DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	5/3/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WARM	Page:	1 of 1
Site Visitors:	SITECH – TOM KING, RICH JOSIN ERRG – TIM WOODSON.		

Description of Field Activities:

EXCAVATING DRAINAGE DITCHES, HAULING SPOIL TO AREA D-1.

SITE CLEANUP, FIXING TEMP. FENCES FOR SITE SECURITY FOR WEEKEND.

CHECKING OUT SVE SYSTEM OPERATION.

INSTALLED SATELLITE ANTENNA, SETTING UP GRADING SYSTEM.

SITE SAFETY VISIT BY TIM WOODSON, ERRG HSE COORDINATOR.

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, SKIP LOADER, 2 WATER TRUCKS, KUBOTA.

Signed: [signature] Date: 5/3/13

ERRG

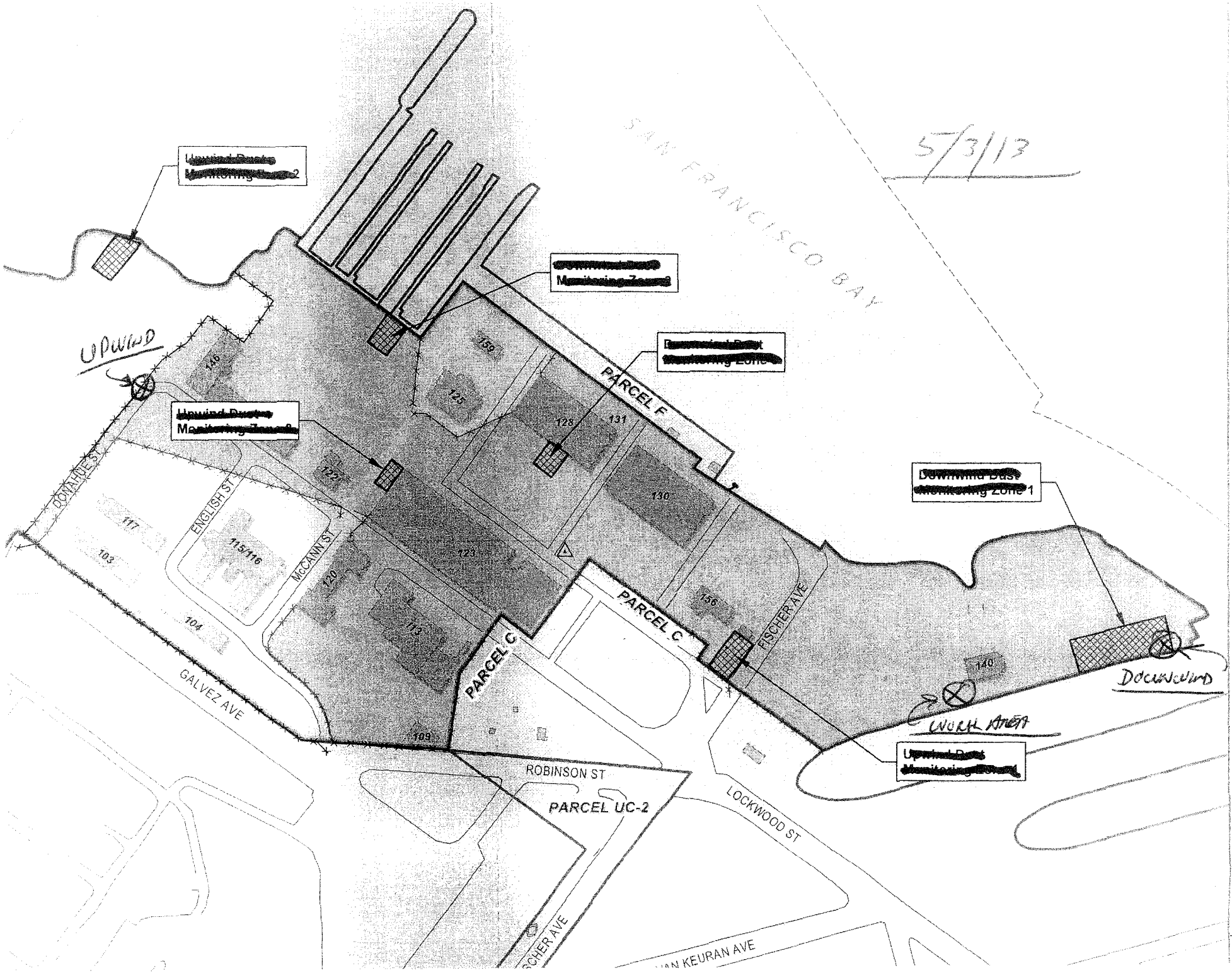
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Project 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 MONITOR # 1161	5/3/13	0724	0.057	0.062	
		0825	0.027	0.032	
		0915	0.021	0.020	
		1015	0.029	0.027	
		1316	0.024	0.023	
		1445	0.010	0.021	
WORK AREA DD#3 @ PUMPHOUSE/MONITOR # 1008	5/3/13	0729	0.007	0.021	
		0818	0.017	0.010	
		0923	0.019	0.009	
		1019	0.034	0.021	
		1321	0.000	0.011	
		1448	0.000	0.010	
DOWNWIND DD#3 @ SHORELINE/MONITOR #10973	5/3/13	0732	0.021	0.033	
		0820	0.016	0.010	
		0926	0.016	0.026	
		1028	0.017	0.021	
		1322	0.011	0.016	
		1450	0.026	0.014	



5/3/13
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
120
113
109
117
103
104
115/116
156
140

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

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: CAT Motor Grader	Model No.: 14H	Serial No.: 14HCASE00495

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: 5/1/13

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

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: CAT Paddle wheel SCRAPER	Model No.: 615C	Serial No.: 615HCR500543

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: 5/1/13

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Cat Haul truck Identification Number: M15788

roject Number / Name: 2012-037 Rental ☒ ERRG ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
				4/30/13 2920.7 BK			5/1/13 2927.6 BK			5/2/13 2934.3 BK			5/3/13 2942.0 BK			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	small slice in driver's side ~~back~~ tire
Tracks	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	Driver's side fender scratched & cracked
Engine belts and hoses	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	~~[illegible]~~
Windows and mirrors unbroken?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	chips on door window
Gauges operative?	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	fuel gauge doesn't work
Battery charged?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

xplain corrective actions taken: Fire ext checked for May.

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 735 - HAUL TRUK Identification Number: M 15884

roject Number / Name: HPNS Rental ☑ ERRG ☐

Inspected By (Initials) And Date:	4-30 3461-1 KI			KI 5-1-13 HOK 3468-1			5-3-13 HR 3474-1									Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓									
Tracks	■		✓	■		✓			✓							
Steps and handgrips	✓			✓			✓									
Guards on moving parts?	✓			✓			✓									
Engine belts and hoses	✓			✓			✓									
Fluid levels acceptable?	✓			✓			✓									
Loading/lifting capacity marked?	✓			✓			✓									
Seat belt operative?	✓			✓			✓									
Fire extinguisher present?	✓			✓			✓									
Windows and mirrors unbroken?		✓			✓			✓								
Gauges operative?	✓			✓			✓									
Battery charged?	✓			✓			✓									
Windshield wipers operative?	✓			✓			✓									
Horn operative?	✓			✓			✓									
Back up alarm operative?	✓			✓			✓									
Lights and signals operative?	✓			✓			✓									
Steering and other controls	✓			✓			✓									
Brakes	✓			✓			✓									

xplain corrective actions taken: RIGHT SIDE MIRROR BROKEN, REAR ~~LEFT~~ TIRE DAMAGED / FRONT RIGHT BUMPER DAMAGE

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Cat 972 Loader **Identification Number:** JN4C 63

Project Number / Name: HPN54 SF **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	4-22-13 4891.5 JR			4-23-13 4899.6			4-24-13 4907.7 JR			4-25-13 4915.7 JR			4-26-13 4923.6 JR			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	cut in side wall
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	Front Left track
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and 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:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: CAT 972 Loader Identification Number: N4C63

roject Number / Name: HPNSY SF Rental ☑ ERRG ☐

Heavy Equipment Defects																
Inspected By (Initials) And Date:	4-29-13 4931.2 JC			4-30-13 4939.2 JC			5-1-13 4944.2 JC			5-2-13 4947.9 JC			5-3-13 4954.9 JC			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	SLIGHT CHIP IN WINDSHIELD
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 350D John Deere Ex. Identification Number: _____

roject Number / Name: 2012-037 Rental ☐ ERRG ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	BP 4/29 2674			BP 4/30 2682			BP 5/1 2688			BP 5/2 2695			5/3 BP 2702			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Tracks	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	

xplain corrective actions taken: ~~Dent~~

Dent on Left Rear Panel

Hey OP - UNITED RENTALS ORDERED NEW TEETH ON 4-30-13 - RICK SANFRANCISCO

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: H20 truck **Identification Number:** 8V94768

roject Number / Name: 2012 637 **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects

Inspected By (Initials) And Date:	4/29/13 PM 2615.3			4/30/13 PM 2621.3			5/1/13 PM 2626.2			5/2/13 2637.3			5/3/13 PM 2638.2			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	back up alarm work when it wants to minor fender and body damage chip on front windshield pump leaks Abs light stays on Light on back left side out
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Lights and signals operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken: 5/2/13 I let tony know about problems with truck:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KUBOTA Identification Number: TW 11078

roject Number / Name: HANS, PARCEL B Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	4/25/13 912.8			4/26/13 9H.8			4/28/13 914.7			4/30/13 919.5			5/1/13 9?2.1		
Heavy Equipment Defects	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Back up alarm operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐

Defect(s):

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KUBOTA **Identification Number:** TW11077

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

Heavy Equipment Defects

Inspected By (Initials) And Date:	R.P. 4-29-13 05959			R.P. 4-30-13 06001			R.P. 5/01/13 06004			R.P. MR 5/2/13 06015			R.P. 5/3/13 06042			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses			✓			✓			✓						✓	
Fluid levels acceptable?	✓ 3/4			✓			✓ 1/2			✓ 1/2			✓ fuel			
Loading/lifting capacity marked?	✓			✓			✓			✓			✓			
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?			✓			✓			✓			✓			✓	
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?	✓						✓			✓			✓			
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?	✓			✓			✓			✓			✓			
Lights and signals operative?	✓			✓			✓			✓			✓			
Steering and other controls	✓		✓			✓			✓			✓			✓	
Brakes	✓			✓			✓			✓			✓			

xplain corrective actions taken:

