHES LASSETER	11-26-12	TRACER	[illegible]
Brandon Connelly	11-29-12	Klein Felder	[illegible]
Mark Lee	11-29-12	Kleinfelder	[illegible]
DAVID TOBEHKEN		ERRG	[illegible]
Michael Friedman	11-29-12	ERRG	[illegible]
Lara Urizar	12/5/12	NAVY	[illegible]
DAVID BEHNKEN	12/5/12	ERRG	[illegible]
ARVIND ACHARYA	12/5/12	ITSI	[illegible]
Ken Leonard	12/5/12	ITSI	[illegible]
Ryan Mya	12/13/12	DTSC	[illegible]
Glen Nelson		Navy CSO	[illegible]
ROSS STEENSON		REGIONAL WATER BOARD	[illegible]
CRAIG COOPER		US EPA	[illegible]
Peter Strogan[illegible]		ROICC	[illegible]
[illegible]	12/11/12	ITSI	[illegible]
Kimberly [illegible]		ITSI	[illegible]
MARTY [illegible]		ITSI	[illegible]
Charles Cranister		ITSI	[illegible]
Aaron Miranda		ITSI	[illegible]
William Moore		ITSI	[illegible]
Peter Strogan[illegible]	27 Dec 12	ROICC	[illegible]
DON MC CONNELL		SYAR	[illegible]
STAN KUDY		SYAR	[illegible]
Glen Nelson	1/10/13	NAVY CSO	[illegible]
ROSS STEENSON	1/10/13	CA WATER BOARD	[illegible]
Shirley Ng	1/11/13	ROICC SF Bay	[illegible]
Steven Sentinel	1-22/13	ERRG	[illegible]
[illegible]	1-22/13	ERRG	[illegible]
ED GROOMAN	1/22/13	E.D. Grooman ERRG	[illegible]
ED GROOMAN	1/23/13	ERRG	[illegible]
OSCAR CHAVEZ	1/23/13	ERRG	[illegible]
Chance Ledworth		ERRG	[illegible]
[illegible]	1/23/13	ERRG	[illegible]
[illegible]		ERRG	[illegible]
Roberto Aguilera		ERRG	[illegible]
Rafael Lara		ERRG	[illegible]
[illegible]		ERRG	[illegible]
[illegible]		ERRG	[illegible]
[illegible]		ERRG	[illegible]
Fernando Leza		ERRG	[illegible]

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	1/23/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST, SHOWERS	Page:	1 of 1
Site Visitors:	ERRG TRAINING - LIST ATTACHED		

Description of Field Activities:

CLEANING, INSPECTING + REPAIRING BUILDING FLOOR SURFACES, PATCHING HOLES.

TRANSPORTING KISER BLOCKS AND STACKING IN BLDG 123. PLACING BLOCKS IN CONCRETE PITS, BACKFILLING PITS WITH STONE DUST TO FILL VOIDS AROUND BLOCKS.

FORKLIFT CLASSROOM AND PRACTICAL TRAINING IN AND AROUND BLDG 123 FOR ERRG PERSONNEL.

EQUIPMENT: EXCAVATOR, SKIP LOADER, ROUGH TERRAIN FORK LIFT, KUBOTA, WATER TRUCK.

Signed: [signature] Date: 1/24/13

ERRG

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 23/01/13
REPORT NO 048

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 Building 123 transformer room for storage.
03	Continued patching utility penetrations in the concrete foundation of Building 156 and sealing holes in the wood floor of Building 156.
	Inspected and documented all foundation repairs. Started removing debris and cleaning the floor on the interior of Building 130.
	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
	ERRG Health and Safety Manager conducted forklift training on site.

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

01/23/13 — 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

Building Foundation Inspection and Restoration

Date: 01/23/13
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**		Transmittal 22 was submitted on 1/14/13, awaiting ROICC approval
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 concrte 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**				
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					

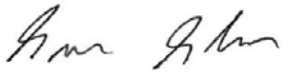
QC Manager: Spencer Slominski 	Date: 01/23/13

Photo 1: Mobilization and Site Preparation – Moving keel blocks into the Building 123 transformer room

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: January 23, 2013

Photo 2: Mobilization and Site Preparation – Stacking keel blocks inside the Building 123 transformer room for storage

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: January 23, 2013

Photo 3: Building Foundation Inspection and Restoration – Wood patch installed over holes in the elevated wood floor on the south side of Building 156

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 23, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	24/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	049		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cold	PM WEATHER	Cloudy/Cold
MAX TEMP (F)	61	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors, and perform	ERRG	1	Superintendent	10
	equipment inspections. Crew working on blocking access to vaults inside Bldg	ERRG	1	Construction Manager	0
	156, then continue cleaning out building 130 for inspection and photo	ERRG	1	Project Manager	0
	documentation of floor and access ways.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Remainder of crew continue working on placing keel blocks in the transformer	ERRG	2	Equipment Operators	14
	room of building 123. Continue moving keel blocks from all over Parcel B into	ERRG	7	Laborers	45
	the staging area for placement in building.				

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
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	6533.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	6640.5

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 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	0
01	ERRG	JLG Skytrak 8K reach forklift	4
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	8

Schedule Activity No.	REMARKS

James Nores 01/24/13

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 1/24/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK INSPECT, CLEAN & REPAIR BLDG. FLOORS, STORE KEEP BLOCKS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STF, MUD, EQUIPMENT, HEAVY WEIGHTS, RODENTS

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	
Paul Rodriguez	ERRG	
B. Lindsay	ERRG	
Tonny Green	ERRG	
Fernanda Loza	ERRG	
Enrique Martinez	ERRG	
Boris Portillo	ERRG	
Riley Bailey	ERRG	
Spencer Johnson	ERRG	
Nate Baker	ERRG	
Spencer Slavinski	ERRG	
Paul Schafer	ERRG SCS	
Ty Arm	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 #: 3 CLEARING + GRUBBING 9 BLDG FDN ROSTOVATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	1/24/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	1/24/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	1/24/13 0700
Employee(s):	Paul Rodriguez	[signature]	1-24-13 0700
	Brian Kerr	[signature]	1-24-13 0700
	ENRIQUE MARTINEZ	[signature]	1-24-13 0700
	B. Lunasco	[signature]	1-24-13 0700
	Toney Green	[signature]	1-24-13 0700
	Fernando Lez	[signature]	1-24-13 0700
	Kim Bailey	[signature]	1-24-13 0700
	Boris Portillo	[signature]	1-24-13 0700
	Spencer Johnson	[signature]	1/24/13 0700
	Mike Babst	[signature]	1/24/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	1/24/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST, RAIN SHOWERS	Page:	1 of 1
Site Visitors:	JACK THOMAS - ERRG (TRAINING)		

Description of Field Activities:

TRANSPORTING KEEL BLOCKS TO BLDG 123 & STACKING IN BLDG.

INSPECTING, CLEANING, REMOVING DEBRIS AND REPAIRING FLOORS AS NECESSARY.

SCS ON SITE TO CALIBRATE DUST MONITORS.

EQUIPMENT - EXCAVATOR, 2 EXTENDA FORKLIFTS, SKIP LOADER, KABOTA.

Signed: Richard Epp Date: 1/24/13

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
	1/24/13				
MONITORING NOT PERFORMED DUE TO A COMBINATION OF:					
1 - NO GROUND DISTURBING ACTIVITIES					
2 - ALL ROADWAYS WET W/ DUDDED					
3 - FORECAST FOR RAIN SHOWERS.					

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 24/01/13
REPORT NO 049

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 Building 123 transformer room for storage.
03	Sealed utility vault inside Building 156 with plywood cover. Inspected and documented all foundation repairs.
	Continued removing debris and cleaning the floor on the interior of Building 130.
	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

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

01/24/13 — 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

Building Foundation Inspection and Restoration

Date: 01/24/13
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**		Transmittal 22 was submitted on 1/14/13, awaiting ROICC approval
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 concrte 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					

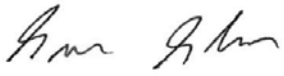
QC Manager: Spencer Slominski 	Date: 01/24/13

Photo 1: Mobilization and Site Preparation – Transporting keel blocks to the Building 123 transformer room

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 24, 2013

Photo 2: Building Foundation Inspection and Restoration – Plywood cover installed over utility vault inside Building 156

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 24, 2013

Photo 3: Building Foundation Inspection and Restoration – Cleaning the floor slab inside Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 24, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	25/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	050		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool	PM WEATHER	Msty Sunny/Cool
MAX TEMP (F)	62	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors, and perform	ERRG	1	Superintendent	10
	equipment inspections. Crew continue cleaning out building 130, begin to	ERRG	1	Construction Manager	0
	excavate non-hardscape areas to -6" for AB placement and to prepare for	ERRG	1	Project Manager	0
	paving.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Remainder of crew continue working on placing keel blocks in the transformer	ERRG	3	Equipment Operators	21
	room of building 123. Continue moving keel blocks from all over Parcel B into	ERRG	5	Laborers	35
	the staging area for placement in building. Crew cut up oversized metal to fit				
	into recycle bin.				

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	6640.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	6744.5

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 demobilization (keel block moving), pre-use equipment inspections being conducted. Hot work permit issued for
	abrasive grinding and torch work

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	4
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	8

Schedule Activity No.	REMARKS

James Nores 01/25/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/25/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK COLLECT + STORE KEEL BLOCKS; INSPECT, CLEAN + REPAIR BLDG FLOORS

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, MUD, RODENTS, EQUIPMENT, FALLING BLOCKS + TIMBER

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
Paul Rodriguez	ERRG	[signature]
Brian Kern	ERRG	[signature]
Spencer Glomash	ERRG	[signature]
B. Lunasco	ERRG	B. Lunasco
Boris Portillo	ERRG	Boris Portillo
Fernando Cozo	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Bubst	ERRG	[signature]
Toney Green	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 9 BLDG FOR RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/25/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		1/25/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		1/25/13 0700
Employee(s):	Paul Rodriguez		1-25-0700
	Brian Kerr		1-25-13 0700
	B. Lucas		1-25-13 0700
	Fernando Leal		1-25-13 0700
	ENRIQUE MARTINEZ		1-25-13 0700
	Boris Padilla		1-25-13 0700
	Spencer Johnson		1/25/13 0700
	Mike Bubst		1/25/13 0706
	Toney Green		1/25/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	1/25/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST TO CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

MOVING KEEL BLOCKS & SCALING IN B 123.

CLEANING AND PREPPING B-130 FLOOR FOR SCALING.

SCRAPPING MATERIAL INTO ROLLOFF BINS, SWEEPING METAL

EQUIPMENT: EXCAVATOR, FORK LIFT, BACK HOE, SKIP LOADER, KUBOTA

Signed: [signature] Date: 1/25/13

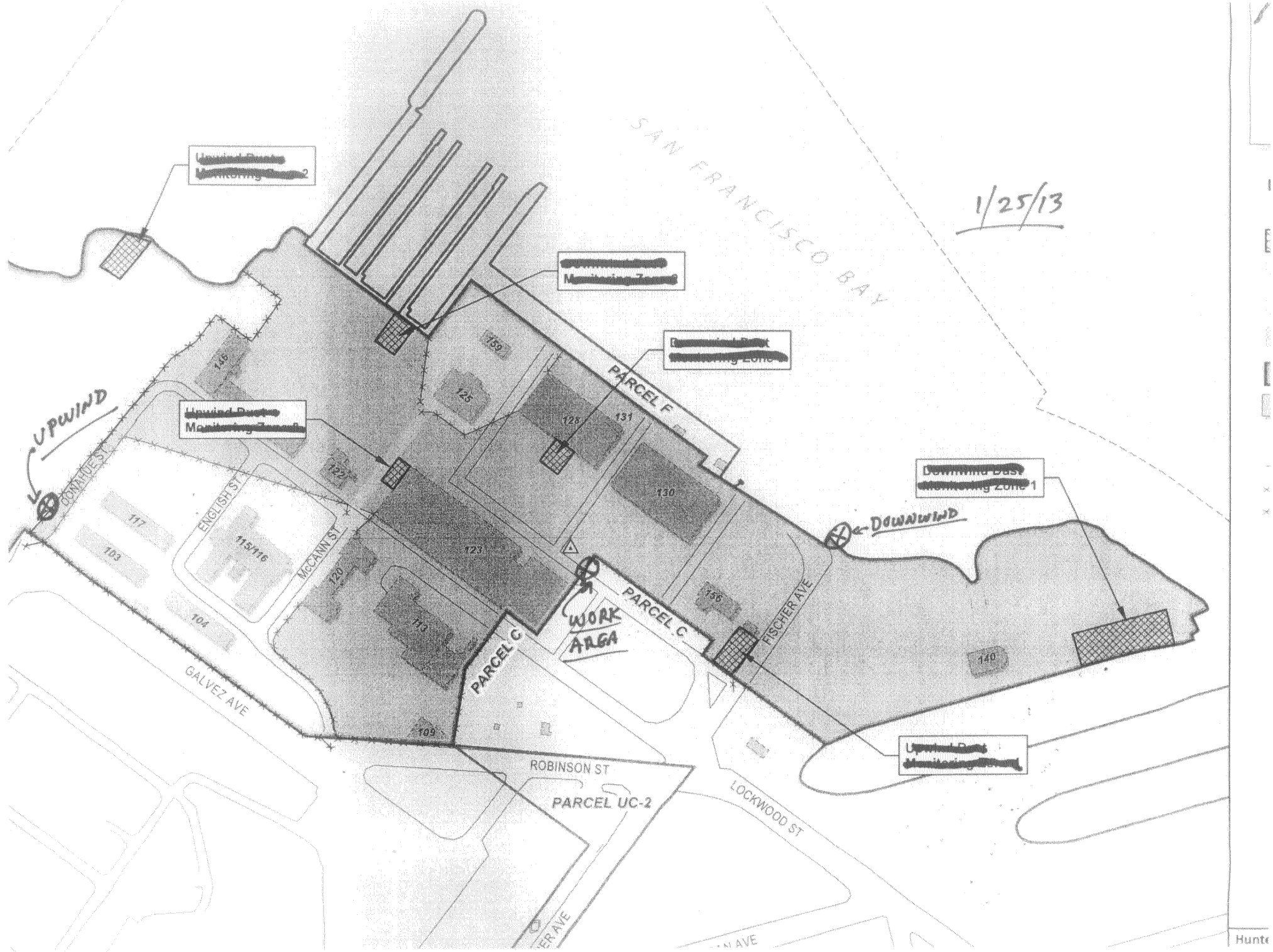
ERRG

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:	1 of 1
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND Donahue & Galvez	1/25/13	0725	0.000	0.000	
Motor # 1861		0834	0.000	0.000	
		0940	0.000	0.000	
		1029	0.000	0.000	
		1125	0.031	0.001	
		1239	0.008	0.004	
		1329	0.003	0.004	
		1432	0.000	0.002	
WORK AREA Fence Bound	1/25/13	0728	0.007	0.011	
Parcel B+C @ B-123		0837	0.012	0.028	
# 1808		0930	0.007	0.020	
		1032	0.017	0.017	
		1128	0.020	0.010	
		1242	0.034	0.019	
		1332	0.013	0.020	
		1435	0.027	0.019	
DOWNWIND Shoreline @	1/25/13	0732	0.034	0.034	
Station 11+20 #10973		0831	0.054	0.058	VISIBLE MOISTURE ON CAP
		0934	0.033	0.046	
		1034	0.014	0.037	
		1131	0.023	0.032	
		1245	0.014	0.029	
		1334	0.011	0.027	
		1438	0.003	0.024	