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 03/05/13

REPORT NO 119

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued loading out large rocks debris, transported the debris to Parcel D-1 and placing in new stockpile area. Performed maintenance of
	truck haul roads, street sweeping, and dust control.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Began excavating drain rock from the existing drainage swales across Parcel B. Installed the base station for GPS grade control system at
	Building 156.
06	Installed secondary containment beneath the SVE blower unit and the knockout water storage tank. Connected the SVE blower to the 2
	activated carbon adsorption vessels in the treatment system. Verified that the 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 — 05/03/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Soil Cover Installation

Date: 05/03/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**Initial**				
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**				No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 05/03/13

SVE System Installation

Date: 05/03/13
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**				
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**				
Have the shop drawings showing the layout of the SVE system been approved? (43 13 13.13, Sec 1.3.1)	**Prep**				
Have the manufacturers' certifications for activated carbon been received? (43 13 13.13, Sec 1.3.3)	**Prep**				
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**			**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**	
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: 05/03/13

Photo 1: Soil Cover Installation – Rocky debris hauled to stockpile area in Parcel D-1
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: May 3, 2013

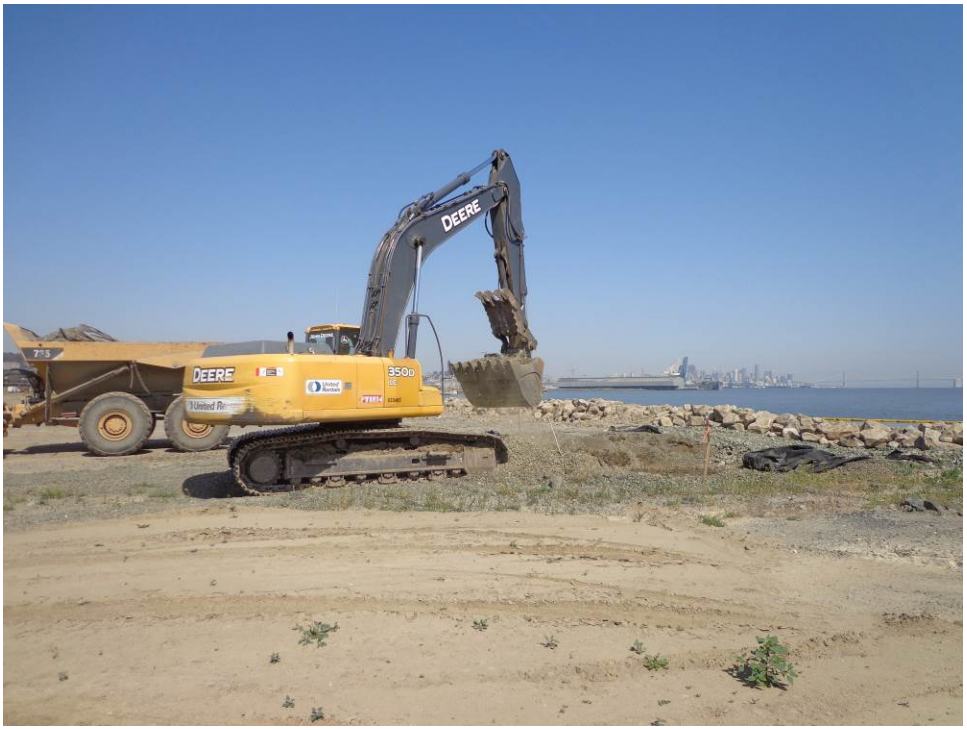
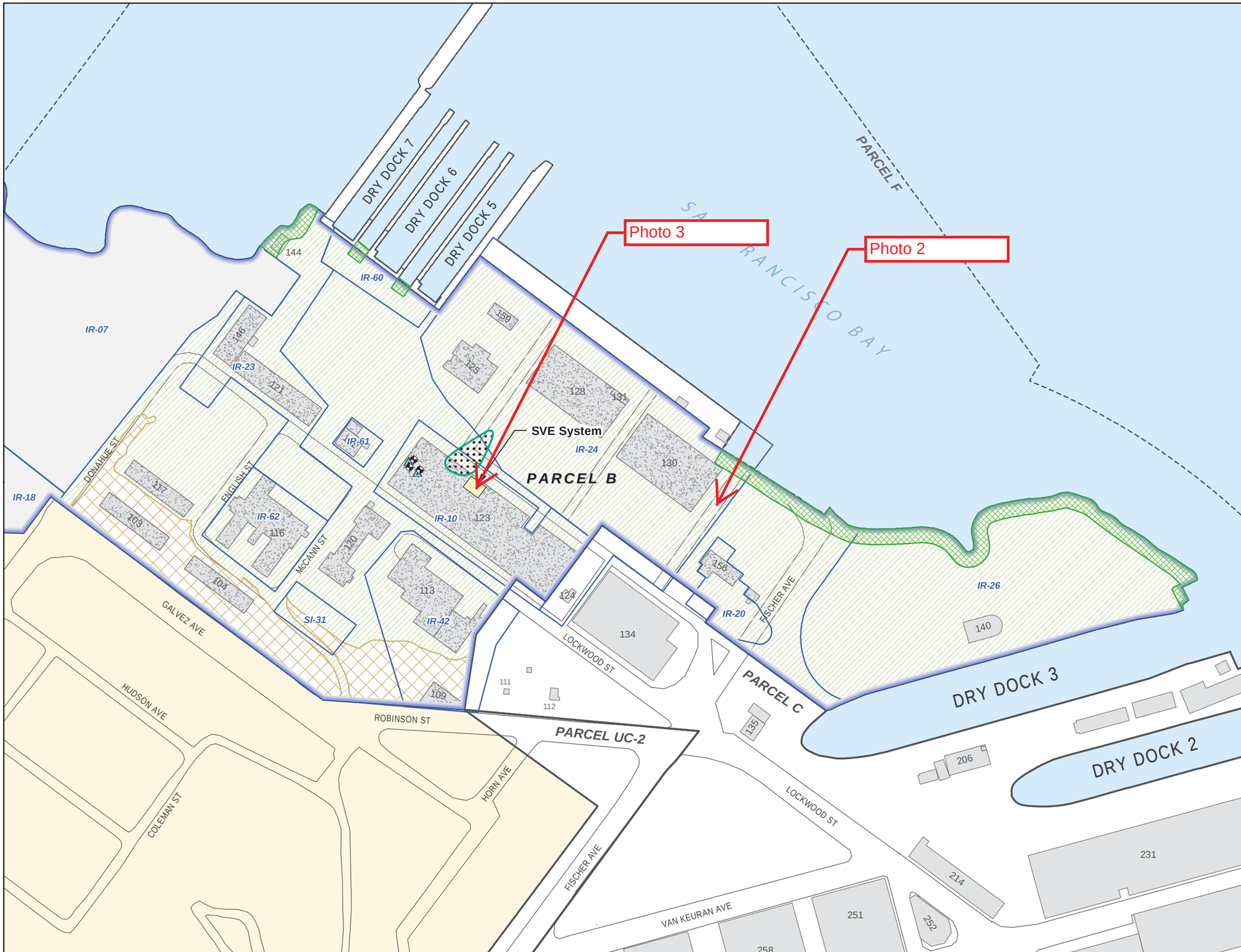


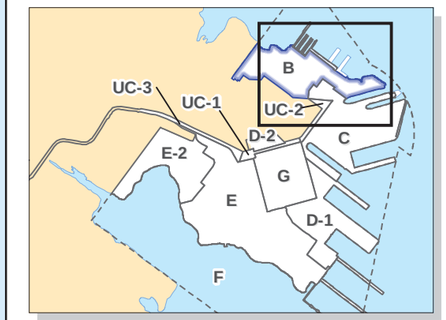
Photo 2: Asphalt Cover Installation – Excavating drain rock from drainage swales on the north side of Parcel B
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: May 3, 2013

Photo 3: SVE System Installation – Activated carbon adsorption vessels connected to the SVE blower unit

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 3, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	120		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Pt Cloudy/Warm
MAX TEMP (F)	64	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew continue with erosion control blanket on slope below building 109	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Crew continue excavating out swales of 3/4" rock and dirt prepping sub grade.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
05	Crew continue grading for subgrade behind building 156,120 and 115/116	ERRG	5	Equipment Operators	29
		ERRG	5	Laborers	35
		ERRG	4	Truck Driver	29

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	141
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	16,045
TOTAL WORK HOURS FROM START OF CONSTRUCTION	16,186

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		Hamm 66" Padfoot compactor

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	2
04	ERRG	Ford 2000 gallon water truck	8
04	United	66" Sheepsfoot Compactor	0
04	ERRG	JD 225 Excavator	0
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
05	39 loads of swale material transported to the D-1 triangle (Haul truck loads ~936cy)

James Nores 05/06/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	120 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Pt Cloudy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
04	ERRG	JD 210 Skip Loader	0
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
05	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 05/06/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/6/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK HAULING COVER MATERIAL TO AREA BOUND 113, GRADING, INSTALL GEO TOPTILIE

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCKS, EQUIPMENT, LIFTING, SUN PROTECTION

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

ISSUED LPO CARDS: ✓ **Yes** ____ **No**

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	
B. Lorenzo	ERRG	
Phil Flanagan	ERRG	
Brian Kerr	ERRG	
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	
Marlon Rivera	ERRG	
Adolfo Madrigal	ERRG	Adolfo M.
Enrique Martinez	ERRG	
Toney Green	ERRG	
Jim Hewian	ERRG	
[illegible]	ERRG	
[illegible]	ERRG	
Spencer Johnson	ERRG	
Mike Babst	ERRG	
Spencer Stennett	ERRG	
Ty Adal	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: #10 SOIL COVER
11 EROSION CONTROL
12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		5/6/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		5/6/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		5/6/13 0700
Employee(s):	Kim Bailey		5-6-13 @ 0700
	R. Lucasino		5-6-13 @ 0700
	Raul Rodriguez		5-6-13 0700
	Brian Kerr		5-6-13 0700
	Marlon Rivera		5-6-13 0700
	Lupe Trujillo		5-6-13 0700
	Rodrigo Pulido		5/6/13 07:00
	Adolfo Madrigal		5-6-13 0700
	Enrique Martinez		5-6-13 0700
	Toney Green		5-6-13 0700
	Jim Aguirre		5-6-13 0700
	F. Lozano		5-6-13 0700
	Boris Paz		5/6/13 0700
	Joe Correch		5/6/13 0700
	Spencer Johnson		5/6/13 0700
	Mike Babst		5/6/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	5/6/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR	Page:	1 of 1
Site Visitors:	JOHN MASSEY – CB+I		

Description of Field Activities:

GRADER BRINGING AREA NORTH OF BLDG 117 DOWN TO GRADE. PADDLE SCRAPER REMOVING WINDROWS.

BULLDOZER BRINGING UP SURFACE ALONG DONAHUE ST AND NORTH OF BLDG. 156.