1/25/13
SAN FRANCISCO BAY
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
113
104
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: Forklift JCB	Model No.: 940	Serial No.: JCB940040711280885

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:** 1-24-13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: JCB 940 forklift **Identification Number:** 409 08 7015

Project Number / Name: Hunters point 2012 037 **Rental** ☒ **ERRG** ☐

Inspected By / Date:	1-24-13														**Defect(s):**
Daily Hours:	1829														
	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: J/D 200 EXCAVATOR **Identification Number:** _____

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

Inspected By / Date:	BL 1-21-13	1-23-13									
Daily Hours:	4517.3										
	Yes No N/A	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: JOHN DEERE SKID LOADER D **Identification Number:** _____

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

Inspected By / Date:	1-17-13			1-16-13			1-22-13			1-23-13						
Daily Hours:	1244.7			1251.4			1258.3 Ki			1260.9 Ki						
	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: 210 **Identification Number:** FC6X94

Project Number / Name: Hunters Point **Rental** ☐ **ERRG** ☒

Inspected By / Date:	RG 1-23-13			1-24-13 KI												
Daily Hours:	1261 KI			1264.8												
	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: kuBota **Identification Number:** ~~730~~-11-7125

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

Inspected By / Date:	MR 1/21/13			MR 01/22/13			RR 01/24/13			RP 01/25/13						
Daily Hours:	11217			11246			11300			11326						
	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: SLIGHT LEAK ON FRONT LEFT AXLE

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW 11078

Project Number / Name: HPNS [redacted] **Rental** ☐ **ERRG** ☑

Inspected By / Date:	1-21-13	RDB 1/22/13	MR 1/23/13	RL 1/24/13	1/25/13	
Daily Hours:	09745	9767	09790	09817	09821	
	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: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 25/01/13
REPORT NO 050

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 Building 123 transformer room for storage.
03	Continued cleaning the floor on the interior of Building 130. Inspected the foundation of Building 130, documented the condition of the foundation,
	and marked the areas requiring repair. Started excavating the top 6-inches of soil from the previously excavated areas within the foundation slab
	of Building 130 to prepare the subgrade for concrete patching.
	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

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

01/25/13 — 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

Building Foundation Inspection and Restoration

Date: 01/25/13
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**		Transmittal 22 was submitted on 1/14/13, awaiting ROICC approval
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 concrte 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					

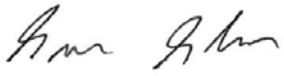
QC Manager: Spencer Slominski 	Date: 01/25/13

Photo 1: Building Foundation Inspection and Restoration – Holes and cracks in the floor slab of Building 130 marked for repair

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Building Foundation Inspection and Restoration – Existing trench through the floor slab inside Building 130 that was backfilled during a previous project

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 3: Building Foundation Inspection and Restoration – Excavation of the top 6-inches of soil from the previously excavated area within the foundation of Building 130
HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 4: Building Foundation Inspection and Restoration – Soil removed from previously excavated area at the southeast side of Building 130
HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 5: Building Foundation Inspection and Restoration – Soil removed from previously excavated trench on the southwest side of the Building 130 foundation

HPNS Parcel B Remedial Action, San Francisco, California

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	28/01/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	051		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Pt Cloudy/Cool	PM WEATHER	Msty Sunny/Cool
MAX TEMP (F)	57	MIN TEMP (F)	47

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors, and perform	ERRG	1	Superintendent	10
	equipment inspections. Crew continue cleaning out building 130, and contniue	ERRG	1	Construction Manager	4
	excavating non-hardscape areas to -6" for AB placement and to prepare for	ERRG	1	Project Manager	0
	paving.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Remainder of crew continue working on placing keel blocks in the transformer	ERRG	4	Equipment Operators	20
	room of building 123. Continue moving keel blocks from all over Parcel B into	ERRG	7	Laborers	44
	the staging area for placement in building. Crew cutting up oversized metal to				
	fit into recycle bin.				

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	6744.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	6860.5

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 demobilization (keel block moving), pre-use equipment inspections being conducted. Hot work permit issued for
	abrasive grinding and torch work

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	4
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	8

Schedule Activity No.	REMARKS

James Nores 01/28/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/28/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK INSPECT, REMOVE DEBRIS, REPAIR BLDG. FLOORS, GATHER & STORE KEEL BLOCKS IN BLDGS

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST&F, RODENTS, KEEL BLOCKS COMING APART, EQUIPMENT, FIRE

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	[signature]
Paul Rodriguez	ERRG	[signature]
Toney Green	ERRG	[signature]
Fernando Lozo	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
B. Lanasco	ERRG	[signature]
Spencer Slominsk	ERRG	[signature]
Mike Bubsk	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Ty Appel	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

1 MOBILIZATION
3 CLOTHING + GALVANIZING

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

AHA #: 9 BLDG. FDN. ROTATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/28/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		1/28/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		1/28/13 0700
Employee(s):	Ron Rodriguez		1/28/13 0700
	Brian Ker		1/28/13 0700
	Tracy Green		1-28-13 0700
	ENRIQUE MARTINEZ		1-28-13 0700
	FERNANDO LOZA		1-28-13 0700
	B. [illegible]		1-28-13 0700
	Mike Bubar		1-28-13 0700
	Spencer Johnson		1/28/13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	1/28/13
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:

GATHERING AND STACKING STEEL BLOCKS IN B-123.

CLEANING + REPAIRING BLDG FLOORS IN B-130.

SIZING SCRAP METAL, DUMPING IN BINS

INSPECTING ADD'L BUILDINGS FOR REPAIRS.

EQUIPMENT: EXCAVATOR, 2 FORK LIFTS, BACKHOE, SKIP LOADER, KUBOTA

Signed: [signature] Date: 1/28/13

ERRG

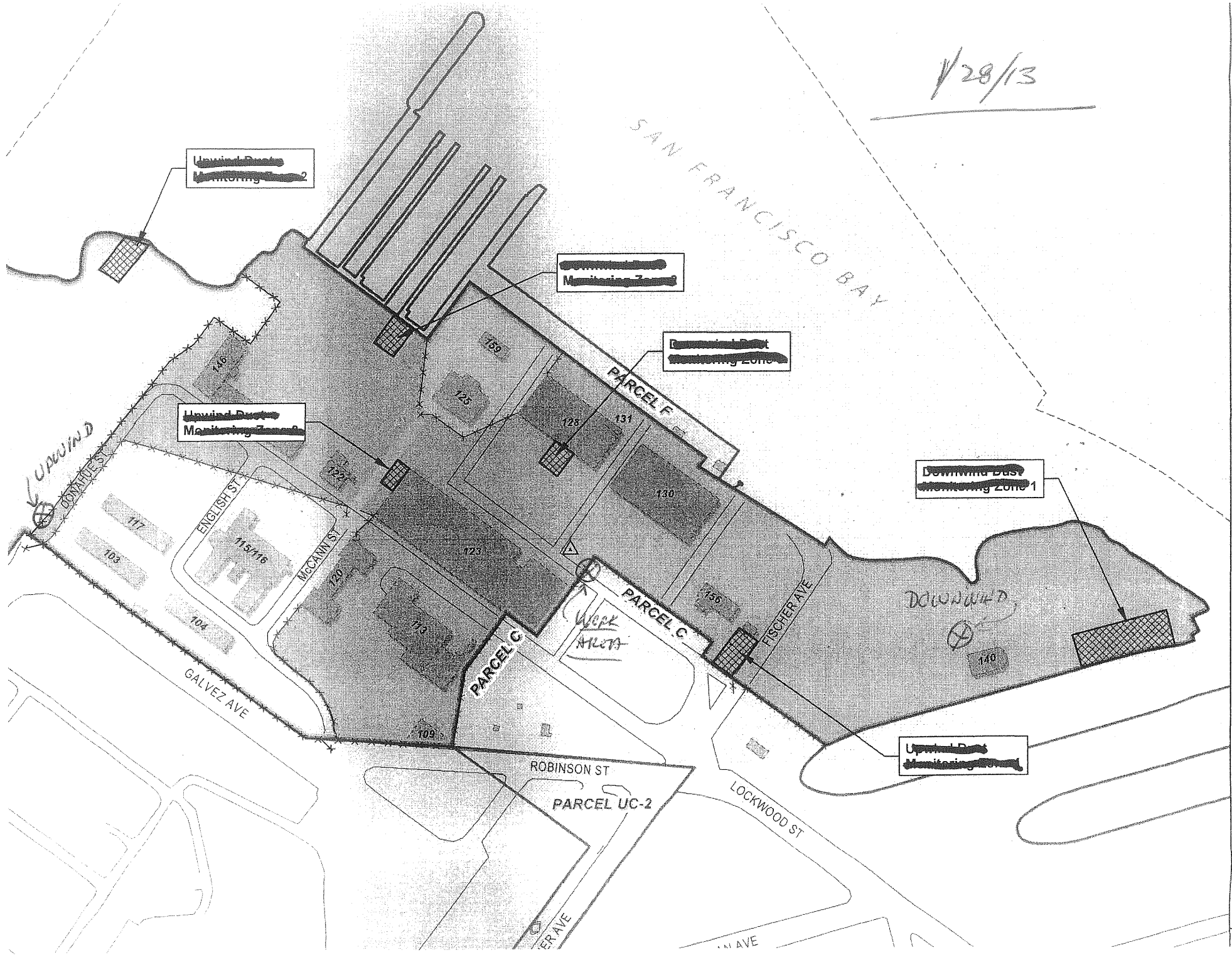
AIR MONITORING LOG SHEET

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	1/28/13	0715	0.000	0.000	
Mon # 1161		1020	0.000	0.000	
		1521	0.004	0.002	
WORK AREA Parcel B/C	1/28/13	0718	0.000	0.000	
Focus B-123 #1008		0827	0.000	0.000	
		0938	0.000	0.001	
		1026	0.002	0.000	
		1118	0.000	0.002	
		1307	0.000	0.001	
		1455	0.011	0.013	
DOWNWIND Work Area No	1/28/13	0723	0.020	0.006	
Mon # 10973		0946	0.000	0.000	
		1030	0.000	0.000	
		1510	0.018	0.000	



1/28/13
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
WORK AREA
146
159
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 28/01/13
REPORT NO 051

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 Building 123 transformer room for storage.
03	Continued cleaning the floor on the interior of Building 130. Continued excavating the top 6-inches of soil from the previously excavated areas
	within the foundation slab of Building 130 to prepare the subgrade for concrete patching.
	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

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

01/28/13 — 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

Building Foundation Inspection and Restoration

Date: 01/28/13
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 concrte 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					

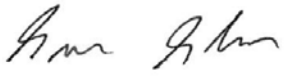
QC Manager: Spencer Slominski 	Date: 01/28/13

Photo 1: Mobilization and Site Preparation – Moving keel blocks into the Building 123 transformer room

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 28, 2013

Photo 2: Building Foundation Inspection and Restoration – Excavation of the top 6-inches of soil from the previously excavated trench in the center of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 28, 2013

Photo 3: Building Foundation Inspection and Restoration – Previously excavated area on the east side of Building 130 after removal of the top 6-inches of soil
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 28, 2013

Photo 4: Building Foundation Inspection and Restoration – Excavation of the top 6-inches of soil from the previously excavated area on the southwest side of Building 130
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 28, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 29/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 052

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Msty Sunny/Cool	57	47

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors, and perform	ERRG	1	Superintendent	10
	equipment inspections. Crew continue cut building 130 excavating non-	ERRG	1	Construction Manager	4
	hardscape areas to -6" for AB placement and to prepare for paving.	ERRG	1	Project Manager	4
		ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Remainder of crew continue working on placing keel blocks in the transformer	ERRG	4	Equipment Operators	22
	room of building 123. Continue moving keel blocks from all over Parcel B into	ERRG	7	Laborers	42
	the staging area for placement in building. Crew cutting up oversized metal to				
	fit into recycle bin.				

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	120
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	6860.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	6980.5

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 demobilization (keel block moving), pre-use equipment inspections being conducted. Hot work permit issued for
	abrasive grinding and torch work

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	4
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	8

Schedule Activity No.	REMARKS
	Weekly QC meeting today with Peter Stroganoff (ROICC) and ERRG QC and supervisory staff. Doug DeLong and Andy Uehisa also on site for tour.
	ERRG PM and Construction Manager met with CSO (Glen) to access records room to look up design drawings for structures located within Parcel B.
	ERRG PM met with Arcadis personnel regarding keel blocks they want to use for Parcel G boundary markers- they want approximately 375 blocks for use in June following
	paving.

James Nores 01/29/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/28/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK INSPECTION & REPAIR OF BLDG FLOORS, GATHERING + STACKING KOOL BLOCKS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, LOOSE, FALLING, BREAKING KOOL BLOCKS, EQUIPMENT, RODENTS

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
Jonny Green	ERRG	[signature]
Fernando Lico	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
B. Lunasco	ERRG	[signature]
Bing Bailey	ERRG	[signature]
Spencer Slomingh	ERRG	[signature]
Bora [illegible]	[illegible]	[signature]
Spencer Johnson	ERRG	[signature]
Ty APPA	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
Caitlin Gorman	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 MAN KOOL BLOCKS 9 DEG FOW MAST

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/29/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		1/29/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SCHMIDT		1/29/13 0700
Employee(s):	Tonay Green		1-29-13 0700
	Fernando Loza		1-29-13 0700
	Brian Kerr		1-29-13 0700
	[illegible]		1-29-13 0700
	[illegible]		1-29-13 0700
	B. [illegible]		1-29-13 0700
	[illegible]		1-29-13 0700
	[illegible]		1-29-13 0700
	Spencer Johnson		1/29/13 0700

EDDC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	1/29/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, SUNNY	Page:	1 of 1
Site Visitors:	PETER STROGANOFF, DOUG DeLONG		

Description of Field Activities:

INSPECT, CLEAN, REPAIR FLOORS IN BLDGS AS NECESSARY.

MOVE KEEL BLOCKS TO B-123 + STACK INSIDE.

INSPECT SPOIL PILES FOR PROPER BMP'S

EQUIPMENT: 2 FORKLIFTS, SKIPLOADER, BACKHOE, WATER TRUCK, KUBOTA

Signed: [signature] Date: 1/29/13

ERRG

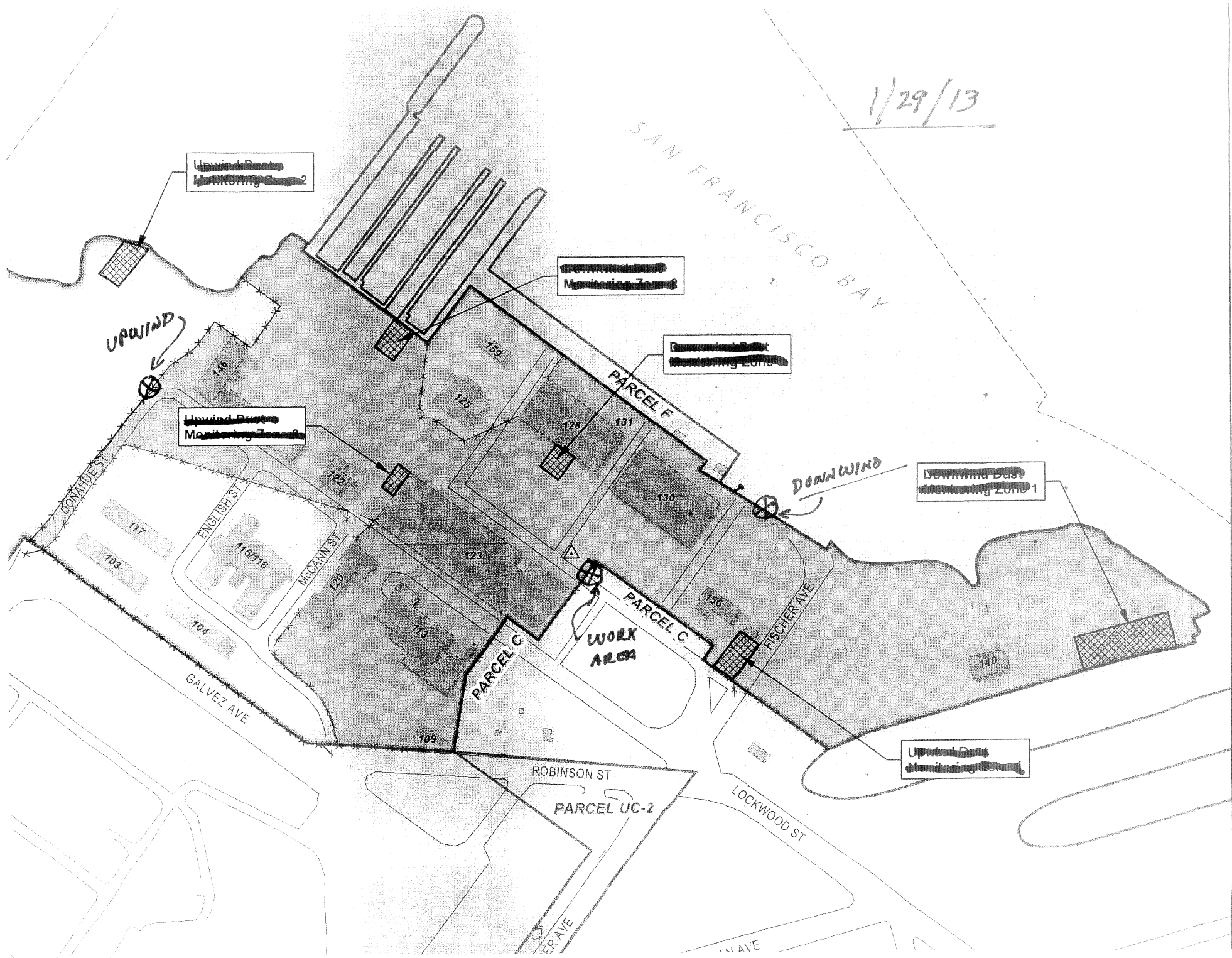
AIR MONITORING LOG SHEET

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 ST.	1/29/13	0717	0.000	0.000	
MOTOR # 1161		0827	0.000	0.000	
		1232	0.008	0.004	
		1341	0.008	0.005	
		1453	0.008	0.006	
WORK AREA PARCEL B+E	1/29/13	0720	0.040	0.043	
FENCE @ B-123 #1008		0814	0.000	0.017	
		1102	0.007	0.008	
		1234	0.019	0.007	
		1330	0.006	0.007	
		1458	0.003	0.007	
DOWNWIND SHIPYARD	1/29/13	0723	0.009	0.012	
		0819	0.017	0.007	
		1236	0.000	0.001	
		1334	0.000	0.001	
		1455	0.000	0.000	


1/29/13
SAN FRANCISCO BAY
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
146
159
125
128
131
122
130
117
115/116
103
123
120
113
104
156
140
109
Hunte

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 29/01/13

REPORT NO 052

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 Building 123 transformer room for storage.
03	Completed excavating the top 6-inches of soil from the previously excavated areas within the foundation slab of Building 130 to prepare the
	subgrade for concrete patching. Began applying grout and mortar patching to the cracks and holes in the foundation slab of Building 130
	that were identified during the foundation inspection.
	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
03	Conducted weekly QC meeting (attended by Navy ROICC, ERRG QCM, Superintendent, SSHO, and QC staff)

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

01/29/13 — 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

Building Foundation Inspection and Restoration

Date: 01/29/13
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**	
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					

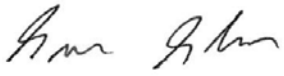
QC Manager: Spencer Slominski 	Date: 01/29/13

Photo 1: Building Foundation Inspection and Restoration – Previously excavated trench in the center of Building 130 after removal of the top 6-inches of soil

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 29, 2013

Photo 2: Building Foundation Inspection and Restoration – Previously excavated area on the southwest side of Building 130 after removal of the top 6-inches of soil

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 29, 2013

Photo 3: Building Foundation Inspection and Restoration – Patching cracks in the floor slab of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 29, 2013

Photo 4: Building Foundation Inspection and Restoration – Grout patch applied to small holes in the floor slab of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 29, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 30/01/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	053

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Msty Sunny/mild	62	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
03	Conduct tailgate safety meeting, review AHA for building interiors, and perform	ERRG	1	Superintendent	10
	equipment inspections. Crew finish the cut in building 130 excavating non-	ERRG	1	Construction Manager	0
	hardscape areas to -6" for AB placement and to prepare for paving. Finish	ERRG	1	Project Manager	0
	grouting/mortaring floor and wall penetrations.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Remainder of crew continue working on placing keel blocks in the transformer	ERRG	3	Equipment Operators	24
	room of building 123. Continue moving keel blocks from all over Parcel B into	ERRG	4	Laborers	32
	the staging area for placement in building.				

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	6980.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7084.5

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 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	4
01	ERRG	JLG Skytrak 8K reach forklift	8
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	8

Schedule Activity No.	REMARKS

James Nores 01/30/13

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 1/30/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK INSPECT, REMOVE DEBRIS, CLEAN & REPAIR BLDG FLOORS, MOVE USED BLOCKS TO B-123 & STACK.

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, HOUSEKEEPING, EQUIPMENT, REPORTS, BREAKING ICED BLOCKS

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]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
Boris Portillo	ERRG	Boris Portillo
[illegible]	ERRG	
[illegible]	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 #: 9 BLDG. FDN. RESTORATION / MIB (KOOL BLOCKS)

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/30/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		1/30/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		1/30/13 0700
Employee(s):	Brian Kerr		1/30/13 @ 700
	[illegible]		1-30-13 @0700
	Fernando Lora		1-30-13 0700
	Paul Rodriguez		1-30-13 0700
	ENRIQUE MARTINEZ		1-30-13 0700
	Mike Babst		1-30-13 0700
	Boris Fonte Jr.		1-30-13 0700
	Spencer Johnson		1/30/13 0700
	Toney Green		1-30-13 0700

EDDC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	1/30/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	MARK BLAISDELL - ITSI, RAY BIASOTTI - THD TRANSPORT		

Description of Field Activities:

CLEAN AND REPAIR FLOORS IN B-130.

TRANSPORT KEG BLOCKS TO B-123 & STACK BLOCKS INSIDE.

THE VISITORS WERE FOUND INSIDE THE PARCEL B AREA, APPARENTLY (THEY STATED), THEY WERE CHECKING ON THE AREA F BARGE FOR PROPER PPE AND SAFE OPERATING PROCEDURES. THE BARGE WAS IN THE VICINITY OF B-130, TETHERED TO THE WHARF.

EQUIPMENT : FORK LIFT, EXCAVATOR, WATER TRUCK, BACKHOE, SKID LOADER, KUBOTA.

Signed: [signature] Date: 1/30/13

ERRG

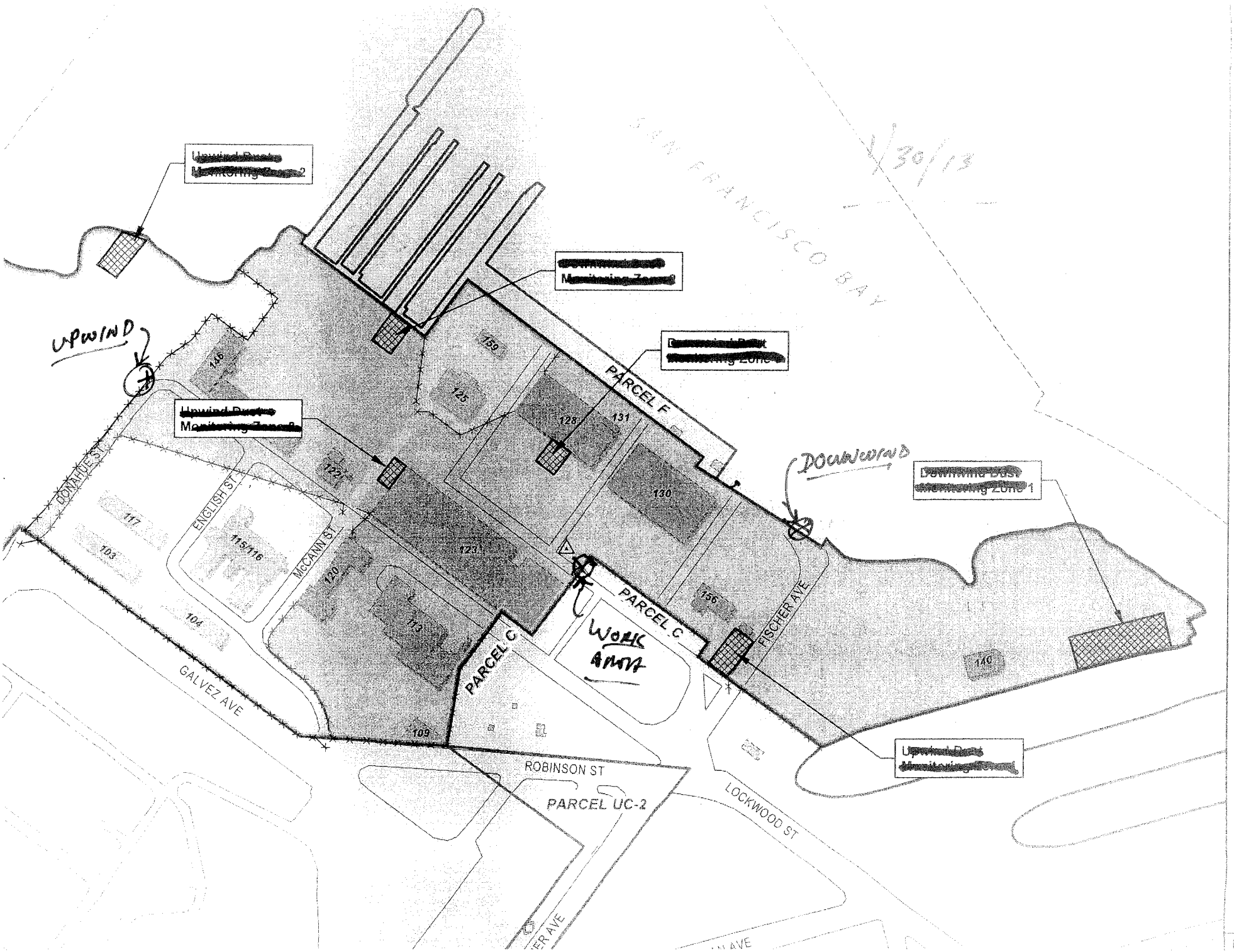
AIR MONITORING LOG SHEET

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 ST. MONITOR #1161	1/30/13	0715	0.000	0.000	
		1043	0.022	0.009	
		1440	0.025	0.015	
WORK AREA FENCE BETWEEN AREA BLDG D-123 MONITOR # 1008	1/30/13	0720	0.009	0.007	
		0843	0.007	0.003	
		0949	0.016	0.007	
		1055	0.035	0.012	
		1301	0.003	0.012	
		1417	0.015	0.012	
DOWNWIND SNAGPOINT MONITOR #1 10973	1/30/13	0723	0.006	0.011	
		0846	0.002	0.003	
		0958	0.004	0.004	
		1052	0.006	0.005	
		1308	0.000	0.006	
		1433	0.007	0.005	



SAN FRANCISCO BAY
1/30/13
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
WORK AREA
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER 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 30/01/13
REPORT NO 053

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 Building 123 transformer room for storage.
03	Completed excavating the top 6-inches of soil from the previously excavated areas within the foundation slab of Building 130 to prepare the
	subgrade for concrete patching. Applied grout and mortar patching to the cracks and holes in the foundation slab of Building 130 that were
	identified during the foundation inspection. Sealed the conduit and utility penetrations in the foundation of Building 130 by capping with grout.
	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
03	Site visited by Mark Blaisdell (ITSI Gilbane) and Ray Biasotti (T&D Transport).

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

01/30/13 — 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

Building Foundation Inspection and Restoration

Date: 01/30/13
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					

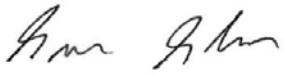
QC Manager: Spencer Slominski 	Date: 01/30/13

Photo 1: Mobilization and Site Preparation – Keel blocks stacked inside the Building 123 transformer room

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 30, 2013

Photo 2: Building Foundation Inspection and Restoration – Grout patch applied to small holes in the floor slab of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 30, 2013

Photo 3: Building Foundation Inspection and Restoration – Patch applied to crack in the floor slab of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 30, 2013

Photo 4: Building Foundation Inspection and Restoration – Utility penetrations in the foundation of Building 130 sealed with grout

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 30, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 31/01/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 054

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Msty Sunny/mild	64	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, SVE well	ERRG	1	Superintendent	10
	head piping installation and mob (keel block consolidation).	ERRG	1	Construction Manager	6
06	Crew working on installing SVE well heads in building 123.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
03	Crew continue with clearing, cleaning and grouting cracks and floor penetrations	ERRG	1	H&S Officer	8
	in building 130 and 128.	ERRG	2	QC Staff	20
		ERRG	3	Equipment Operators	20
01	Remainder of crew continue working on placing keel blocks in the transformer	ERRG	6	Laborers	30
	room of building 123				

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	7084.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7188.5

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 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	4
01	ERRG	JLG Skytrak 8K reach forklift	8
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	8

Schedule Activity No.	REMARKS
	Assisted the artist tenant in building 104 with moving some personal effects from the perimeter of the building.

James Nores 01/31/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 1/31/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK INSPECT, CLEAN & REPAIR BLDG FLOORS, TRANSPORT KEEL BLOCKS TO B-123 + STACK, WELL (SVE) PIPING ASSEMBLY

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAFF, EQUIPMENT, BLOCKS BREAKING UP, RODENTS, INSECTS, NUSICENCE, DUST, BEE STINGS

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 Babosh	ERRG	[signature]
Fernando Lopez	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Tony Green	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
King Bailey	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Boris Fontette	ERRG	Boris Fontette
Spencer Slomass	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Ty Arm	ERRG	[signature]
Shirley Ng (awareness vs. attendance)	ROIC	[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 (KOBZ BOOKS) 9 BLDG FDN RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		1/31/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		1/31/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		1/31/13 0700
Employee(s):	Mike Barry Jr		1/31/13 @ 700
	Fernando Loza		1/31/13 @ 700
	Raul Rodriguez		1/31/13 0700
	ENRIQUE MARTINEZ		1-31-13 0700
	Brian Kerr		1-31-13 0700
	King Barley		1-31-13 0700
	Boris Portillo		1-31-13 0700
	Toney Green		1-31-13 0700
	Spencer Johnson		1/31/13 0700

EDDC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	1/31/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	SHIRLEY NG - ROICE		

Description of Field Activities:

WORKING ON SVE SYSTEM PIPING CONNECTING TO NEW WELLS.