EXCAVATOR REMOVING DRAIN ROCK + LINERS FROM SURFACE DRAINAGE DITCHES IN SEVERAL LOCATIONS.

ALL EXCAVATED SPOIL HAULED TO AREA D-1.

INSTALLING GEOFABRIC ON HYDROSEEDED AREA SOUTH OF BLDG. 113

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, END LOADER, BULLDOZER, SKIP LOADER, FORKLIFT, PADDLE SCRAPER, GRADER, 2 WATER TRUCKS, 2 KUBOTAS

Signed: [signature] Date: 5/6/13

ERRG

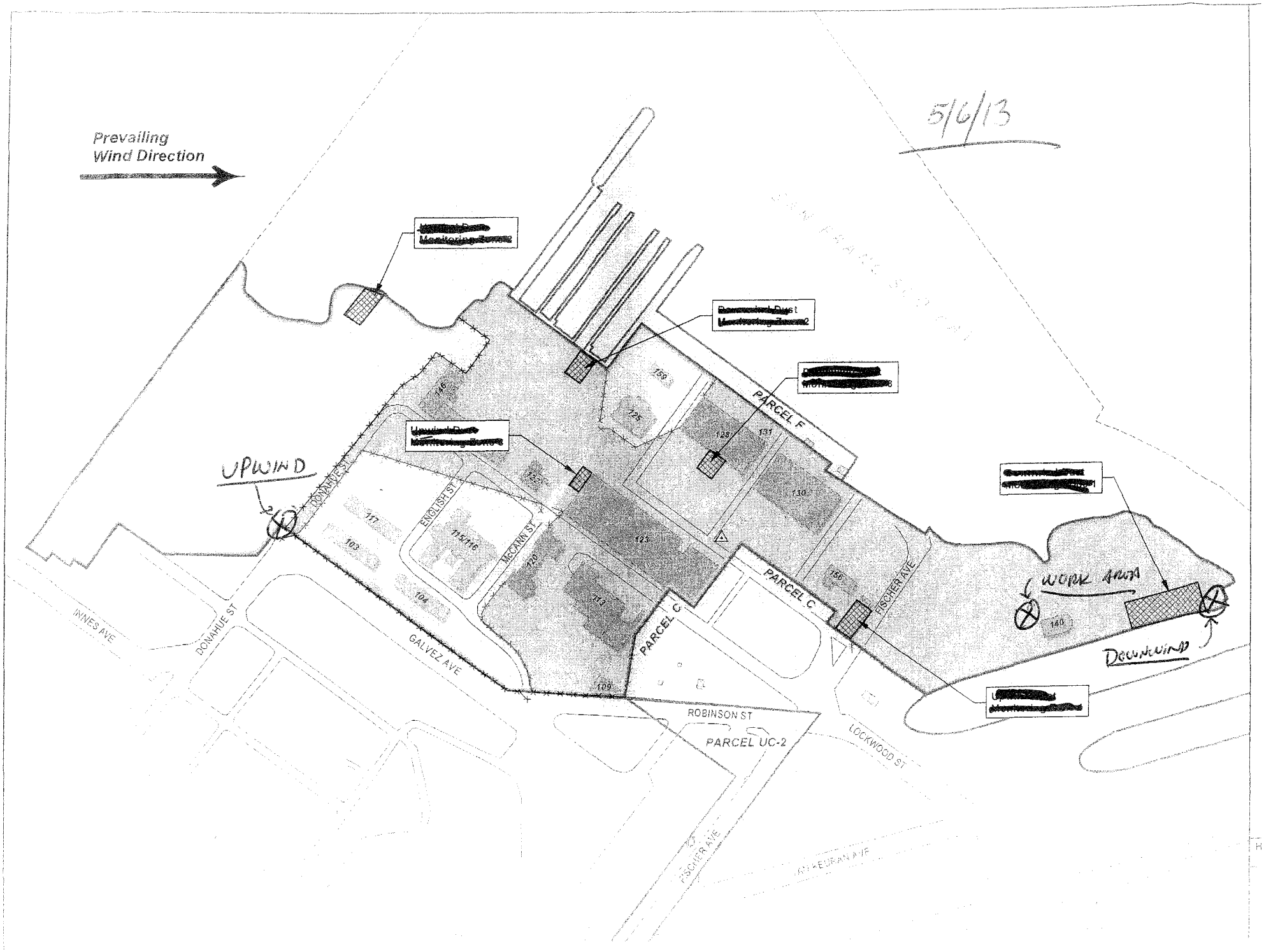
AIR MONITORING LOG SHEET

ERRG

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

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

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Dormitory @ Grove	5/6/13	0730	0.027	0.025	
Meter # 1161		0848	0.025	0.017	
		1040	0.011	0.016	
		1159	0.011	0.015	
		1317	0.015	0.015	
		1455	0.015	0.015	
WORK AREA / NOAL DD#3	5/6/13	0737	0.024	0.017	
Pump House / Meter # 1008		0851	0.000	0.000	
		1045	0.000	0.000	
		1201	0.000	0.000	
		1340	0.006	0.001	
		1458	0.002	0.002	
Downwind / DD # 3	5/6/13	0740	0.009	0.008	
@ Stonewall / Meter # 10773		0853	0.011	0.002	
		1097	0.007	0.005	
		1202	0.004	0.005	
		1342	0.003	0.004	
		1459	0.019	0.002	



5/6/13
Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/05/13

REPORT NO 120

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued installing erosion control blanket and composite turf reinforcement matting (CTRM) over the soil cover area between Building 109 and
	McCann St. Erosion control blanket is being installed on slopes less than 30%, and CTRM is being installed on slopes steeper than than 30%.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Continued excavating drain rock and soil from the existing drainage swales across Parcel B; waste material is being transported to stockpile
	area in Parcel D-1. Began ripping areas of the site covered with degraded asphalt to prepare these areas for grading. Continued rough
	grading to prepare the pavement subgrade over the area north of Buildings 115/116 and adjacent to Building 120 and Building 156.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/06/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Soil Cover Installation

Date: 05/06/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**Initial**				
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 05/06/13

Photo 1: Soil Cover Installation – CTRM installed over the soil cover area northwest of Building 109 (slope steeper than 30%)

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 6, 2013

Photo 2: Soil Cover Installation – Erosion control blanket installed over the soil cover area northwest of Building 109 (slope less than 30%)

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 6, 2013

Photo 3: Asphalt Cover Installation – Ripping area covered with degraded asphalt to prepare the area for grading

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 6, 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: 07/05/13	REPORT NO: 121
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Pt Cloudy/Warm	MAX TEMP (F): 68	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	6
04	Crew continue with erosion control blanket on slope below building 109	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	10
04	Crew loading, hauling, placing and compacting fill material behind building 113	ERRG	1	H&S Officer	8
	excavate toe key-in at new toe location, backfill and compact.	ERRG	2	QC Staff	20
		ERRG	5	Equipment Operators	31
05	Excavate and load out asphalt south of building 130 to get to sub-grade, haul	ERRG	8	Laborers	48
	removed asphalt to the D-1 triangle.	ERRG	4	Truck Driver	25
		ERRG	1	SVE Tech	3

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: 167
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: 16,186
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 16,353
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	2
04	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	0
04	ERRG	JD 225 Excavator	4
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
05	9 loads of removed asphalt transported to the D-1 triangle (Haul truck loads)
04	50 loads of fill material (~1100cy) loaded and moved from Dry Dock 3 to the area behind building 113
04	Weekly CQC Meeting with ROICC and ERRG supervisory and QC staff

James Nores — 05/07/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	121 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Pt Cloudy/Warm
MAX TEMP (F)	68
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	0
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
05	United Rentals	JD 350 Excavator	8
04	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 05/07/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/7/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, HAUL SOIL COVER TO AREA BEHIND BLDG 113, INSTALL GEOFABRIC, SPOIL TO AREA D-1

SAFETY TOPICS PRESENTED

SAFETY TOPICS

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Toney Green	ERRG	[signature]
B. Lukasko	ERRG	B. Lukasko
JEREMY AGUIAR	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
ENRIQUE MARTINEZ	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
F. LOZA	ERRG	[signature]
M. Rivera	ERRG	[signature]
Brian Kerr	ERRG	[signature]
[illegible]	[illegible]	[signature]
Jim Aguiar	ERRG	[signature]
Boris Portillo	" "	Boris Portillo
Spencer Johnson	ERRG	[signature]
Spencer Sloman	ERRG	[signature]
Mike Babel	[illegible]	[signature]
Tiffany Angus	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
JOHN SOVRIAL	ERRG	[illegible]
DAVID BEHNKEN	ERRG	[illegible]
[illegible]	ERRG	[illegible]
Kevin Woodhouse	ERRG	[illegible]
TS Appd	ERRG	[illegible]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: #10 SOIL COVER
#11 EROSION CONTROL
#12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/7/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	5/7/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/7/13 0700
Employee(s):	King Bailey	[signature]	5-7-13 @ 0700
	Toney Green	[signature]	5-7-13 0700
	B. Lunasco	[signature]	5-7-13 @ 0700
	JEREMY AGUIAR	[signature]	5-7-13 0700
	Rodrigo Pulido	Rodrigo	5/7/13 07:00
	Lupe Trujillo	Lupe	5/7/13 07:00
	ENRIQUE MARTINEZ	[signature]	5-7-13 0700
	Marlon Rivera	[signature]	5-7-13 0700
	F. LOZA	[signature]	5-7-13 0700
	Adolfo Madrigal	Adolfo M.	5-7-13 0700
	Brian Kerr	[signature]	5-7-13 0700
	Paul Rodriguez	[signature]	5-7-13 0700
	Jim Aguiar	[signature]	5-7-13 0700
	Boris Pardillo	[signature]	5/7/13 0700
	Spencer Johnson	[signature]	5/7/13 0700
	Mike Bubast	[signature]	5/7/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	5/7/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	PARTLY CLOUDY	Page:	1 of 1
Site Visitors:	USN - PETER STROGANOFF, DOUG DOLONS, SHIRLY NG, ANDY WHEEL		

Description of Field Activities:

LOAD, HAUL & PLACE SOIL COVER BEHIND BLDG. 113, NEXT TO SLOPE. EXCAVATING TOE CUT.

GRADING SITE NEAR DRY DOCK # 3 & ALONG SOUTH BOUNDARY FENCE EAST OF BLDG. 123

INSTALLING GEOFABRIC ON SLOPE BEHIND BLDG. 113

REMOVING ASPHALT FROM AREA TO BE GRADED EAST OF BLDG. 130. HAULING TO AREA D-1.

EQUIPMENT: ~~[illegible]~~ END LOADER, 2 OFF-ROAD DUMP TRUCKS, SKIP LOADER, BULLDOZER, 2 WATER TRUCKS, 2 KUBOTAS, MOTOR GRADER, 2 EXCAVATORS

Signed: [signature] Date: 5/7/13

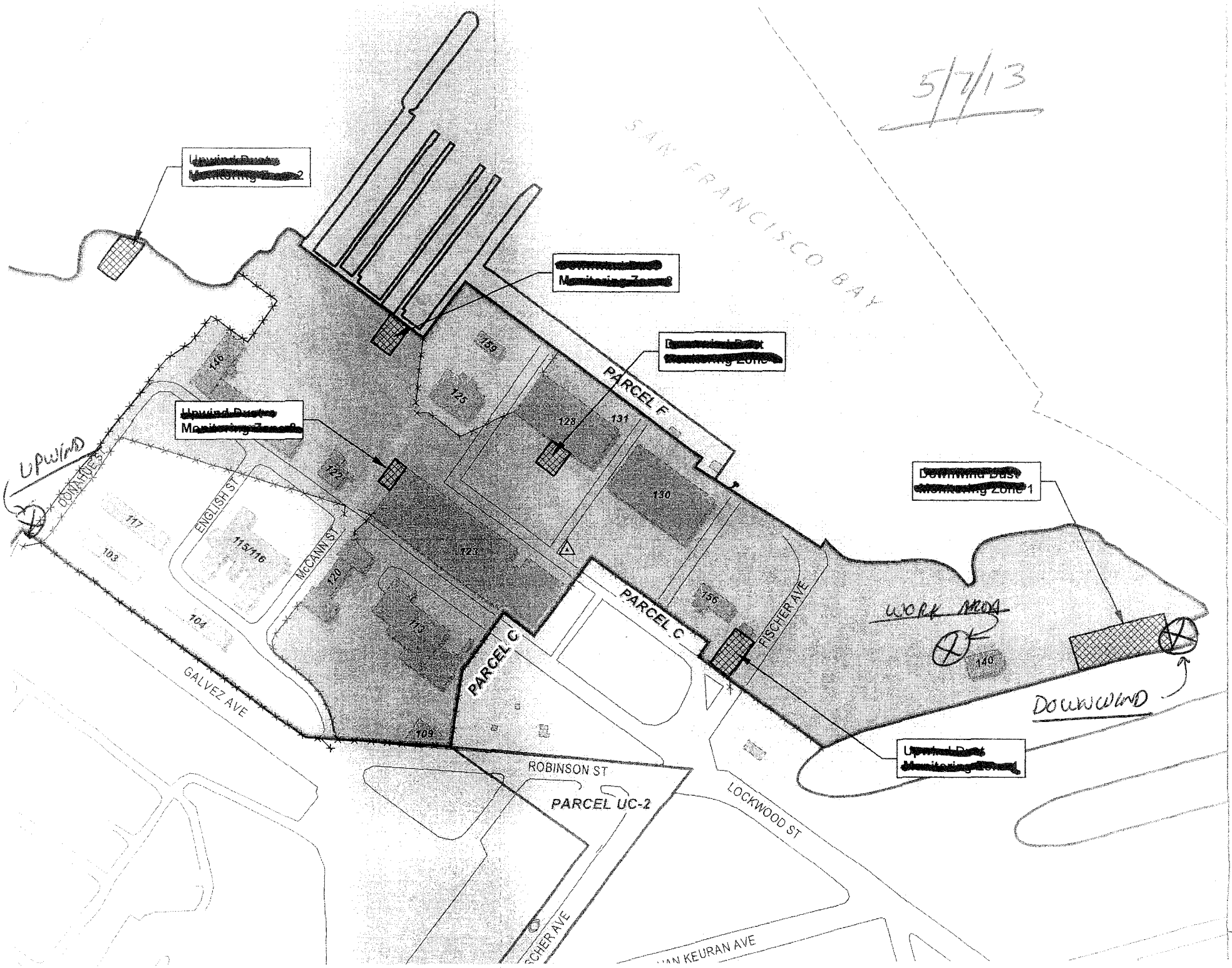
ERRG

AIR MONITORING LOG SHEET

ERRG

[illegible]	Richard Epp	Client:	US Navy
[illegible]	Hunters Point Naval Shipyards	Project No.:	2012-037
[illegible]	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Donahue @ Galvez	5/7/13	0723	0.038	0.041	
Meter # 1161		0820	0.037	0.038	
		0918	0.033	0.036	
		1019	0.048	0.034	
		1130	0.026	0.033	
		1236	0.025	0.032	
		1357	0.026	0.031	
WORK AREA / DD#3	5/7/13	0728	0.044	0.043	
Pump House / Meter # 1008		0826	0.035	0.042	
		0932	0.016	0.028	
		1025	0.014	0.025	
		1132	0.010	0.025	
		1240	0.015	0.022	
		1400	0.011	0.020	
Downwind / DD#3 @	5/7/13	0734	0.003	0.027	
Shoreline / Meter # 10973		0828	0.016	0.003	
		0935	0.006	0.003	
		1030	0.001	0.003	
		1134	0.010	0.003	
		1239	0.007	0.002	
		1402	0.010	0.002	


5/7/13
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
123
120
113
117
103
104
109
156
140
115/116

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/05/13

REPORT NO 121

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued installing erosion control blanket and composite turf reinforcement matting (CTRM) over the soil cover area between Building 109 and
	McCann St. Erosion control blanket is being installed on slopes less than 30%, and CTRM is being installed on slopes steeper than than 30%.
	Began placing clean imported soil over the flat area south of Building 113 to create a 2-foot thick pad for stockpiling riprap and filter rock.
	Excavated a 2-foot deep key trench at the toe of the soil pad and backfilled with clean imported soil.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Continued excavating drain rock and soil from the existing drainage swales across Parcel B; waste material is being transported to stockpile
	area in Parcel D-1. Continued ripping areas of the site covered with degraded asphalt to prepare these areas for grading. Continued rough
	grading to prepare the pavement subgrade over the area north of Buildings 115/116 and adjacent to Building 120 and Building 156.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/07/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Soil Cover Installation

Date: 05/07/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**Initial**				
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**	**X**			
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 05/07/13

Photo 1: Soil Cover Installation – Erosion control blanket and CTRM installed over the soil cover northwest of Building 109

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 7, 2013

Photo 2: Soil Cover Installation – Placement of clean imported soil to create a pad to be used as a temporary stockpile area for riprap and filter rock

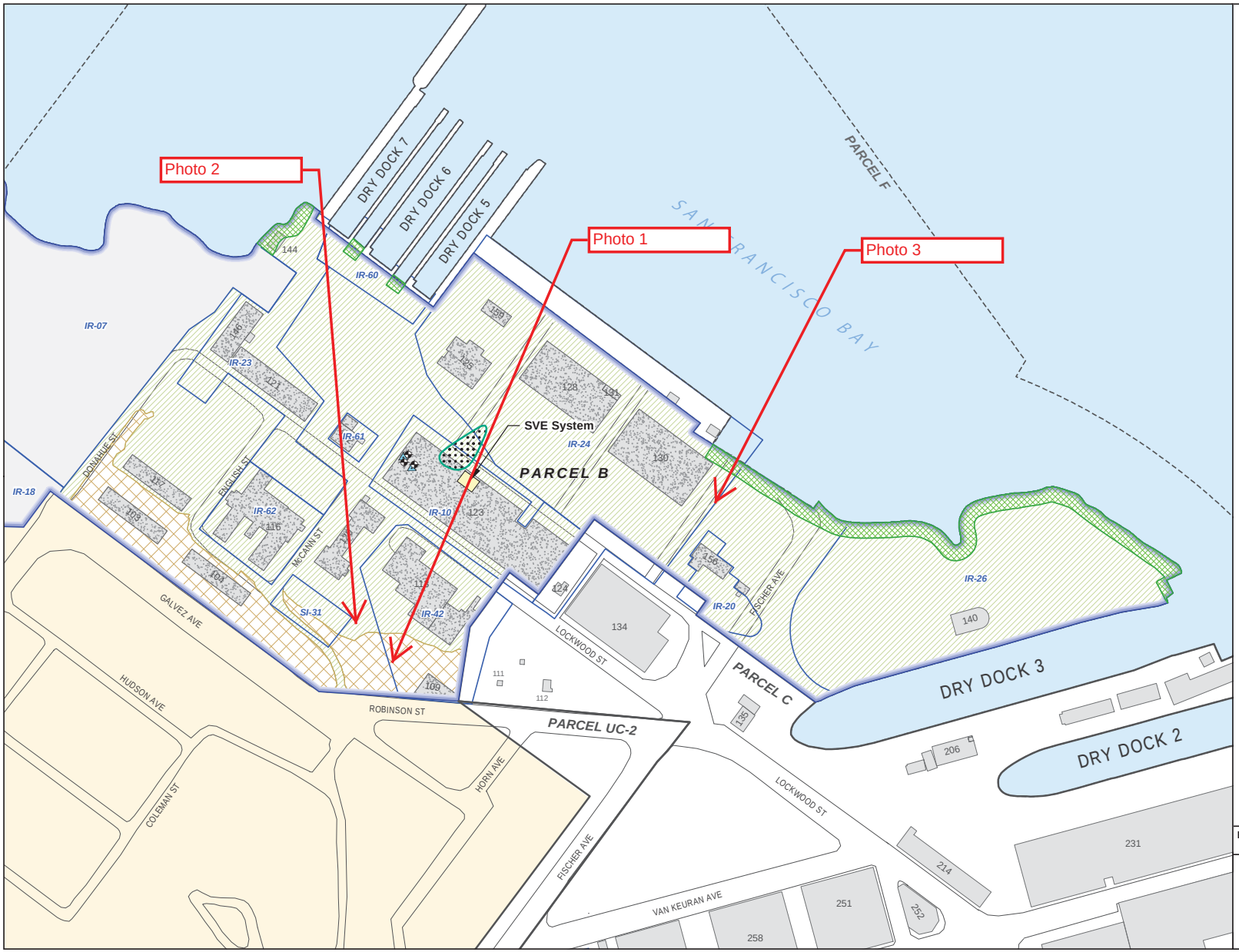
HPNS Parcel B Remedial Action, San Francisco, California

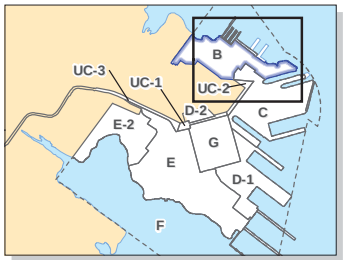
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 7, 2013