TRANSPORTING WOOD BLOCKS TO B-123, STACKING BLOCKS IN BLDG

ROUTING REWORKED LOADER BUCKET

ASSISTED ARTIST WITH MARKING OBJECTS.

EQUIPMENT - EXCAVATOR, FORKLIFT, SKIPLOADER,

Signed: _____ Date: 1/31/13

ERRG

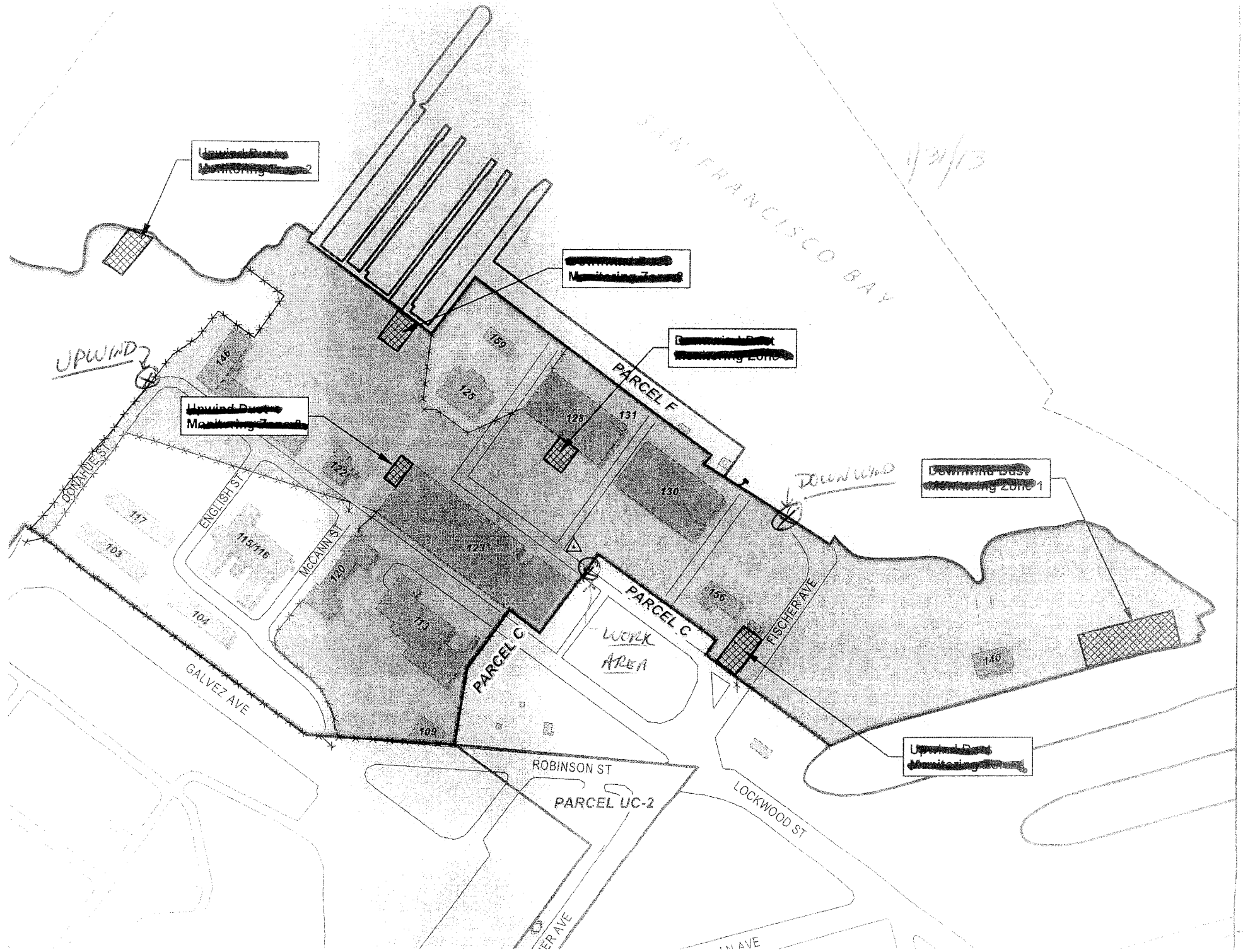
AIR MONITORING LOG SHEET

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 St. Motor # 1161	1/31/13	0732	0.000	0.000	
		~~0854~~	~~0.008~~	~~0.001~~ N/C	
		1110	0.014	0.002	
		1441	0.040	0.016	
WORK AREA Fence Between Arrows B TC@ B-123 Motor # 1008	1/31/13	0712	0.000	0.000	
		0854	0.008	0.001	
		0953	0.000	0.002	
		1056	0.017	0.003	
		1316	0.028	0.013	
		1447	0.047	0.018	
DOWNWIND Shoreline Motor # 10973	1/31/13	0736	0.016	0.014	
		0857	0.020	0.013	
		1059	0.014	0.014	
		1330	0.026	0.016	
		1445	0.035	0.017	



SAN FRANCISCO BAY
1/31/13
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
WORK AREA
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

WORKSHEET FOR
CONTRACTOR SAFETY SELF-EVALUATION

ROICC OFFICE: NAVFAC SW DATE: 1/31/13

CONTRACTOR: ERRG, INC.

CONTRACT TITLE: REMEDIAL ACTION AT PARCEL B CONTRACT % COMPLETE: 29%

CONTRACTOR SUPERINTENDENT: JAMES MORES

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? LIGHT LEVEL MONITORING DURING NIGHT WORK	
	(Yes)	(No)	(N/A)	60) Other? Extra Credit? EQUIPMENT SOUND LEVELS MONITORED AT NIGHT	
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	(Yes)	(No)	(N/A)	97) Are forklift operators qualified through training at the site (certificate included in Safety Plan)?
Comments/Notes:	(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? TRUCK SPOTTERS W/RADIOS DURING NIGHT WORK
	(Yes)	(No)	(N/A)	107) Other? Extra Credit?
DEMOLITION	(Yes)	(No)	(N/A)	108) Has demolition plan been submitted and accepted?
Comments/Notes:	(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	(Yes)	(No)	(N/A)	117) Workers wearing leather shoes (no tennis shoes), long pants and sleeve shirt?
Comments/Notes:	(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? HEAD LAMPS & WADERS PROVIDED
ABATEMENT	(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?
Comments/Notes:	(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	(Yes)	(No)	(N/A)	136) Are employees wearing appropriate flotation devices (PFDs)?
	(Yes)	(No)	(N/A)	137) Is a space rescue skiff available?
Comments/Notes:	(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:	1	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 31/01/13
REPORT NO 054

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 Building 123 transformer room for storage.
03	Continued patching cracks and holes in the foundation slab of Building 130 that were identified during the foundation inspection using grout and
	mortar. Started clearing debris from the interior of Building 128.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
06	Installed pressure gauges and sample port fittings on the well head piping of the 3 new SVE wells inside Building 123. Installed sample
	port fittings on the 2 new soil vapor monitoring wells inside Building 123.
	Verified that construction activities complied with the SVE System 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
03	Site visit by Shirley Ng (ROICC).

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

01/31/13 — 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

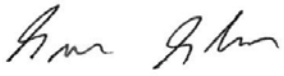
Building Foundation Inspection and Restoration

Date: 01/31/13
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: 01/31/13

SVE System Installation

Date: 01/31/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contracting Officer been notified at least 72 hours before well drilling and well installation activities are scheduled to begin? (02 05 22, Sec 3.6)	**Prep**	**X**			
Have all submittals for the activated carbon adsorption units been approved prior to delivery to the site? (43 13 13.13, Sec 1.3)	**Prep**	**X**			
Have the shop drawings showing the layout of the SVE system been approved? (43 13 13.13, Sec 1.3.1)	**Prep**	**X**			
Have the manufacturers' certifications for activated carbon been received? (43 13 13.13, Sec 1.3.3)	**Prep**	**X**			
Is SVE well installation overseen by a California-licensed professional civil engineer or certified engineering geologist? (02 05 22, Sec 1.5)	**Initial**	**X**			
Have the well casing, well screen, and wellhead fitting materials been checked to verify the products meet the specified requirements prior to installation?	**Initial**	**X**			Casing for the soil vapor monitoring probes is ¾ inch diameter;
Has the SVE Start-Up Plan been submitted at least 14 days before initiating start-up? (02 62 16, Sec 1.4.1)	**Initial**			**X**	
Is SVE system work overseen by a California-licensed professional engineer? (02 62 16, Sec 1.4.1)	**Initial**	**X**			
Are the well casings and well screens installed using flush-joint schedule 40 PVC, installed to the elevations shown on the drawings? (02 05 22, Sec 3.3.2)	**Follow up**			**X**	Well installation was completed on 12/6/12
Has the filter pack been installed using clean sand, placed around the well screen to an elevation of 6-inches above the well screen? (02 05 22, Sec 3.3.4)?	**Follow up**			**X**	
Has a minimum 6-inch thick bentonite seal been installed on the SVE wells, and a minimum 12-inch thick bentonite seal been installed on the soil vapor monitoring wells? (02 05 22, Sec 3.3.5)	**Follow up**			**X**	
Has non-shrinking cement and bentonite grout been placed in one continuous operation into the annulus above the bentonite seal to the ground surface? (02 05 22, Sec 3.3.6)	**Follow up**			**X**	
Was the alignment of the well confirmed by passing a 5 foot long section of rigid PVC pipe 1/4 inch smaller in diameter than the inside diameter of the casing through the entire well? (02 05 22, Sec 3.3.6)	**Follow up**				
Is the well identification clearly written or attached to each well in a manner that it cannot be removed? (02 05 22, Sec 3.3.7)	**Follow up**		**X**		Well identification to be installed later
Have the drill rods, bits, augers, temporary casing, development equipment, tremie pipes, grout lines, and all associated equipment been decontaminated between each boring? (02 05 22, Sec 3.2.1)	**Follow up**			**X**	
Was all the drilling waste properly containerized? (02 05 22, Sec 3.3.8)	**Follow up**			**X**	
Have the horizontal coordinates and elevation of each well casing been surveyed by a California-licensed surveyor?	**Follow up**		**X**		Survey to be performed later
Have a minimum of 2 activated carbon adsorption vessels been installed in series, connected with piping such that either vessel can be operated as the lead or lag vessel? (43 13 13.13, Sec 2.2.3)	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have the adsorption vessels been filled with the type of granular activated carbon in the approved submittal for activated carbon? (43 13 13.13, Sec2.2)	**Follow up**			**X**	
Have the adsorption vessels been anchored to a footing isolated from the floor slab, or mounted on a skid base (43 13 13.13, Sec 3.2)?	**Follow up**			**X**	
Has the SVE wellhead piping been installed as shown on the drawings?	**Follow up**	**X**			
Have pressure gauges, thermometers, and sample ports been installed on the SVE piping as shown on the drawings?	**Follow up**	**X**			
Have all products been inspected for defects (43 13 13.13, Sec 3.3.1)?	**Follow up**			**X**	
Have all operating mechanisms been checked for proper functioning? (43 13 13.13, Sec 3.1.3)	**Follow up**			**X**	
Has baseline monitoring (ambient weather, soil gas monitoring, and groundwater levels) been completed prior to SVE system start-up (02 62 16, Sec 3.1)?	**Follow up**			**X**	
Have the pre-commissioning checklists been completed prior to SVE start-up? (02 62 16, Sec 3.2.2a)	**Follow up**			**X**	
Have the Functional Performance Tests Checklists been completed? (02 62 16, Sec 3.2.2b)	**Follow up**			**X**	
Receivables					
Material properties sheet					
Manufacturers QC Manual					
QC Certification					
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
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: 01/31/13

Photo 1: Building Foundation Inspection and Restoration – Grout patch applied to hole in the floor slab of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 31, 2013

Photo 2: Building Foundation Inspection and Restoration – Interior of Building 130 after repair of cracks in the floor slab

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 31, 2013

Photo 3: SVE System Installation – Pressure gauge and sample port fitting installed on the well head piping of new SVE well

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 31, 2013

Photo 4: SVE System Installation – Sample port fittings installed on new soil vapor monitoring wells inside Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: January 31, 2013

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: 01/02/13	REPORT NO: 055
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Pt Cloudy/Cool	PM WEATHER: Msty Sunny/mild	MAX TEMP (F): 64	MIN TEMP (F): 46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03	Conduct tailgate safety meeting, review AHA for building interiors, and mob	ERRG	1	Superintendent	10
	(keel block consolidation).	ERRG	1	Construction Manager	6
		ERRG	1	Project Manager	0
03	Crew continue with clearing, cleaning and grouting cracks and floor penetrations	ERRG	1	QC Manager	10
	in building 130 and 128.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Remainder of crew continue working on placing keel blocks in the transformer	ERRG	3	Equipment Operators	24
	room of building 123	ERRG	4	Laborers	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	110
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7188.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7298.5

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 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	4
01	ERRG	JLG Skytrak 8K reach forklift	8
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	8

Schedule Activity No.	REMARKS

James Nores 02/01/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 2/1/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK INSPECT, REMOVE RUBBLE, CLEAN + REPAIR FLOORS, HAUL KEEL BLOCKS TO B-123 + STACK, SVE SYSTEM PIPING

SAFETY TOPICS PRESENTED

SAFETY TOPICS ST+F, EQUIPMENT, KEEL BLOCKS BREAKING, LIFTING, RODENTS, INSECTS

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
Paul Rodriguez	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Joney Green	ERRG	[signature]
Fernando Leza	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Ray Bailey	ERRG	[signature]
Boris Pantelli	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Bubsl	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]
TJ APPD	ERRG	[signature]
Spencer Slomnak	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 (KEEL BLOCKS) 9 BLDG FDN RESTORATION 15 SVE SYSTEM EXPANSION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		2/1/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		2/1/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		2/1/13 0700
Employee(s):	Paul Rodriguez		2/1/13 0700
	Brian Kerr		2/1/13 0700
	Tonny Green		2/1/13 0700
	ENRIQUE MARTINEZ		2-1-13 0700
	FERNANDO LOZA		2-1-13 0700
	King Bailey		2-1-13 0700
	Boris Portillo	Boris Portillo	2-1-13 0700
	Spencer Johnson		2/1/13 0700
	Mike Bubsl		2/1/13 0700

EDDC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	2/1/13
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:

REPAIRING CRACKS IN FLOOR, B-130

CLEANING AND PREPARING FLOOR FOR PATCHING B-123

TRANSPORTING KEEL BLOCKS TO B-123 & STACKING

PIPE INSTALLATION FOR SVE SYSTEM

FIRE EXTINGUISHERS CHECKED IN ALL EQUIPMENT.

EQUIPMENT: EXCAVATOR, BACKHOE, SKIDLOADER, WATER TRUCK, FORKLIFT.