Photo 3: Asphalt Cover Installation – Removing the existing asphalt southeast of Building 130 to prepare for grading

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 7, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	08/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	122		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Pt Cloudy/Warm
MAX TEMP (F)	68	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
04	Crew continue with erosion control blanket on slope below building 109	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Continue making sub grade cut south of building 130 east of building 156	ERRG	1	H&S Officer	8
	transport cut material to fill area east of the brick pump house	ERRG	2	QC Staff	20
		ERRG	5	Equipment Operators	34
		ERRG	6	Laborers	46
		ERRG	1	Truck Driver	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	140
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	16,353
TOTAL WORK HOURS FROM START OF CONSTRUCTION	16,493

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
04	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	2
04	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	0
04	ERRG	JD 225 Excavator	4
04	Harris Blade	Cat 735 Haul Truck	0

Schedule Activity No.	REMARKS

James Nores 05/08/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	08/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	122 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Pt Cloudy/Warm
MAX TEMP (F)	68
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	0
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
05	United Rentals	JD 350 Excavator	8
05	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 05/08/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/8/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Install erosion control blanket. / Grading

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRUCK TRAFFIC, STIF, LOOSE FOOTING, LIFTING, HYDRATION

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

ISSUED LPO CARDS: _____ Yes _____ No

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Paul Rodriguez	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Marlon Rivera	ERRG	[signature]
Enrique Rubertino	ERRG	[signature]
F. LOZA	ERRG	[signature]
G. Trujillo	ERRG	G. Trujillo
Rodrigo Pulido	ERRG	Rodrigo
Toney Green	ERRG	[signature]
Mike Babst	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Glomski	ERRG	[signature]

Richard Epp [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: # 10 Soil Cover
11 Erosion control
12 Site Grading

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/8/13 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/8/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Slominski	[signature]	5/8/13 0700
Employee(s):	Paul Rodriguez	[signature]	5/8/13 0700
	Marlon Rivera	[signature]	5/8/13 0700
	Adolfo Madrigal	Adolfo M.	5-8-13 0700
	F. Loza	[signature]	5-8-13 0700
	G. Trujillo	G. Trujillo	5-8-13 0700
	Enrique Martinez	[signature]	5-8-13 0700
	Toney Green	[signature]	5-8-13 0700
	Rodrigo Pulido	Rodrigo	5/8/13 0700
	[signature]	[signature]	5/8/13 0700
	Brian Kero	[signature]	5/8/13 0700
	Mike Babst	[signature]	5/8/13 0700
	Spencer Johnson	[signature]	5/8/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	5/8/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	PARTLY CLOUDY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

SITE GRADING EAST OF BLDG. 123 AREA

REMOVING SURFACE AUBBLES TO AREA D-1

INSTALLING FABRIC OVER HYDROSEED ON SLOPES BEHIND BLDG. 113

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, 2 WATER TRUCKS, 1 LOADER, BULLDOZER, MOTOR GRADER, FORKLIFT, 2 KUBOTAS.

Signed: [signature] Date: 5/8/13

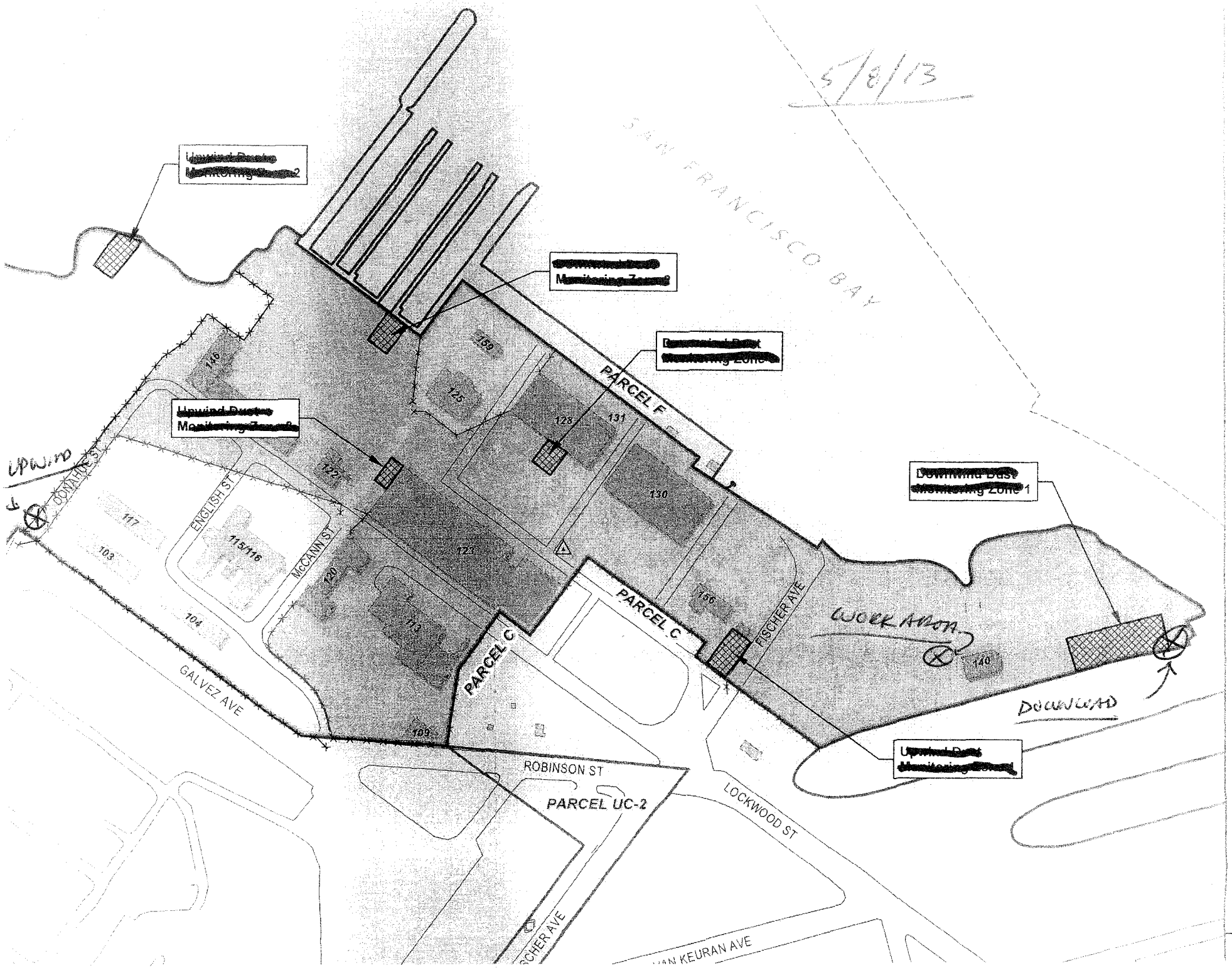
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
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 / Dormitory @ Grove Motel # 1161	5/8/13	0730	0.040	0.025	
		0835	0.019	0.024	
		0933	0.025	0.022	
		1040	0.021	0.022	
		1150	0.014	0.019	
		1320	0.010	0.013	
		1430	0.017	0.016	
		1532	0.013	0.015	
WORK AREA / SAFETY TRAILER @ DD#3 Motel # 1008	5/8/13	0745	0.020	0.023	
		0833	0.007	0.010	
		0935	0.002	0.006	
		1043	0.009	0.010	
		1155	0.013	0.011	
		1325	0.000	0.001	
		1433	0.001	0.003	
		1523	0.000	0.001	
DOWNWIND / DD#3 @ Sheraton Motel #10973	5/8/13	0726	0.075	0.056	
		0825	0.039	0.039	
		0930	0.046	0.042	
		1037	0.038	0.045	
		1120	0.047	0.053	
		1315	0.060	0.054	
		1427	0.059	0.055	
		1454	0.040	0.052	


5/8/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
DOWNWIND
WORK AREA
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
146
159
125
128
131
130
122
123
120
113
109
156
140
117
103
115/116
104

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 08/05/13

REPORT NO 122

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued installing erosion control blanket and composite turf reinforcement matting (CTRM) over the soil cover area between Building 109 and
	McCann St. Erosion control blanket is being installed on slopes less than 30%, and CTRM is being installed on slopes steeper than than 30%.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Performed rough grading of the area southeast of Building 130 to prepare the pavement subgrade; transported material from the cut area to the
	fill area east of Building 140. Continued ripping areas of the site covered with degraded asphalt to prepare these areas for grading.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/08/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Soil Cover Installation

Date: 05/08/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**Initial**				
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 05/08/13

Photo 1: Soil Cover Installation – Installation of CTRM over the soil cover on the slope east of McCann St

HPNS Parcel B Remedial Action, San Francisco, California

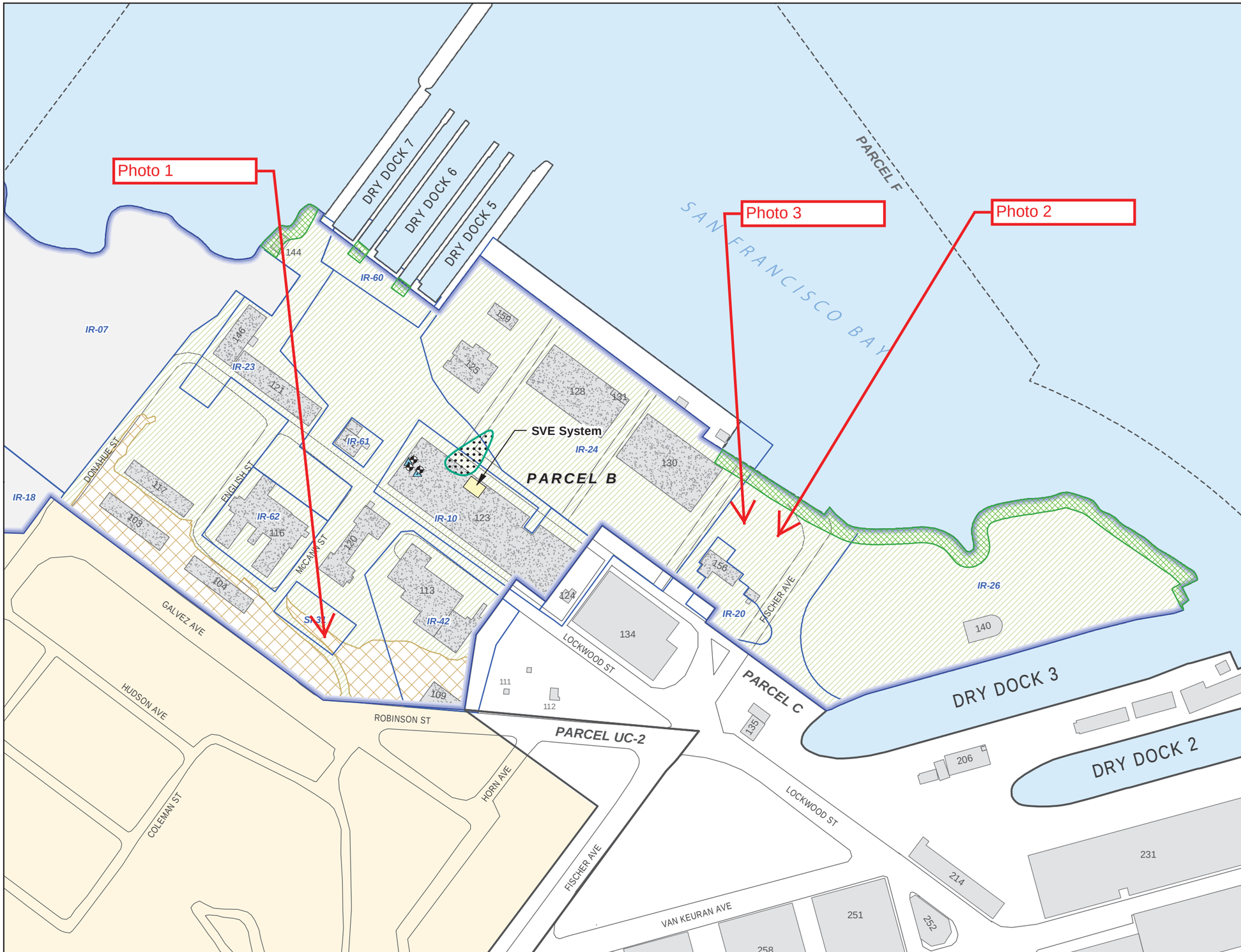
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 8, 2013

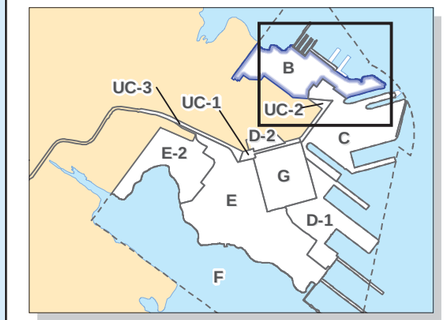
Photo 2: Asphalt Cover Installation – Removing soil from cut area for transport to a fill area

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Mike Babst (ERRG, Inc.) Date: May 8, 2013

Photo 3: Asphalt Cover Installation – Rough grading the area southeast of Building 130
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Mike Babst (ERRG, Inc.) Date: May 8, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 09/05/13	REPORT NO: 123
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Pt Cloudy/Warm	MAX TEMP (F): 68	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Crew finish with erosion control blanket on slope below building 109	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Continue making sub grade cut south of building 130 east of building 156	ERRG	1	H&S Officer	8
	transport cut material to fill area east of the brick pump house	ERRG	2	QC Staff	20
		ERRG	7	Equipment Operators	46
04	Crew moving stockpiled riprap for the TPH area to the stockpile location building	ERRG	7	Laborers	55
	113- off the pave area.	ERRG	2	Truck Driver	12
04	Crew begin the installation of the irrigation system along Galvez				

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: 163
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: 16,493
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 16,656

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
04	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	2
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	0
04	ERRG	JD 225 Excavator	4
04	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS

James Nores — 05/09/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	09/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	123 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Pt Cloudy/Warm
MAX TEMP (F)	68
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	4
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	Harris Blade	Cat 735 haul truck	0
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
05	United Rentals	JD 350 Excavator	8
05	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 05/09/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/9/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK GEOFABRIC on SEEDED SLOPES, SITE GRADING

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRUCKS, LIFTING, HYDRATION, STOP

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M
Marlon Rivera	ERRG	[signature]
Eloza	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Brian Kerr	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Rodrigo Pulsido	ERRG	Rodrigo
Lupe Trujillo	ERRG	LUPE
Spencer Johnson	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Boris Portillo	" " "	Boris Portillo
Mike Babest	ERRG	[signature]
Tomey Green	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
TS 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 #: #10 SOIL COVER
11 EROSION CONTROL
#12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		5/9/13 0700
Site Safety and Health Officer:	[redacted] R. EPP		5/9/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		5/9/13 0700
Employee(s):	Ray Bailey		5.9.13 @ 0700
	Marlon Rivera		5/9/13 0700
	Adolfo Madrigal	Adolfo M.	5-9-13 0700
	F. LOZA		5-9-13 0700
	P. Rodriguez		5-9-13 0700
	Brian Kerr		5-9-13 0700
	JEREMY AGUIAR		5-9-13 0700
	Jim Aguirre		5-9-13 0700
	Rodrigo Pulido	Rodrigo	5-9-13 07:00
	Lupe Trujillo	Lupe	5/9/13 07:00
	Spencer Johnson		5/9/13 0700
	ENRIQUE MARTINEZ		5-9-13 0700
	Boris Pardillo	Boris Pardillo	5/9/13 0700
	Mike Babst		5/9/13 0700
	Torey Green		5-9-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	5/9/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST TO CLEAR	Page:	1 of 1
Site Visitors:	MICHAEL MEIER - ASC-SSU KRIS NIMC, JASON HOCKACHER - ERRG		

Description of Field Activities:

SITE GRADING ON EAST PORTION OF THE SITE.

ADJUSTED PARCEL LINE FENCING BACK INTO PLACE.

INSTALLED GEOFABRIC ON SEEDED SLOPED SURFACES.

REMOVED SURFACE REFUSE + HAULED TO AREA D-1.

MOVING RIP RAP AND DRAIN ROCK TO AREA BEHIND BLDG. 113

EQUIPMENT = 2 EXCAVATORS, BULLDOZER, PADDLE SCRAPER, MOTOR GRADER, 2 WATER TRUCKS, STREET SWEEPER, FORKLIFT, OFF-ROAD DUMP TRUCK, END LOADER, 2 KUBOTAS, SKIP LOADER

Signed: [signature] Date: 5/9/13

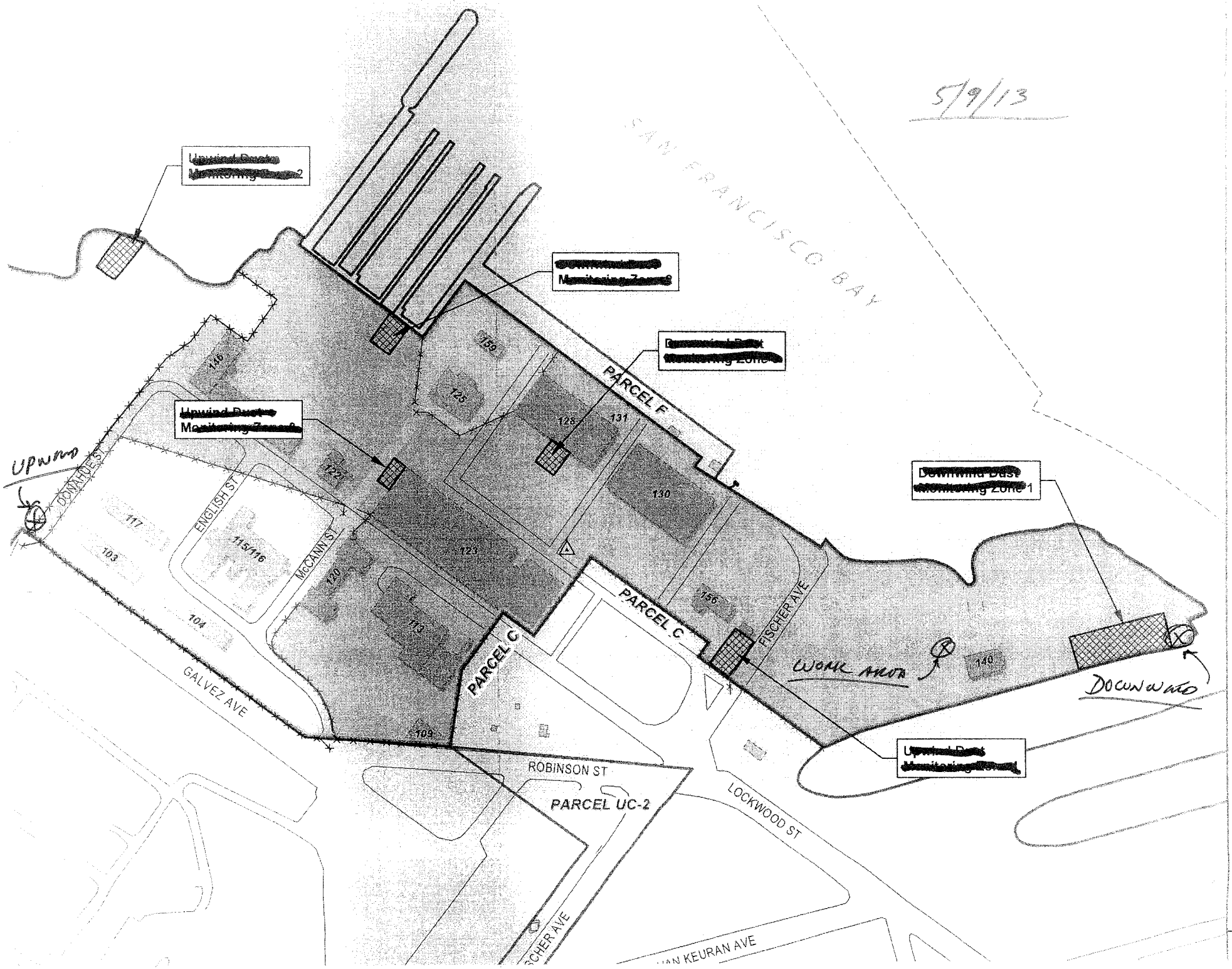
ERRG

AIR MONITORING LOG SHEET

ERRG

[illegible]	Richard Epp	Client:	US Navy
[illegible]	Hunters Point Naval Shipyards	Project No.:	2012-037
[illegible]	Parcel B	Page:	of
[illegible] (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Downwind @ Gower	5/9/13	0755	0.023	0.022	
Motor # 1161		0836	0.024	0.022	
		0946	0.019	0.022	
		1047	0.021	0.021	
		1137	0.019	0.021	
		1314	0.018	0.020	
		1443	0.013	0.020	
WORK AREA / Safety Tank	5/9/13	0758	0.015	0.028	
@DD #3 / Motor # 1008		0844	0.015	0.024	
		0942	0.009	0.013	
		1041	0.009	0.017	
		1140	0.018	0.019	
		1317	0.003	0.018	
		1446	0.010	0.019	
DOWNWIND / DD #3 @	5/9/13	0759	0.032	0.031	
Shoreline / Motor # 10973		0846	0.000	0.008	
		0940	0.000	0.000	
		1043	0.002	0.001	
		1142	0.000	0.000	
		1322	0.010	0.003	
		1448	0.010	0.004	