Signed: [signature] Date: 2/1/13

ERRG

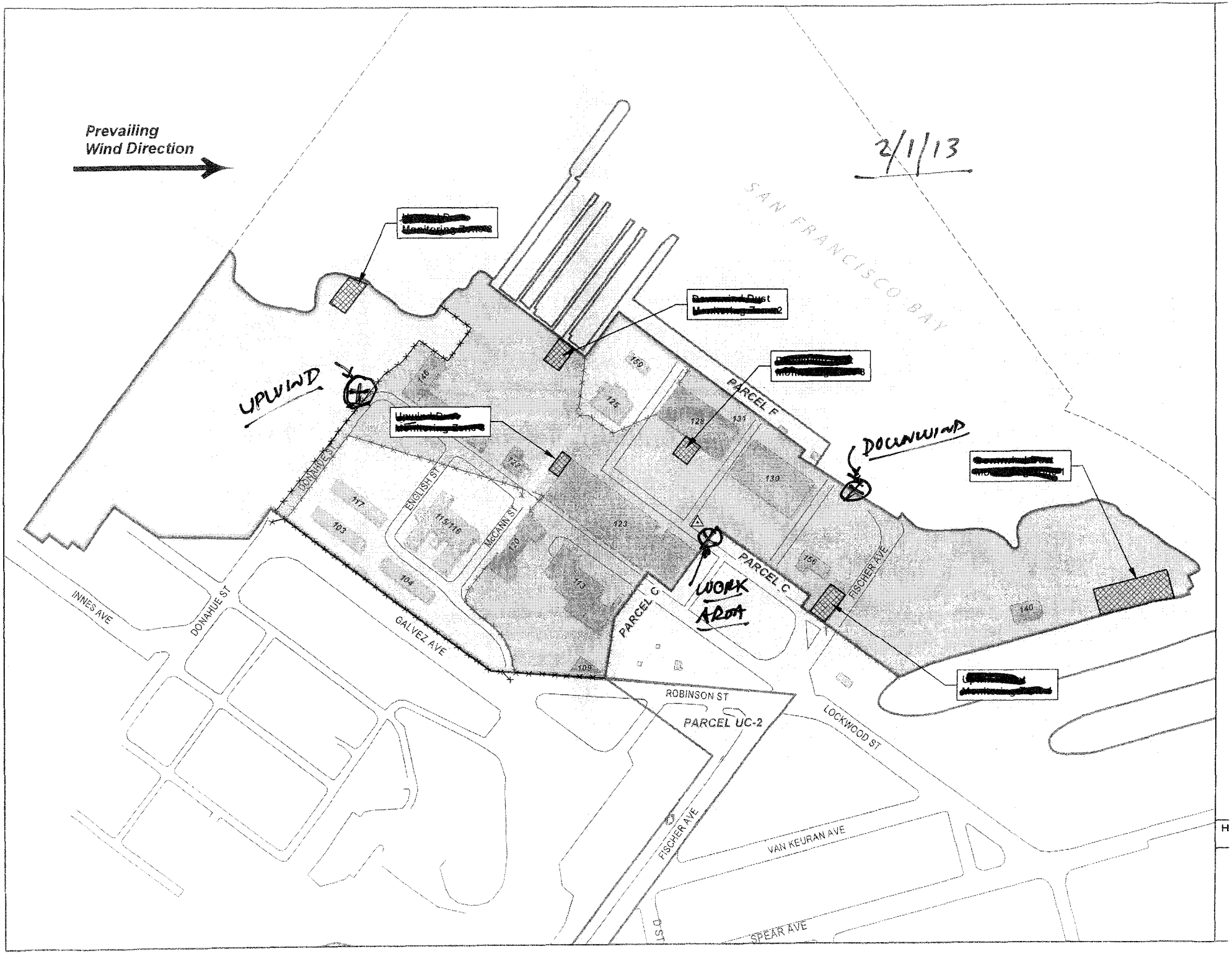
AIR MONITORING LOG SHEET

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: ___ of ___
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND DINGHOE ST. MOTOR # 1161	2/1/13	0730	0.000	0.000	
		0902	0.000	0.000	
		1451	0.019	0.025	
WORK AREA FENCE BOU. NEAR B+C @ B-123 #1008	2/1/13	0713	0.023	0.027	
		0842	0.019	0.024	
		0952	0.029	0.022	
		1046	0.033	0.024	
		1143	0.039	0.026	
		1343	0.038	0.029	
		1457	0.055	0.030	
DOWNWIND STORAGE NEAR B-130 #10973	2/1/13	0718	0.037	0.037	
		0846	0.032	0.042	
		1040	0.031	0.034	
		1347	0.015	0.031	
		1457	0.005	0.028	


Prevailing
Wind Direction
2/1/13
SAN FRANCISCO BAY
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
FISCHER AVE
FISCHER AVE
ROBINSON ST
LOCKWOOD ST
VAN KEURAN AVE
SPEAR AVE
INNES AVE
DONAHUE ST
DONAHUE ST
GALVEZ AVE
ENGLISH ST
McCANN ST
145
159
125
128
131
130
122
123
120
119
117
103
115/116
104
109
156
140

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: EXCAVATOR / 200.C **Identification Number:** TW10027

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

Inspected By / Date:	1-9-13 KI			1-10-13 KI			1-11-13 KI			1-12-13 KI			1-14-13			
Daily Hours:	4473			4477.2			4479.2			4486.5			4497.8			
	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: 200 John Deer Excavator **Identification Number:** _____

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

Inspected By / Date:	1-24 BP			1-25 BP			1-28 BP			1-29 BP			1-30 BP			
Daily Hours:	4527.2			4533.6			4539.4			4545			4552			
	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: 210 SKID LOADER **Identification Number:** _____

Project Number / Name: H & P **Rental** ☐ **ERRG** ☒

Inspected By / Date:	1-28-13 KI	1-29-13 KI	1-30-13 KI	1-31-13	2-1-13	
Daily Hours:	12681.1	1272.6	1277.0	1283.9	1285.7	
	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: FORKLIFT [redacted] **Identification Number:** [redacted]

Project Number / Name: HPNS **Rental** ☐ **ERRG** ☒

Inspected By / Date:	1-28-13			1-29-13 FL			1-30-13 FL			1-31-13 FL			2-1-13 FL			
Daily Hours:	1472.1 KI			1479.1			1484.3			1490.2			1497.6			
	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: LG forklift **Identification Number:** WJ9864

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

Inspected By / Date:	1-7-13 TG			1-8-13 KI			1-10-13 TG			1-11-13						
Daily Hours:	1447			1448			1449			1450						
	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: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 01/02/13
REPORT NO 055

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 Building 123 transformer room for storage.
03	Continued patching cracks and holes in the foundation slab of Building 130 that were identified during the foundation inspection using grout and
	mortar. Excavated the top 6-inches of soil from two previously excavated areas at the southeast side of the foundation of Building 123.
	Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
06	Assembled 3 sets of butterfly valve and camlock fittings for the SVE well head piping. Re-connected existing SVE system piping that was
	temporarily removed during installation of the new SVE wells.
	Verified that construction activities complied with the SVE System 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

02/01/13 — 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

Building Foundation Inspection and Restoration

Date: 02/01/13
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**	
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: 02/01/13

SVE System Installation

Date: 02/01/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Contracting Officer been notified at least 72 hours before well drilling and well installation activities are scheduled to begin? (02 05 22, Sec 3.6)	**Prep**	**X**			
Have all submittals for the activated carbon adsorption units been approved prior to delivery to the site? (43 13 13.13, Sec 1.3)	**Prep**	**X**			
Have the shop drawings showing the layout of the SVE system been approved? (43 13 13.13, Sec 1.3.1)	**Prep**	**X**			
Have the manufacturers' certifications for activated carbon been received? (43 13 13.13, Sec 1.3.3)	**Prep**	**X**			
Is SVE well installation overseen by a California-licensed professional civil engineer or certified engineering geologist? (02 05 22, Sec 1.5)	**Initial**	**X**			
Have the well casing, well screen, and wellhead fitting materials been checked to verify the products meet the specified requirements prior to installation?	**Initial**	**X**			Casing for the soil vapor monitoring probes is ¾ inch diameter;
Has the SVE Start-Up Plan been submitted at least 14 days before initiating start-up? (02 62 16, Sec 1.4.1)	**Initial**			**X**	
Is SVE system work overseen by a California-licensed professional engineer? (02 62 16, Sec 1.4.1)	**Initial**	**X**			
Are the well casings and well screens installed using flush-joint schedule 40 PVC, installed to the elevations shown on the drawings? (02 05 22, Sec 3.3.2)	**Follow up**			**X**	Well installation was completed on 12/6/12
Has the filter pack been installed using clean sand, placed around the well screen to an elevation of 6-inches above the well screen? (02 05 22, Sec 3.3.4)?	**Follow up**			**X**	Well installation was completed on 12/6/12
Has a minimum 6-inch thick bentonite seal been installed on the SVE wells, and a minimum 12-inch thick bentonite seal been installed on the soil vapor monitoring wells? (02 05 22, Sec 3.3.5)	**Follow up**			**X**	Well installation was completed on 12/6/12
Has non-shrinking cement and bentonite grout been placed in one continuous operation into the annulus above the bentonite seal to the ground surface? (02 05 22, Sec 3.3.6)	**Follow up**			**X**	Well installation was completed on 12/6/12
Was the alignment of the well confirmed by passing a 5 foot long section of rigid PVC pipe 1/4 inch smaller in diameter than the inside diameter of the casing through the entire well? (02 05 22, Sec 3.3.6)	**Follow up**				
Is the well identification clearly written or attached to each well in a manner that it cannot be removed? (02 05 22, Sec 3.3.7)	**Follow up**		**X**		Well identification to be installed later
Have the drill rods, bits, augers, temporary casing, development equipment, tremie pipes, grout lines, and all associated equipment been decontaminated between each boring? (02 05 22, Sec 3.2.1)	**Follow up**			**X**	
Was all the drilling waste properly containerized? (02 05 22, Sec 3.3.8)	**Follow up**			**X**	
Have the horizontal coordinates and elevation of each well casing been surveyed by a California-licensed surveyor?	**Follow up**		**X**		Survey to be performed later
Have a minimum of 2 activated carbon adsorption vessels been installed in series, connected with piping such that either vessel can be operated as the lead or lag vessel? (43 13 13.13, Sec 2.2.3)	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Have the adsorption vessels been filled with the type of granular activated carbon in the approved submittal for activated carbon? (43 13 13.13, Sec2.2)	**Follow up**			**X**	
Have the adsorption vessels been anchored to a footing isolated from the floor slab, or mounted on a skid base (43 13 13.13, Sec 3.2)?	**Follow up**			**X**	
Has the SVE wellhead piping been installed as shown on the drawings?	**Follow up**	**X**			Assembled butterfly valve and camlock fittings to be installed in wellhead piping
Have pressure gauges, thermometers, and sample ports been installed on the SVE piping as shown on the drawings?	**Follow up**	**X**			
Have all products been inspected for defects (43 13 13.13, Sec 3.3.1)?	**Follow up**			**X**	
Have all operating mechanisms been checked for proper functioning? (43 13 13.13, Sec 3.1.3)	**Follow up**			**X**	
Has baseline monitoring (ambient weather, soil gas monitoring, and groundwater levels) been completed prior to SVE system start-up (02 62 16, Sec 3.1)?	**Follow up**			**X**	
Have the pre-commissioning checklists been completed prior to SVE start-up? (02 62 16, Sec 3.2.2a)	**Follow up**			**X**	
Have the Functional Performance Tests Checklists been completed? (02 62 16, Sec 3.2.2b)	**Follow up**			**X**	
Receivables					
Material properties sheet					
Manufacturers QC Manual					
QC Certification					
QC Test report					
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
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: 02/01/13

Photo 1: Mobilization and Site Preparation – Clearing loose debris left on the ground during movement of keel blocks

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 1, 2013

Photo 2: Building Foundation Inspection and Restoration – Removing the top 6-inches of soil from previously excavated areas within the foundation of Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 1, 2013

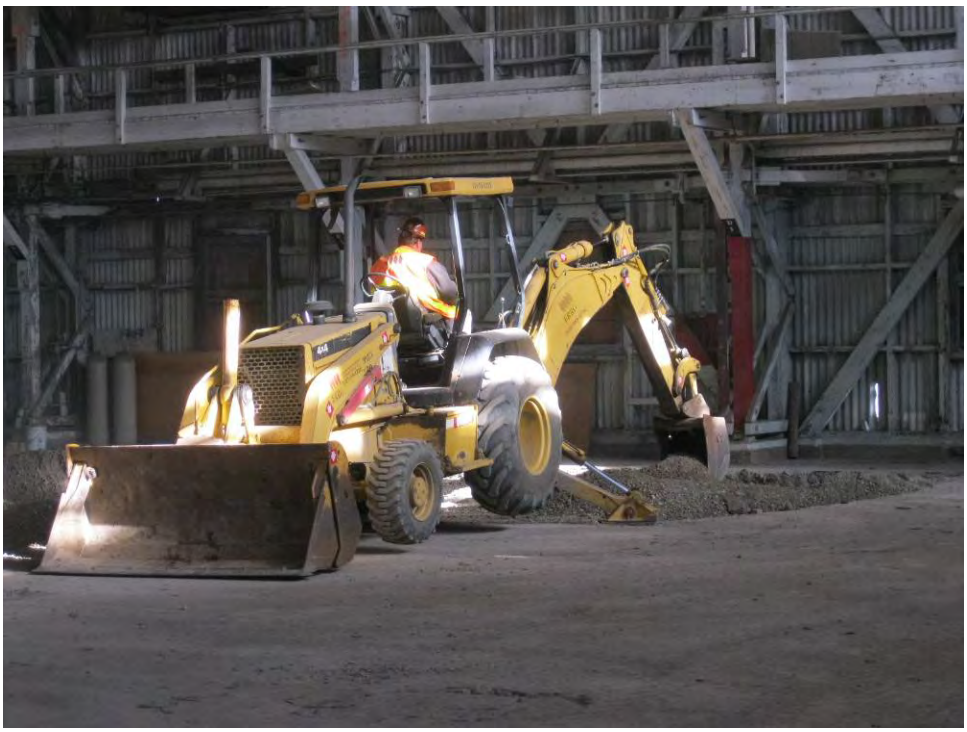


Photo 3: Building Foundation Inspection and Restoration – Removing the top 6-inches of soil from previously excavated area within the foundation of Building 123
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 1, 2013

Photo 4: SVE System Installation – Assembly of butterfly valves and camlock fittings to be installed in the well head piping for the 3 new SVE wells
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 1, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 04/02/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 056

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Pt Cloudy/Cool	60	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03	Conduct tailgate safety meeting, review AHA for building interiors, and mob	ERRG	1	Superintendent	10
	(keel block consolidation).	ERRG	1	Construction Manager	0
		ERRG	1	Project Manager	0
03	Crew continue with floor prep inside building 123, cleaning area in preparation	ERRG	1	QC Manager	10
	for AB and asphalt placement.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
01	Remainder of crew continue working on placing keel blocks in the transformer	ERRG	3	Equipment Operators	24
	room of building 123	ERRG	4	Laborers	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	104
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7298.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7402.5

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 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	4
01	ERRG	JLG Skytrak 8K reach forklift	8
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	8

Schedule Activity No.	REMARKS

James Nores 02/04/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 2/4/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CLEAN + REPAIR BLDG. FLOORS, TRANSPORT + STACK KEEL BLOCKS, CLEARING TRUSS, SVG PIPING

SAFETY TOPICS PRESENTED

SAFETY TOPICS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., CHAIN SAW - 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
Raul Rodriguez	ERRG	[signature]
Joney Green	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
King Bailey	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Boni Ponthieu	ERRG	Boni Ponthieu
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]
Scott Behnken	ERRG	[signature]
[illegible]	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

SUB SYSTEM REPAIRS

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

AHA #: 1 MOB (KOOL BLOCKS) 9 BLDG FDN POST ORE 3 CLEANING + GRUBBING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/4/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	2/4/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	2/4/13 0700
Employee(s):		Paul Rodrigues	2/4/13 0700
	Brian Kerr	[signature]	2/4/13 0700
	Toney Green	[signature]	2-4-13 0700
	ENRIQUE MARTINEZ	[signature]	2-4-13 0700
	Kiny Bailey	[signature]	2/4/13 0700
	FERNANDO LOPA	[signature]	2/4/13 0700
	Boris Portillo	Boris Portillo	2-4-13 0700
	Spencer Johnson	[signature]	2/4/13 0700
	Mike Babst	[signature]	2/4/13 0700
	DAVID OHINKEN	[signature]	2/4/13 0700

EPPC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	2/4/13
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:

CLEANING FLOOR & REMOVING EXCAVATED MATERIAL FROM BLDG. 123, IN PREPARATION FOR FLOOR PATCHING.