5/9/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
PARCEL UC-2
LOCKWOOD ST
FISCHER AVE
PARCEL C
PARCEL F
WORK AREA
DOWNWIND
146
159
125
128
131
130
122
123
117
103
115/116
120
113
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 09/05/13

REPORT NO 123

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Finished installing erosion control blanket and composite turf reinforcement matting (CTRM) over the soil cover area between Building 109 and
	McCann St. Erosion control blanket is being installed on slopes less than 30%, and CTRM is being installed on slopes steeper than than 30%.
	Started moving riprap and filter rock stockpiles onto the soil pad south of Building 113 for storage. Began installing irrigation system for the soil cover
	adjacent to Donahue St and Galvez Ave. Verified that the activities complied with the Soil Cover Installation checklist.
05	Performed rough grading of the area southeast of Building 130 to prepare the pavement subgrade; transported material from the cut area to the
	fill area east of Building 140. Continued ripping areas of the site covered with degraded asphalt to prepare these areas for grading.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/09/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Soil Cover Installation

Date: 05/09/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**Initial**				
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials (31 00 00 Earthwork, Section 2.1)?	**Follow up**	**X**			Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**	**X**			
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 05/09/13

Photo 1: Soil Cover Installation – Erosion control blanket and CTRM installed on the soil cover between McCann St and Building 109

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 9, 2013

Photo 2: Soil Cover Installation – Stockpiling filter rock on top of the soil pad constructed on the south side of Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 9, 2013

Photo 3: Asphalt Cover Installation – Removing soil from cut area southeast of Building 130

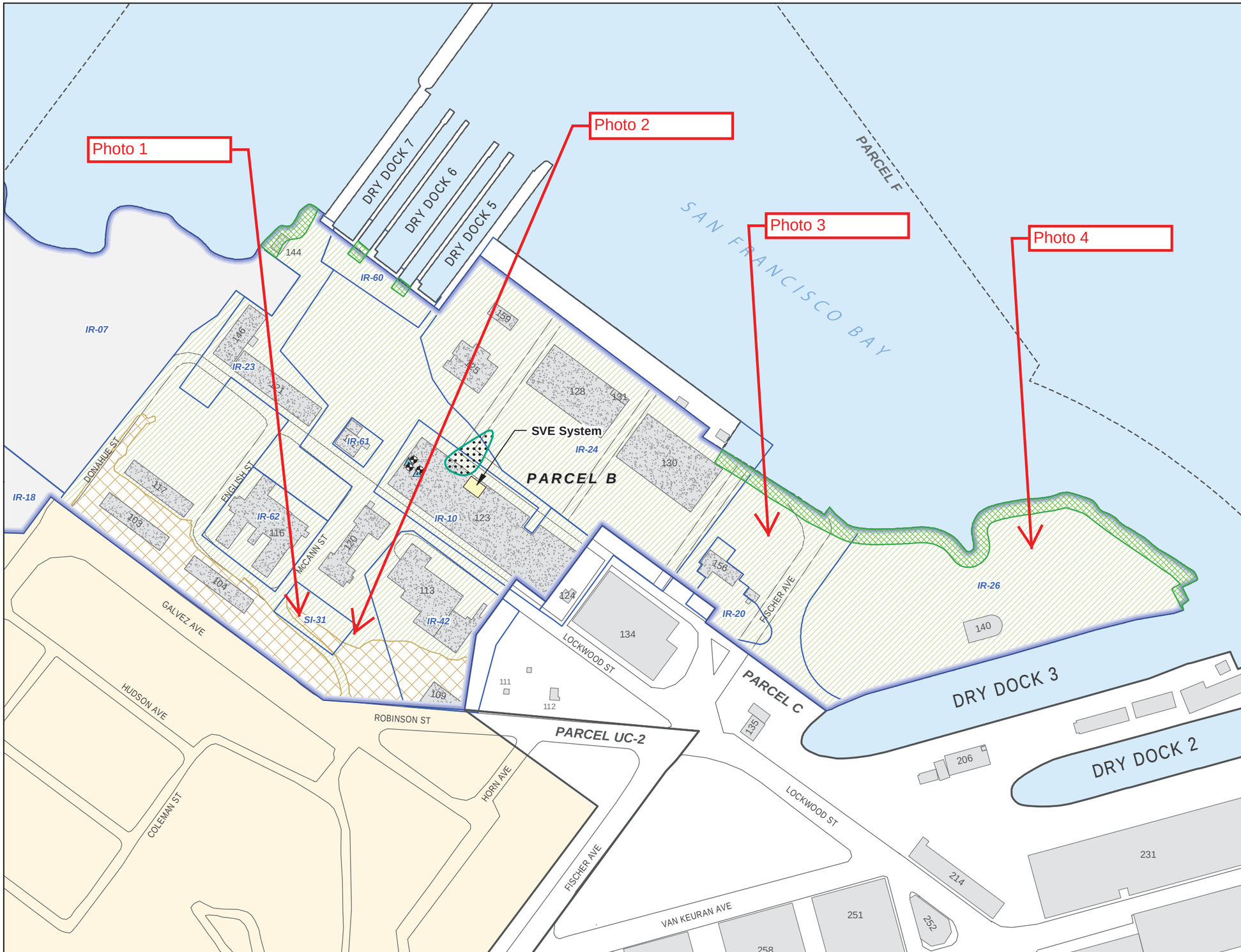
HPNS Parcel B Remedial Action, San Francisco, California

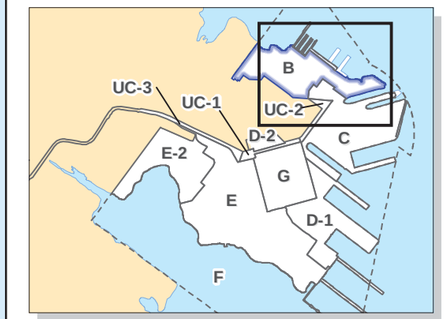
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 9, 2013

Photo 4: Asphalt Cover Installation – Grading the fill area northeast of Building 140

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 9, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 10/05/13	REPORT NO: 124
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Pt Cloudy/Warm	MAX TEMP (F): 68	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
04	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Crew working on cleaning around perimeter of buildings- veg/debris removal	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Continue making sub grade cut east of building 130 east of building 156	ERRG	1	H&S Officer	8
	transport cut material to fill area east of the brick pump house	ERRG	2	QC Staff	20
		ERRG	5	Equipment Operators	40
04	Crew finish moving stockpiled riprap for the TPH area to the stockpile location	ERRG	5	Laborers	40
	113- off the pave area. Move fill stockpile for D-1 Hotspots to the D-1 Triangle	ERRG	3	Truck Driver	24
04	Crew continue the installation of the irrigation system along Galvez				

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 152
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 16,656
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 16,808

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
03	Tailgate safety briefing, AHA review for excavation/backfill and Load out, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
04	ERRG	70KW Generators (2 ea)	24
04	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
04	ERRG	JLG Skytrak 8K reach forklift	0
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	0
05	ERRG	JD 225 Excavator	4
04	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS

James Nores — 05/10/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	10/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	124 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Pt Cloudy/Warm
MAX TEMP (F)	68
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
04	Harris Blade	Cat 735 haul truck	8
04	JS Cole	Cat 972 Loader	8
04	Harris Blade	Top Gun Street Sweeper	4
05	United Rentals	JD 350 Excavator	4
05	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores 05/10/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/10/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, MOVING SOIL COVER TO D-1, RIP RAP TO BOUND BLDG 1&3.

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRUCK TRAFFIC, ST&F, TONANTS,

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
Enrique Martinez	ERRG	[signature]
G. Trujillo	ERRG	G Trujillo
Brian Kerr	ERRG	[signature]
Paul Rodriguez	[illegible]	[signature]
Jeremy Aguiar	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Marlon Rivera	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Jim Aguiar	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Taney Green	ERRG	[signature]
F. Loza	ERRG	[signature]
Boris Portillo	" " "	[signature]
Mike Babst	ERRG	[signature]
Spencer Slominski	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 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 10 SOIL COVER 12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/10/13 @0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/10/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/10/13 0700
Employee(s):	ENRIQUE MARTINEZ	[signature]	5-10-13 0700
	SADAKUPET	G TRUJILLO	5 10 - 13 0700
	Brian Kerr	[signature]	5-10-13 0700
	Paul Rodriguez	[signature]	5-10-13 0700
	JEREMY AGUIAR	[signature]	5-10-13 0700
	Rodrigo Pulido	Rodrigo	5-10-13 07:00
	Adolfo Madrigal	Adolfo M.	5-10-13 0700
	Marlon Rivera	[signature]	5-10-14 0700
	Jim Aguiar	[signature]	5-10-13 0700
	Spencer Johnson	[signature]	5/10/13 0700
	Tony Green	[signature]	5-10-13 700
	F. LOZA	[signature]	5-10-13 0700
	[signature]	[signature]	5/10/13 0700
	Mike Babst	[signature]	5/10/13 0700

EPPC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	5/10/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG/MIST AM - OVERCAST	Page:	1 of 1
Site Visitors:	GRANT FUJIMOTO - HARRIS BLADE		

Description of Field Activities:

SITE GRADING, REMOVING VEGITATION AROUND BLDGS, PULLING RR TRACKS AS NECESSARY.

HAULED RIPRAP TO STORAGE AREA SOUTH OF BLDG. 113

HAULED REMAINING SOIL COVER TO STORAGE AT AREA D-1

INSTALLING PIPING SYSTEM TO WATER HYDROSEEDED SLOPES

HAULING SURFACE DEBRIS TO AREA D-1.

EQUIPMENT: EXCAVATOR, END LOADER, 2 OFF-ROAD DUMP TRUCKS, BULLDOZER, MOTOR GRADER, PADDLE SCRAPER, SKIP LOADER, WATER TRUCK, 2 KUBOTAS.