TRANSPORTING AND STACKING KEEL BLOCKS IN BLDG 123.

INSPECTED SPOIL PILE BMPs.

PREPPING CHAIN SAWS & OBTAINING PPE FOR BRUSH + TREES CUTTING.

EQUIPMENT : EXCAVATOR, 2 FORK LIFTS, WATER TRUCK, SKID LOADER

Signed: _____ Date: 2/4/13

ERRG

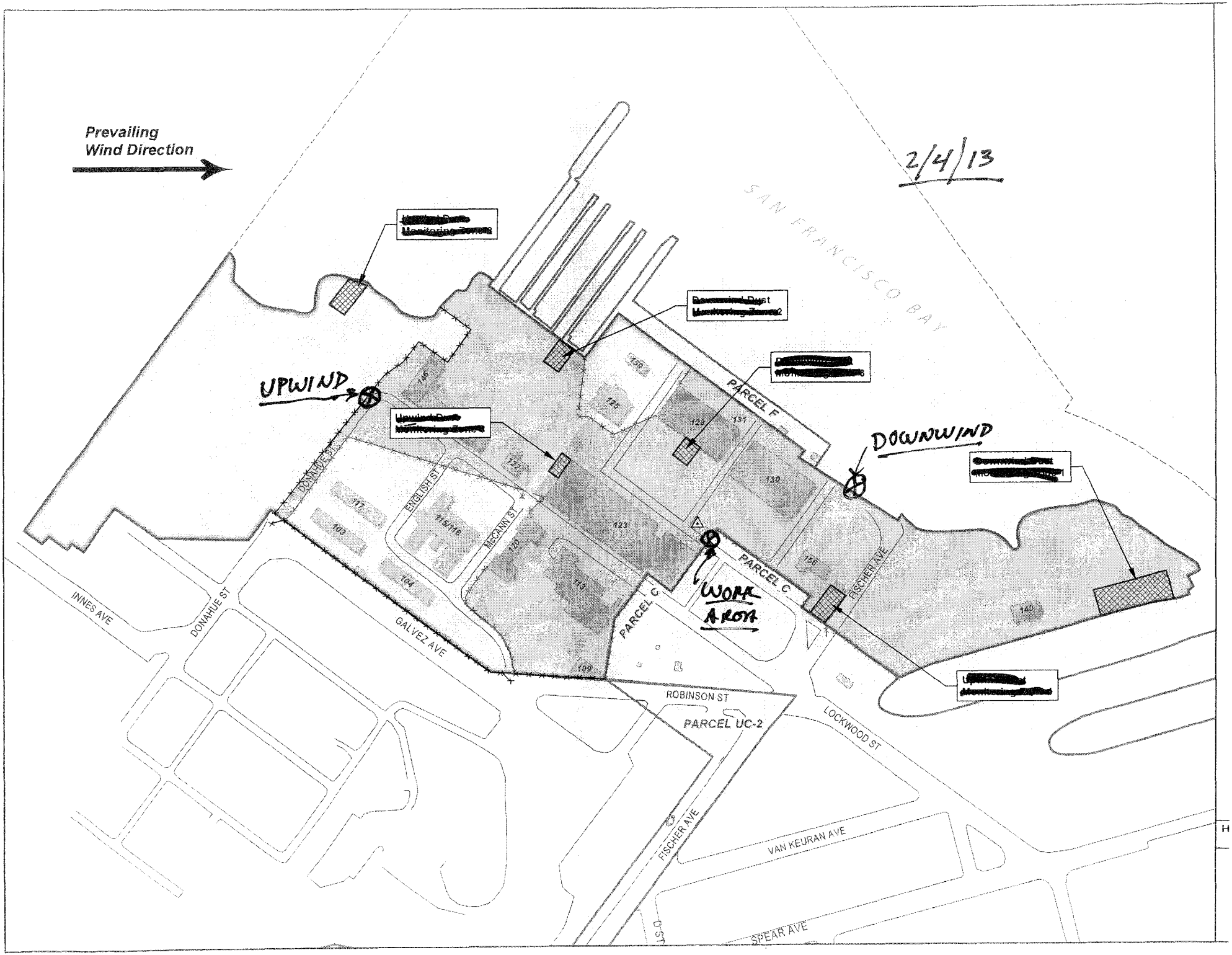
AIR MONITORING LOG SHEET

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 ST. MOTOR # 1161	2/4/13	0913	0.000	0.000	
		1042	0.000	0.001	
		1307	0.001	0.000	
		1448	0.000	0.000	
WORK AREA FENCE BETWEEN AREA B+C B-123 # 1008	2/4/13	0852	0.027	0.025	
		1007	0.024	0.012	
		1051	0.004	0.009	
		1312	0.008	0.007	
		1446	0.017	0.009	
DOWNWIND STATION MOTOR # 10973	2/4/13	0855	0.019	0.019	
		1045	0.014	0.014	
		1310	0.013	0.013	
		1445	0.010	0.014	



Prevailing
Wind Direction
2/4/13
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
104
120
123
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 04/02/13
REPORT NO 056

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 Building 123 transformer room for storage.
03	Continued cleaning the floor slab inside Building 123 (southeast end of the building). Inspected the foundation of Building 123 (southeast end)
	and documented the areas requiring repair. Prepared the subgrade in the two previously excavated areas at the southeast end of Building 123
	to prepare these areas for installation of pavement.
	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

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

02/04/13 — 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

Building Foundation Inspection and Restoration

Date: 02/04/13
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**			
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			Soil was removed to a depth of 6” from the areas to be patched in Building 123
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			Areas to be patched were cleaned and graded

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: 02/04/13

Photo 1: Mobilization and Site Preparation – Keel blocks stacked inside the Building 123 transformer room

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 4, 2013

Photo 2: Building Foundation Inspection and Restoration –Foundation of Building 123 (southeast end) cleaned and prepared for repair of two previously excavated areas

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 4, 2013

Photo 3: Building Foundation Inspection and Restoration – Previously excavated area in the southeast end of Building 123, prepared for installation of durable cover
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 4, 2013

Photo 4: Building Foundation Inspection and Restoration – Previously excavated area in the southeast end of Building 123, prepared for installation of durable cover
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 4, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 05/02/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	057

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Pt Cloudy/Cool	60	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03	Conduct tailgate safety meeting, review AHA for building interiors, and mob	ERRG	1	Superintendent	10
	(keel block consolidation).	ERRG	1	Construction Manager	0
		ERRG	1	Project Manager	0
03	Crew continue with floor prep inside building 123, compact sub-base in the two	ERRG	1	QC Manager	10
	AC areas, place and compact AB.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
03	Begin demo of swimming pool and deck behind building 120, place debris into	ERRG	2	Equipment Operators	4
	construction debris bin.	ERRG	6	Laborers	41
03	QC staff performed preliminary inspection of floor in building 115.				

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	93
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7402.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7495.5

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 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		8 loads (100.07 tons) of Class II AB
03		3 ton double smooth drum roller

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	0
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	2
01	Hertz	JCB Vertical mast 8K forklift	0

Schedule Activity No.	REMARKS
	Weekly QC meeting today with Peter Stroganoff (ROICC), Doug Delong (CSO) and Andy Uehisa (ROICC), ERRG QC staff, H&S and Superintendent.

James Nores 02/05/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 05/02/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 057 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Pt Cloudy/Cool	60	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	3 ton double smooth drum roller	2

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

02/05/13 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 2/5/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CLEANING & DISPOSING BLDG. FLOORS, TRANSPORTING & STACKING FOOT BLOCKS, CLEARING & GRUBBING TREES/VEGETATION, SVE SYSTEM PIPING

SAFETY TOPICS PRESENTED

SAFETY TOPICS STEF, CHAIN SAW USE, BRANCH & STUB IMPALEMENT, EQUIPMENT, BOOMING BLOCKS

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

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	
Javier Rodriguez	ERRG	
Enrique Martinez	ERRG	
Fernando Loza	ERRG	
Toney Green	ERRG	
Spencer Johnson	ERRG	
Greg Bailey	ERRG	
Mike Bybee	ERRG	
	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#1 - MOB (HEEL BLOCKS)
#3 - CLEARING + GRUBBING
#9 BLDG FDN RESTORATION
#15 SVE SYSTEM REPAIRS

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

AHA #:

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/5/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	2/5/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	2/5/13 0700
Employee(s):	Paul Rodriguez	[signature]	2/5/13 0700
	Brian Kerr	[signature]	2/5/13 0700
	ENRIQUE MARTINEZ	[signature]	2-5-13 0700
	Fernando Loza	[signature]	2-5-13 0700
	Toney Green	[signature]	2-5-13 0700
	Spencer Johnson	[signature]	2/5/13 0700
	Mike Babst	[signature]	2/5/13 0700
	King Bradley	[signature]	2-5-13 0700

EPPC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	2/5/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST TO CLEAR	Page:	1 of 1
Site Visitors:	CRISTIN SULLIVAN & CHARLES MARNOLEJO – MARSH (INS. BROKERS), ZACK AMY – BIG TIRE, PETER STROGANOFF, DOUG DE LONG & ANDY VEATIA – US NAVY		

Description of Field Activities:

PREPPING FLOORS; COMPACTING, INSTALLING BASE + COMPACTING BASE.

REMOVING DEBRIS AT BLDG. 120

INSTALLING FLEX HOSES + VALVES ON SVE PIPING.

BACKHOE TIRE REPAIR

INSPECT SPOIL PILES FOR CONDITION & BMP

EQUIPMENT – EXCAVATOR, WATER TRUCK, SKIP LOADER, JUMPING JACK + ROLLER COMPACTOR, END LOADER.

Signed: [signature] Date: 2/5/13

ERRG

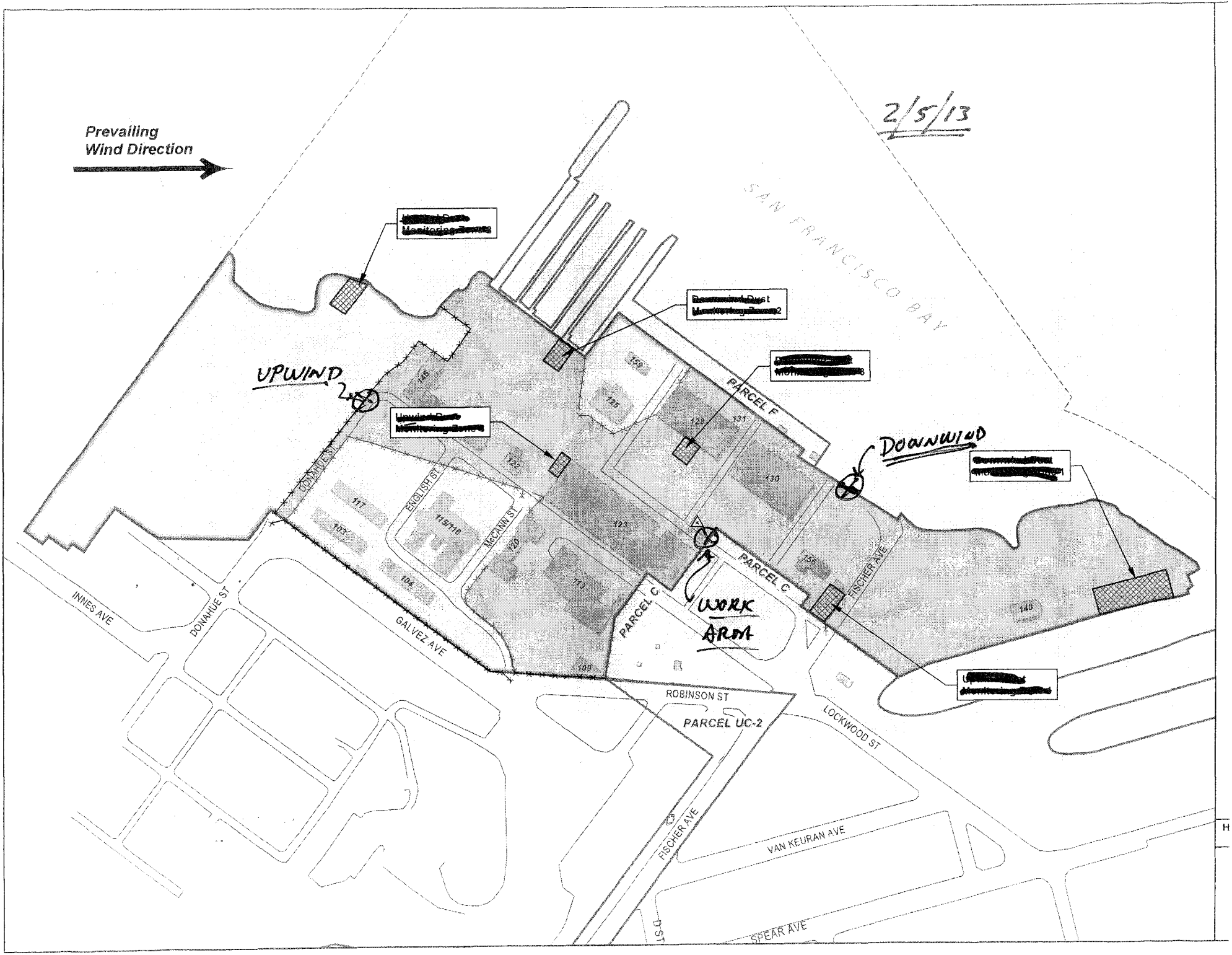
AIR MONITORING LOG SHEET

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 St. Area # 1161	2/5/13	0757	0.000	0.000	
		0840	0.000	0.000	
		1000	0.000	0.000	
		1128	0.000	0.000	
		1230	0.000	0.000	
		1431	0.000	0.000	
WORK AREA Fence between Parcel B-129 & B-123 # 1008	2/5/13	0734	0.000	0.000	
		0845	0.000	0.000	
		1009	0.000	0.000	
		1134	0.004	0.001	
		1237	0.001	0.001	
		1433	0.009	0.006	
DOWNWIND Shoreline Area # 10973	2/5/13	0737	0.008	0.007	
		0847	0.002	0.005	
		1012	0.000	0.002	
		1137	0.001	0.001	
		1240	0.000	0.000	
		1440	0.006	0.001	



2/5/13
Prevailing
Wind Direction
SAN FRANCISCO BAY
UPWIND
DOWNWIND
WORK
AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VAN KEURAN AVE
SPEAR AVE
D ST
INNES AVE
DONAHUE ST
DONAHUE ST
GALVEZ AVE
ENGLISH ST
McCANN ST
146
159
125
128
131
130
122
123
117
103
115/116
120
104
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: 3 Ton Roller Ingersoll Rand Double Smooth drum	Model No.: BW-90 AD-2	Serial No.: 964389

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:

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:** 2/5/13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW 1078

Project Number / Name: HPNS PARKER B **Rental** ☐ **ERRG** ☐

Inspected By / Date:	BJB 1/28/13			BL 1/29/13			BJB 1/30/13			MR 1/31/13			MR 2/1/13			
Daily Hours:	984.8			986.3			987.7			9895			9899			
	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: KUBOTA **Identification Number:** 780117185

Project Number / Name: 4-P **Rental** ☐ **ERRG** ☑

Inspected By / Date:	4-28-13															
Daily Hours:	1135.2															
	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: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 05/02/13

REPORT NO 057

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 a 4-inch think layer of aggregate base course in the two repair areas at the southeast end of the foundation of Building 123. Compacted
	the base course to prepare for paving. Inspected the condition of the foundation inside Building 115 and documented the areas requiring repair
	with photographs and checklists. Started demolishing the deck and and swimming pool on exterior of Building 120 and loading into debris bin.
	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
03	Conducted weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Andrew Uehisa), Navy CSO (Douglas Delong), ERRG QCM
	(Spencer Slominksi), 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

02/05/13 — 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

Building Foundation Inspection and Restoration

Date: 02/05/13
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 4" layer of AB in Bldg 123 repair areas to be paved
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					

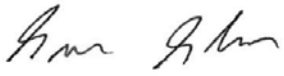
QC Manager: Spencer Slominski 	Date: 02/05/13

Photo 1: Building Foundation Inspection and Restoration – Placing aggregate base course into repair area at the southeast end of the foundation of Building 123
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 5, 2013

Photo 2: Building Foundation Inspection and Restoration –Compaction of aggregate base course in repair area at the southeast end of the foundation of Building 123
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 5, 2013

Photo 3: Building Foundation Inspection and Restoration – Compaction of aggregate base course in repair are at the southeast end of the foundation of Building 123 using a smooth-drum roller

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 5, 2013

Photo 4: Building Foundation Inspection and Restoration – Removing debris from the exterior of Building 120

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 5, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 06/02/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	058

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Mst Sunny/Cool	55	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03	Conduct tailgate safety meeting, review AHA for building interiors, and mob	ERRG	1	Superintendent	10
	(keel block consolidation and tree removal.	ERRG	1	Construction Manager	2
		ERRG	1	Project Manager	0
03	Crew continue with floor prep inside building130, compact sub-base in the AC	ERRG	1	QC Manager	10
	areas, place and compact AB. Place AC and compact in one of the holes in	ERRG	1	H&S Officer	8
	123.	ERRG	2	QC Staff	20
03	Continue demo of deck behind building 120, place debris into	ERRG	3	Equipment Operators	12
	construction debris bin. Begin tree removal from perimeter of building.	ERRG	8	Laborers	52
03	QC staff performed preliminary inspection of floor in building 104 and 117.				

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	114
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7495.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7609.5

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	11.82 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	0
03	ERRG	Freightliner 2000 gallon water truck	0
01	ERRG	JLG Skytrak 8K reach forklift	0
03	ERRG	Ford 2000 gallon water truck	8
03	United Rentals	Jennie manlft	0
01	ERRG	JD 200CLC Excavator	2
01	Hertz	JCB Vertical mast 8K forklift	0

Schedule Activity No.	REMARKS
	1 full construction debris bin (30cy) out, 2 empty bins (30cy) in.

James Nores — CONTRACTOR/SUPERINTENDENT

02/06/13 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 06/02/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 058 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Pt Cloudy/Cool	Mst Sunny/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
	United Rentals	3 ton double smooth drum roller	2

Schedule Activity No.	REMARKS

James Nores 02/06/13

CONTRACTOR/SUPERINTENDENT DATE

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	2/6/13
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:

PREPPED FLOORS FOR PAVING & BEGAN ASPHALT PAVING PATCH IN BLDG 123

REMOVED TREES ADJACENT TO BLDG 120.

PLACED & COMPACTED AB IN BLDG 130.

EQUIPMENT: EXCAVATOR, ACRYAN LIFT, ROLLER, JUMPING JACK, WATER TRUCK, SKIP LOADER, FORKLIFT.

Signed: [signature] Date: 2/6/13

ERRG

RRG

TAILGATE SAFETY MEETING

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

ATE 2/6/13 TIME 0700 PROJECT NUMBER 2012-037

LIENT Department of the Navy

PECIFIC LOCATION Parcel B

YPE OF WORK TRANSPORT & STACK KEEL BLOCKS; REMOVE DEBRIS, CLEAN & REPAIR FLOORS; CUT BRUSH & TREES, ASPHALT PAVING IN BLDGS

SAFETY TOPICS PRESENTED

AFETY TOPICS ST&F, CHAINSAW USE, FALLING LIMBS, BROKEN KEEL BLOCKS, EQUIPMENT

ROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., CHAINSAW PPE - FACE SHIELD, EAR MUFFS, CHAPS

SSUED 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

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

PECIAL EQUIPMENT

IOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Jonny Green	ERRG	[signature]
Jan Rodrigues	[illegible]	[signature]
Enrique Martinez	ERRG	[signature]
Blanker	ERRG	[signature]
B. Watson	ERRG	[signature]
Boris P	ERRG	Boris P
Spencer Johnson	ERRG	[signature]
Mike Bobst	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 #: 1 MOB + SITE PREP (KEEL BLOCKS)
9 BLDG FDN. RESTORATION
3 CLEARING + GRUBBING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/6/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	2/6/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	2/6/13 0700
Employee(s):	King Bailey	[signature]	2-6-13 @ 0700
	Toney Green	[signature]	2-6-13 0700
	Paul Rodriguez	[signature]	2/6/13 0700
	ENRIQUE MARTINEZ	[signature]	2-6-13 0700
	Brian Kerr	[signature]	2-6-13 0700
	B. Lunasco	B. Lunasco	2-6-13 0700
	Boris P	Boris P	2-6-13 0700
	Spencer Johnson	[signature]	2/6/13 0700
	Mike Babski	[signature]	2/6/13 0700

EPPC

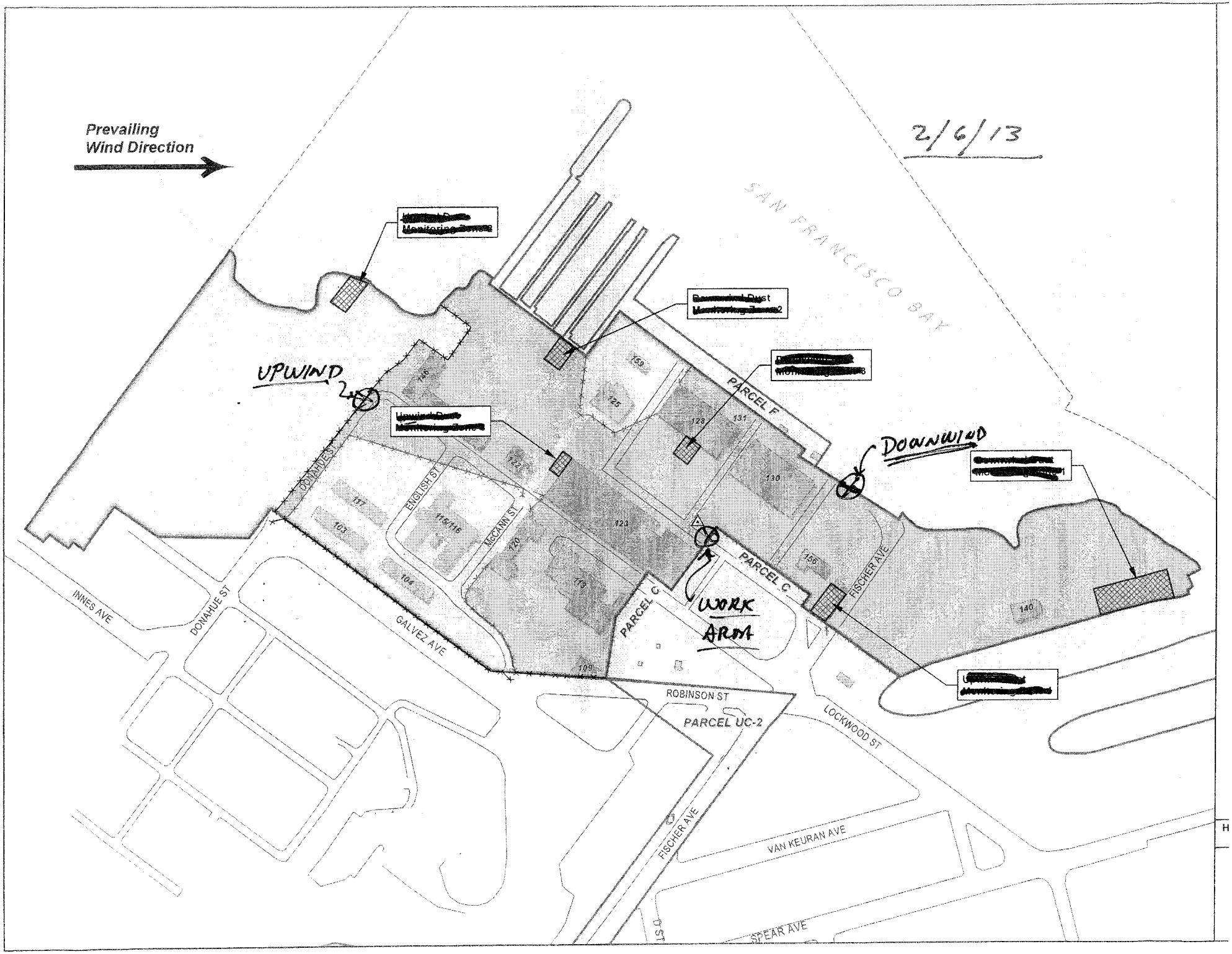
AIR MONITORING LOG SHEET

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 St.	2/6/13	0815	0.007	0.010	
Monitor # 1161		1510	0.011	0.036	
WORK AREA Fence Between	2/6/13	0800	0.044	0.045	
Parcel B+C @ Bldg. 123		0927	0.027	0.031	
Monitor # 1008		1031	0.029	0.029	
		1322	0.029	0.031	
		1512	0.014	0.031	
DOWNWIND Shoreline	2/6/13	0805	0.009	0.012	
Monitor # 10973		0923	0.007	0.007	
		1034	0.010	0.007	
		1325	0.014	0.009	
		1515	0.031	0.010	



Prevailing
Wind Direction
2/6/13
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
115/116
117
103
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/02/13

REPORT NO 058

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 think layer of aggregate base course in the trench and excavation area within the center of the foundation inside
	Building 130. Tested the compaction of the base course placed in the foundation repair areas inside Building 123 and Building 130 using nuclear
	density gauge. Placed asphalt concrete pavement in one foundation repair area at the southeast end of Building 123.
	Inspected the condition of the foundation inside Building 104 and Building 117 and documented the areas requiring repair with photographs and
	checklists. Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
	Continued removing debris from exterior of Building 120, and started removing trees adjacent to Building 120.

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

02/06/13 — 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

Building Foundation Inspection and Restoration

Date: 02/06/13
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			Tested compaction of AB placed in Bldg 123 and Bldg 130 repair areas
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: 02/06/13

ERRG

Engineering/Remediation Resources Group, Inc.
4585 Pacheco Blvd., Suite 200
Martinez, CA 94553
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.: 1
Page 1 of 1

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No. CPN 4C3
Date/Time: 2-6-13	Job No.: 2012037	Project/Location: HPNS	Source Material: Am-241 / Cs-137	Density Std.: 24715 x1 1.05
Inspector: F. LOZA	Project Engineer: SPENCER S.	Other:		Moisture Std: 16950 x1 1.04
Curve No.	Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
	124.2		10.0	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"	134.1	15.1	119.0	12.66	96%	BLD. 130 123	TOP GRADE
2		3"	133.9	16.5	117.4	13.01	95%	BLD 130	TOP GRADE
		Average							

Remarks: _____

Inspector: _____ Reviewed: _____

Photo 1: Building Foundation Inspection and Restoration –Compaction testing the aggregate base course placed in foundation repair area at southeast end of Building 123
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 6, 2013

Photo 2: Building Foundation Inspection and Restoration –Placing asphalt concrete in foundation repair area at the southeast end of Building 123
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 6, 2013

Photo 3: Building Foundation Inspection and Restoration – Compacting the asphalt concrete placed in foundation repair are at the southeast end of Building 123 using a smooth-drum roller

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 6, 2013

Photo 4: Building Foundation Inspection and Restoration – Aggregate base course placed in the trench and previously excavated area in the center of the foundation of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 6, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 07/02/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	059

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Pty cloudy/Cool	55	46

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03	Conduct tailgate safety meeting, review AHA for building interiors, and mob	ERRG	1	Superintendent	10
	(keel block consolidation and tree removal).	ERRG	1	Construction Manager	4
		ERRG	1	Project Manager	0
03	Crew continue with floor prep inside building 130, compact sub-base in the AC	ERRG	1	QC Manager	10
	areas, place and compact AB.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
03	Continue work behind building 120 tree removal on slope, place debris into	ERRG	2	Equipment Operators	12
	construction debris bin.	ERRG	8	Laborers	50

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	114
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7609.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7723.5

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.
03	Bill Troegner ERRG Regional H&S Manager on site to perform safety audit. Took smooth drum roller out of service due to coolant leak- swapped out in the afternoon

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
03		Bomag 3 ton double smooth drum roller

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	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	8
01	Hertz	JCB Vertical mast 8K forklift	0

Schedule Activity No.	REMARKS
	Two ITSI personnel on site to perform survey not related to our contract- we gave them a H&S briefing which outlined our PPE requirements while working along the
	revetment.
	Two construction debris bins filled

James Nores 02/07/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 07/02/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	059 cont.

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Pty 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	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
	United Rentals	Ingersoll Rand 3 ton double smooth drum roller	0
	United Rentals	Bomag 3 ton double smooth drum roller	2
	ERRG	JD 210 Skip Loader	2

Schedule Activity No.	REMARKS

James Nores 02/07/13

CONTRACTOR/SUPERINTENDENT DATE

RRG

TAILGATE SAFETY MEETING

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

ATE 2/7/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

LIENT Department of the Navy

PECIFIC LOCATION Parcel B

YPE OF WORK CLEAN, PREP + REPAIR FLOORS, CUT + REMOVE TREES, TRANSPORT + STACK KEEL BLOCKS

SAFETY TOPICS PRESENTED

AFETY TOPICS STF, TRUCKS, EQUIPMENT, SAW CUTTING, [illegible] LIMBS, BROKEN BLOCKS

ROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., CHAINSAW - CHAPS, FACE SHIELD, EAR MUFFS, ASPHALT - BOOTS

SSUED 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

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	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Fernando Lora	ERRG	[signature]
Boris [illegible]	ERRG	Boris Portillo
B. Lindsey	ERRG	B. [illegible]
Mike Babst	ERRG	[signature]
Spencer Glemingh	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
King Bailey	ERRG	[signature]
William Troegner	ERRG	[signature]
Toney Green	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 + STE CLEARING (KOEL BLOCKS)
3 CLEARING & GRUBBING
9 BLDG. FDN RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/7/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	2/7/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	2/7/13 0700
Employee(s):	Paul Rodriguez	[signature]	2/7/13 0700
	Brian Kerr	[signature]	2/7/13 0700
	ENRIQUE MARTINEZ	[signature]	2-7-13 0700
	FERNANDO LOZA	[signature]	2-7-13 0700
	[signature]	[signature]	2-7-13 0700
	B. Lunasco	B. Lunasco	2-7-13 0700
	Mike Babst	[signature]	2-7-13 0700
	Spencer Johnson	[signature]	2/7/13 0700
	King Bailey	[signature]	2-7-13 0700
	Toney Green	[signature]	2-7-13 0700

RPPC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	2/7/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN TO PARTLY CLOUDY	Page:	1 of 1
Site Visitors:	GAIL JONES & ADITYA THAKUR - ITSI SURVEYORS		

Description of Field Activities:

CLEANING, DOUBLE ROLLOVER & FLOOR REPAIR PUMP IN BLDG. 130 AREA.

INSPECT SPOIL PILES FOR BMP CONDITIONS.

EQUIPMENT: EXCAVATOR, SKIP LOADER, VIBRATING JACK, WATER TRUCK

Signed: _____ Date: 2/7/13

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 St. METER # 1181	2/7/13				
	METERS NOT ACTIVATED DUE TO CURRENT RAIN ON SITE				
WORK AREA FENCE BETWEEN PARCEL B+C # 1008					
DOWNWIND SHORELINE METER # 10973					

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: Roller BOMAG Smooth drum	Model No.: BW 120 AD	Serial No.: 861880181526

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)			

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:

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: James C Allen Date of Inspection: 2/7/13

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/02/13

REPORT NO 059

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 placing and compacting a 4-inch think layer of aggregate base course in the excavation areas within the foundation of Building
	130. Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
	Continued removing debris and cutting trees on the exterior of Building 120.

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
	Two ITSI personnel were on site conducting survey work 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

02/07/13 — 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

Building Foundation Inspection and Restoration

Date: 02/07/13
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 4" layer of AB in repair areas within foundation of Bldg 130
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: 02/07/13

Photo 1: Building Foundation Inspection and Restoration – 4-inch layer of aggregate base course placed in the excavation area within the center of Building 130
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 7, 2013

Photo 2: Building Foundation Inspection and Restoration – 4-inch layer of aggregate base course placed in trench in the center of Building 130
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 7, 2013

Photo 3: Building Foundation Inspection and Restoration – 4-inch layer of aggregate base course placed in trench on the southwest side of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: February 7, 2013

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 08/02/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 060

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Rain/Cold	Mostly Sunny/Cool	54	44

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03	Conduct tailgate safety meeting, review AHA for building interiors, and mob	ERRG	1	Superintendent	10
	(tree removal).	ERRG	1	Construction Manager	0
06	Crew conducting soil vapor sampling	ERRG	1	Project Manager	0
03	Crew continue with floor prep inside building 130, compact sub-base in the AC	ERRG	1	QC Manager	10
	areas, place and compact AB. Crew place AC in the two prepared areas in	ERRG	1	H&S Officer	8
	B123. Place remainder of AC in the prepared areas of B130. Secure the doors	ERRG	2	QC Staff	20
	that were opened to facilitate work. 1 dump truck looping with AB and asphalt.	ERRG	4	Equipment Operators	10
		ERRG	8	Laborers	50
04	Continue work behind building 120 tree removal on slope, place debris into	ERRG	2	Sampling Techs	16
	debris bins. Crew continue with tree removal along Galvez.				

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	7723.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7847.5

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	24 tons 1/2" asphalt
03		51.72 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	0
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
04	ERRG	JD 200CLC Excavator	8
01	Hertz	JCB Vertical mast 8K forklift	0

Schedule Activity No.	REMARKS
03	Filled one construction debris bin today. Two full bins out, two empties in.

James Nores — CONTRACTOR/SUPERINTENDENT

02/08/13 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 08/02/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 060 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Cloudy/Rain/Cold	Mostly Sunny/Cool	54	44

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
	United Rentals	Bomag 3 ton double smooth drum roller	0
	ERRG	JD 210 Skip Loader	2

Schedule Activity No.	REMARKS

James Nores 02/08/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 2/8/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK INSPECT, CLEAR DEBRIS, PREP FLOORS FOR REPAIRS, MAKE REPAIRS, CUT TREES, Asphalt Installation

SAFETY TOPICS PRESENTED

SAFETY TOPICS STMF, EQUIPMENT, PERSONS, CHAIN SAW OPERATION, FALLING TREES

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., CHAINSAW — 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
Greg Bailey	ERRG	
David Rodriguez	ERRG	
B. Ludwig	ERRG	
Taney Green	ERRG	
Fernando Leza	ERRG	
Enrique Martinez	ERRG	
Brian Kerr	ERRG	
Brian Pongratz	ERRG	
Mike Bailey	ERRG	
Spencer Johnson	ERRG	
J. Cerick	ERRG	
Rex Magadia	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 MOB + SITE PREP
3 CLEARING + GRUBBING
9 BLDG. FDN. RESTORATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	2/8/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	2/8/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	2/8/13 0700
Employee(s):	Kim Bailey	[signature]	2-8-13- 0700
	Paul Rodriguez	[signature]	2/8/13 0700
	B. Lunasco	B. Lunasco	2-8-13 0700
	Toney Green	[signature]	2-8-13 0700
	Fernando Loza	[signature]	2-8-13 0700
	ENRIQUE MARTINEZ	[signature]	2-8-13 0700
	Brian Kerr	[signature]	2-8-13 0700
	Boris Portillo	[signature]	2-8-13 0700
	Mike Babst	[signature]	2-8-13 0700
	Spencer Johnson	[signature]	2/8/13 0700
	Rex Magadia	[signature]	2/8/13 0700
	S. Gorsek	[signature]	2/8/13 0700

EPPC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	2/8/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN, CLEARING	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

COMPACTION OF BASE MATERIAL, ASPHALT PATCHING IN BLDG 123 + 130.

CLEARING TREES AT TOP OF SLOPE AND ALONG SIDEWALK NEAR GATE.

SAMPLING ON SVE SYSTEM.

EQUIPMENT: EXCAVATOR, ROLLER, SKID LOADER, JUMPING JACK

Signed: Richard Epp Date: 2/8/13

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 St. METER # 1181					
	Meters not deployed. Rain in AM, ground thoroughly wet and no ground braking activities				
WORK AREA Fence Between Parcel B+C # 1008					
DOWNWIND Shoreline METER # 10973					

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 08/02/13

REPORT NO 060

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 placing and compacting a 4-inch think layer of aggregate base course in the excavation areas within the foundation of Building
	130, and prepared these areas for paving. Placed asphalt concrete in foundation repair area on southeast end of Building 123; started placing
	asphalt concrete in the trench at center of Building 130. Inspected the foundations of Building 125 and Building 128, and documented the areas
	of the foundations requiring repair. Verified that construction activities complied with the Building Foundation Inspection and Restoration checklist.
04	Continued removing surface debris and cutting trees on sloped area of site between Building 120 and Galvez Ave.

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

02/08/13 — 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

Building Foundation Inspection and Restoration

Date: 02/08/13
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**			Patched large excavation areas 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: 02/08/13

Photo 1: Building Foundation Inspection and Restoration – Trench inside Building 130 prepared for paving

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Building Foundation Inspection and Restoration – Placing asphalt concrete in foundation repair area at the southeast end of Building 123

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 3: Building Foundation Inspection and Restoration – Asphalt pavement installed in the two foundation repair areas at the southeast end of Building 123

HPNS Parcel B Remedial Action, San Francisco, California

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/02/13

CONTRACT NO	TITLE AND LOCATION	REPORT NO
N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	061

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

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Mostly Sunny/Cool	60	48

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
01,03	Conduct tailgate safety meeting, review AHA for building interiors, and mob.	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
03	Crew continue with AC placement inside building 130, one 10 wheeler looping	ERRG	1	Project Manager	0
	with asphalt- place and compact into all trench and excavation locations.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
02	Site walk with shoring contractor at the TPH area.	ERRG	2	QC Staff	20
		ERRG	5	Equipment Operators	10
		ERRG	7	Laborers	46

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	108
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	7847.5
TOTAL WORK HOURS FROM START OF CONSTRUCTION	7955.5

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	31.02 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	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

James Nores — CONTRACTOR/SUPERINTENDENT

02/11/13 — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE: 11/02/13

CONTRACT NO: N62473-09-D-2608

TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

REPORT NO: 061 cont.

CONTRACTOR: Engineering/Remediation Resources Group, Inc.

SUPERINTENDENT: James Nores

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Clear/Cold	Mostly Sunny/Cool	60	48

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
03	United Rentals	Bomag 3 ton double smooth drum roller	5
03	ERRG	JD 210 Skip Loader	5

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

02/11/13 — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 2/11/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BLDG. FLOOR REPAIR PREP & PAVING, TREE REMOVAL SVE SYSTEM REWORK

SAFETY TOPICS PRESENTED

SAFETY TOPICS STF, HOT ASPHALT, EQUIPMENT, TRUCKS, CHAIN SAW

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed., CHAIN SAW - CHAPS HEARING PROT., 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
Kurt Bailey	ERRG	
Paul Rockwell	ERRG	
Tony Green	ERRG	
Brian Kerr	ERRG	
Enrique Martinez	ERRG	
Fernando Lopez	ERRG	
Ronnie Jones	ERRG	
Spencer Johnson	ERRG	
Mike Babst	ERRG	
Spencer Slominski	ERRG	
75 ARMY		

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 #: #3 CLEANING + CAULKING
9 BLDG. FDN. RESTORATION
#15 ROOFING SVS SYSTEM

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		2/11/13 0700
Site Safety and Health Officer:	[redacted] R. EPP		2/11/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		2/11/13 0700
Employee(s):			
	Paul Rodriguez		2/11/13 0700
	[illegible]		2-11-13 0760
	Toney Green		2-11-13 0700
	Brian Kerr		2-11-13 0700
	Enrique MARTINEZ		2-11-13 - 0700
	Fernando Lara		2-11-13 0700
	Boris [illegible]		2-11-13 0700
	Mike Bubosh		2-11-13 0700
	Spencer Johnson		2/11/13 0700

EDDC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	2/11/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WARM	Page:	1 of 1
Site Visitors:	POST RUSSOW – VIRTEX		

Description of Field Activities:

SVE SYSTEM EXPANSION PIPING & PURGING.

FLOOR PREP AND ASPHALT PAVING @ BLDG. 128.

EQUIPMENT: SKID LOADER, ROLLER, WATER TRUCK

Signed: Richard Epp Date: 2/11/13

ERRG

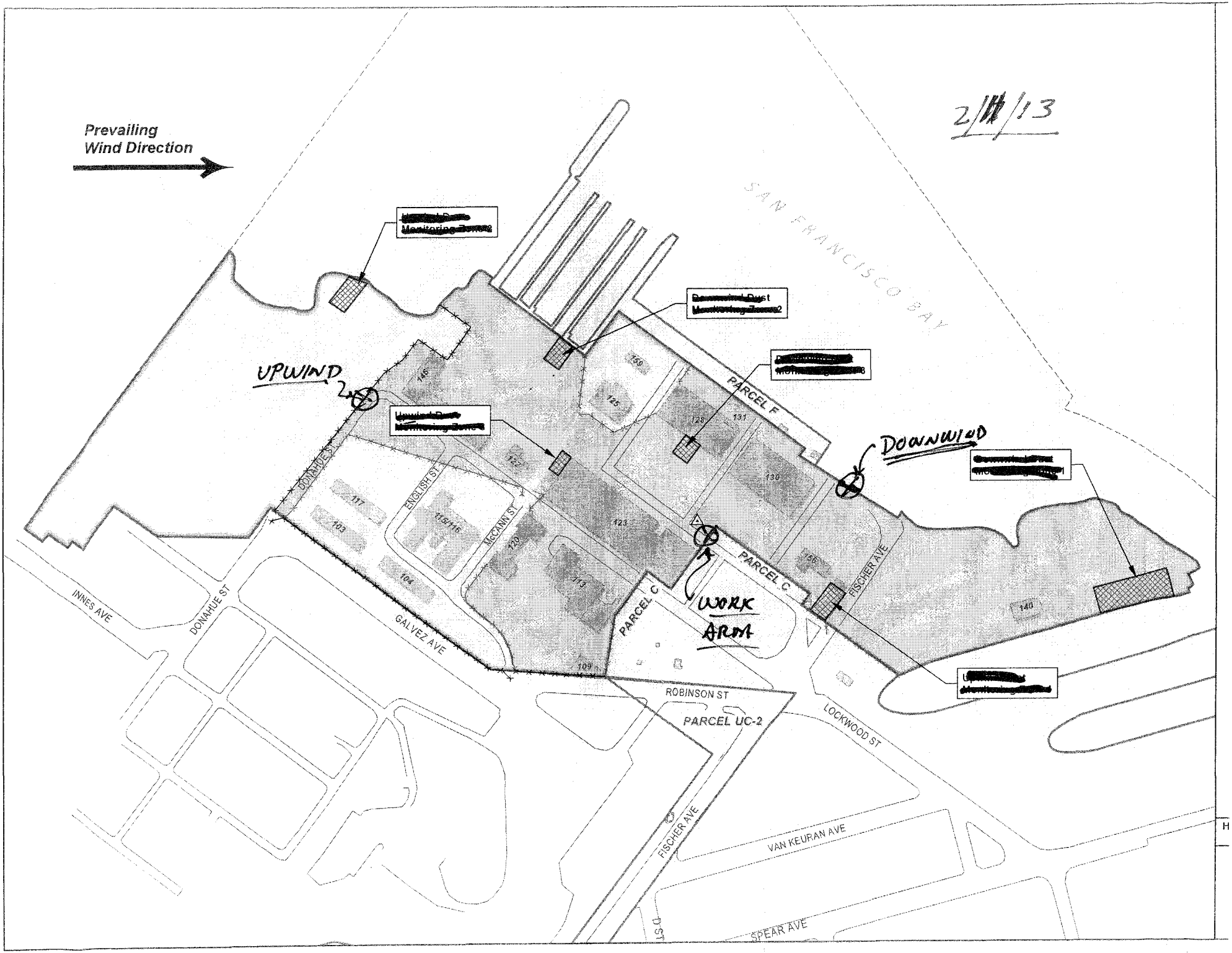
AIR MONITORING LOG SHEET

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 DOWNTOWN ST. METER # 1181	2/11/13	0720	0.025	0.023	
		0931	0.038	0.034	
		1048	0.043	0.035	
		1415	0.044	0.037	
WORK AREA FENCE BOTTOM PARCEL B+C # 1008	2/11/13	0723	0.035	0.040	
		0825	0.032	0.033	
		0934	0.022	0.030	
		1055	0.025	0.028	
		1146	0.028	0.027	
		1422	0.022	0.027	
DOWNWIND SHORELINE METER # 10973	2/11/13	0726	0.02	0.020	
		0830	0.011	0.012	
		0935	0.006	0.009	
		1058	0.005	0.007	
		1153	0.004	0.007	
		1420	0.003	0.005	



Prevailing
Wind Direction
2/[redacted]/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
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
FISCHER AVE
FISCHER AVE
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