Signed: [signature] Date: 5/10/12

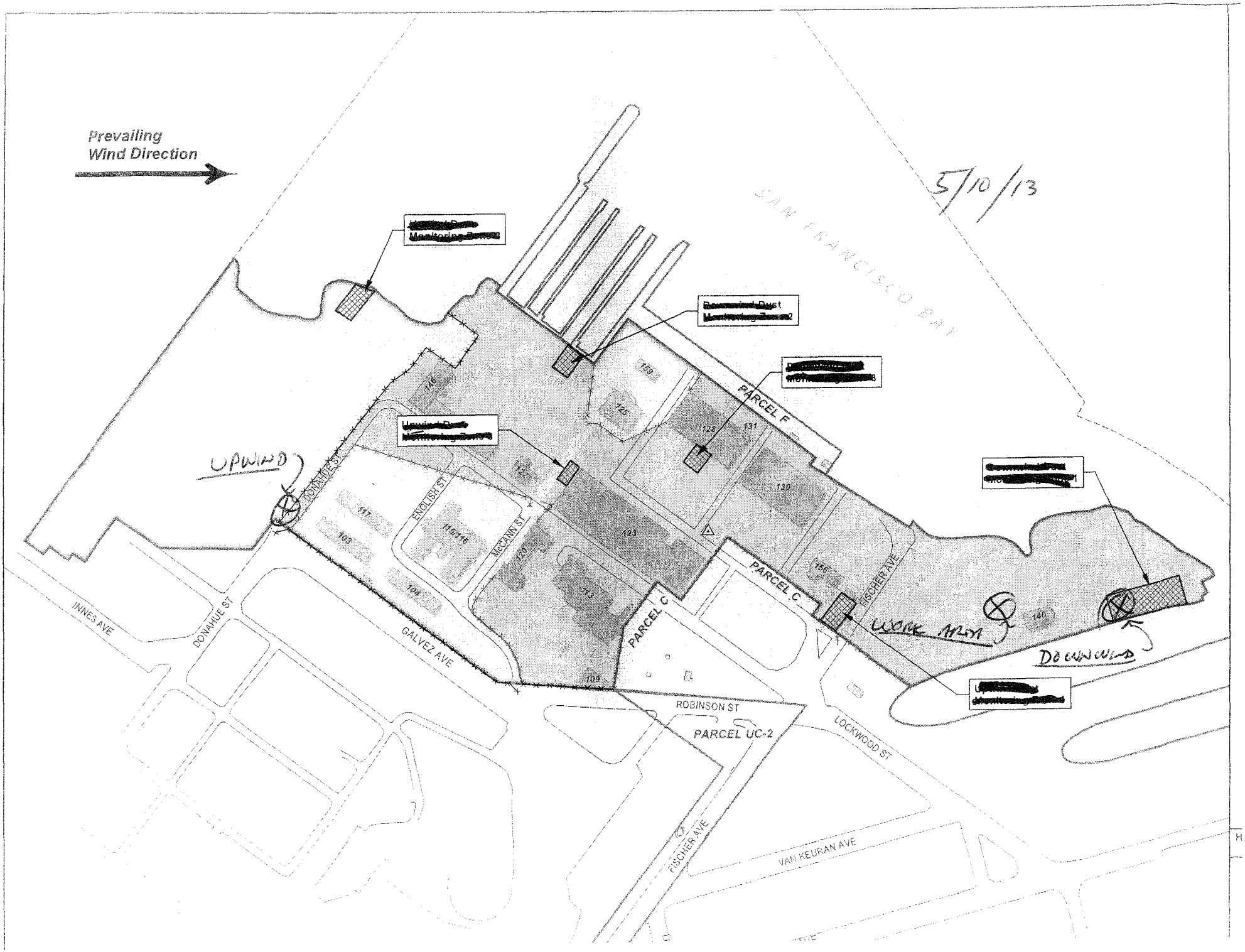
ERRG

AIR MONITORING LOG SHEET

ERRG

Richard Epp		Client:	US Navy
Hunters Point Naval Shipyards		Project No.:	2012-037
Parcel B		Page:	1 of 1
(Date and Time):	5/1/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Downwind @ Gate Monitor # 1161	5/10/13	1023	0.026	0.033	LATE START, MORNING FOG/MIST
		1118	0.022	0.025	
		1300	0.022	0.023	
		1401	0.020	0.023	
WORK AREA / PUMPHOUSE @ DD # 3 / Monitor # 1008	5/10/13	1027	0.011	0.030	MORNING FOG/MIST
		1130	0.008	0.011	
		1304	0.016	0.010	
		1405	0.010	0.022	
DOWNWIND / DD #3 Monitor # 10723	5/10/13	1030	0.011	0.010	MORNING FOG/MIST
		1131	0.000	0.000	
		1305	0.019	0.001	
		1407	0.014	0.016	



Prevailing
Wind Direction
5/10/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DONAHUE ST
ENGLISH ST
McCANN ST
INNES AVE
GALVEZ AVE
ROBINSON ST
PARCEL UC-2
PARCEL C
PARCEL F
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
WORK AREA
DOWNWIND
146
159
125
128
131
130
122
123
117
103
115/116
120
113
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 10/05/13

REPORT NO 124

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Finished moving riprap and filter rock stockpiles onto the soil pad south of Building 113 for storage. Continued installing the irrigation system
	for the soil cover adjacent to Donahue St and Galvez Ave.
	Verified that the activities complied with the Soil Cover Installation checklist.
05	Continued rough grading the area southeast of Building 130 to prepare the pavement subgrade. Transported material from the cut area to the
	fill area east of Building 140, and performed rough grading over the area east of Building 140. Removed vegetation and debris from the
	exterior of building foundations.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/10/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Soil Cover Installation

Date: 05/10/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Have all submittals for erosion control blanket and CTRM been approved prior to delivery to the site (31 00 00 Earthwork, Section 1.3.2)?	**Prep**				
Has the borrow source assessment been completed and approved prior to fill placement (31 00 00 Earthwork, Section 3.2)?	**Prep**				
Have the erosion control blanket and CTRM been checked for defects, rips, holes, flaws, deterioration or damage prior to installation?	**Initial**				
Is equipment to be used to place the select fill layers described in the approved Materials Handling Plan?	**Initial**				
Is all earthwork to be overseen by a California Registered Geologist or Civil Engineer (31 00 00 Earthwork, Section 1.3.5)?	**Initial**				
Has the vegetation establishment plan been approved prior to planting (32 92 19 Seeding and Planting, Section 1.3.1)?	**Initial**				
Have all submittals for seed and plant materials been approved prior to delivery to the site (32 92 19 Seeding and Planting, Section 1.3.2)?	**Initial**				
Is the imported material to be used in the soil cover free of debris, roots, wood, scrap metal, vegetation, refuse, soft unsound particles, and deleterious or objectionable materials (31 00 00 Earthwork, Section 2.1)?	**Follow up**			**X**	Cover soil material imported on 2/22, 2/26, 3/5, 3/14, and 4/11 meets this requirement
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Has all excavation been done to depths and dimensions as indicated on the Drawings (31 00 00 Earthwork, Section 3.5)?	**Follow up**			**X**	
Has the soil cover been constructed to the elevations and slopes indicated on the Drawings (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	Soil cover installed to 2-ft thickness over the soil cover area
Has the soil cover been constructed with the lift thicknesses described in the specifications (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the minimum dry density no less than 90 percent of maximum dry density for the base layers (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Compaction testing performed on 2/27, 3/25, and 4/18
Is the minimum dry density no greater than 85 percent of maximum dry density for the top 6 inches (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Is the moisture content between + 3 and - 3 percent of optimum for all lifts (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	Moisture content testing performed on 2/27, 3/25, and 4/18
Has compaction been performed using a minimum of 2 passes over all areas (31 00 00 Earthwork, Section 3.7)?	**Follow up**			**X**	
Have representative samples for grain size analysis been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for Atterberg limits been taken for testing, during construction of the select fill layer, for every 2,000 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, 3/5, 3/14, and 4/11 for analysis
Have representative samples for laboratory compaction been taken for testing, during construction of the select fill layer, for every 5,200 cubic yards of material placed (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	Collected samples of imported soil on 2/22, 2/26, and 3/14 for analysis
Have compaction test results been compared with the results obtained during the borrow source assessment for consistency (31 00 00 Earthwork, Section 3.2.2)?	**Follow up**			**X**	
Has field compaction and insitu moisture testing (nuclear density gauge) been performed at a frequency of 1 per 10,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Nuclear density and moisture content testing performed on 2/27, 3/25, and 4/18

Requirement	Phase	Yes	No	N/A	Comments
Have sand cone and laboratory moisture content testing been performed at a frequency of 1 per 150,000 square feet of soil cover placed (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	Sand cone test and laboratory moisture content test performed on 2/27
Have nuclear gauge results been compared with and calibrated to oven-dried water content and sand cone tests (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Have the surrounding areas around failed test locations been reworked up to at least half the distance to all nearby test locations that passed (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Are retests located within 10 feet of the previous test location (31 00 00 Earthwork, Section 3.12.3)?	**Follow up**			**X**	
Have all grades of soil cover been finished within plus or minus one tenth (0.1) of one foot (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Has all final grading taken place with subsequent placement of erosion resistant layer within 2 calendar days or as weather conditions dictate (31 00 00 Earthwork, Section 3.11.1)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the top of the slope in a 6-inch deep by 6-inch wide trench (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are the erosion control blanket and CTRM anchored to the slope by placing staples/stakes according to the manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are all edges of parallel matting or blanket stapled with approximately 2 inch to 5 inch overlap depending on manufacturer's recommendations (31 00 00 Earthwork, Section 3.9)?	**Follow up**			**X**	
Are newly graded areas of soil cover being protected from traffic, erosion, and settlement (31 00 00 Earthwork, Section 3.11.3)?	**Follow up**	**X**			
Before planting/seeding, has the contractor verified the following: all areas to receive seed and plants are free of vegetation and other objectionable material; grades are final for permanently treated areas and within reasonable standard for temporary treatments; all sloped areas are uniformly compacted (32 92 19 Seeding and Planting, Section 3.1)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Has it been verified that seeds do not exceed 0.5% weed content by weight (32 92 19 Seeding and Planting, Section 2.2)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Have fertilizer or lime application rates been determined from soil test laboratory recommendations Seed (32 92 19 Seeding and Planting, Section 2.4)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Are the seeded/planted areas mulched so as to provide uniform distribution of mulch without waste (32 92 19 Seeding and Planting, Section 2.6)?	**Follow up**			**X**	Seeding performed on 4/17 and 5/1 meets this requirement
Were turf reinforced mats installed *after* seeding for the grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**	**X**			
Was the erosion control blanket installed *before* seeding for the plants and non-grass species (32 92 19 Seeding and Planting, Section 3.4.1)?	**Follow up**			**X**	No live plants are being used; ECB installed after hydroseeding
Are endo- and ecto-mycorrhizae fungi being applied for enhanced soil-root symbiosis according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8)?	**Follow up**			**X**	
Has acrylamide copolymer gel for water retention in soil been applied according to manufacturer's recommendations (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
Have large crystal co-polymer been used for backfill and small crystals used for hydraulic applications and root dip (32 92 19 Seeding and Planting, Section 2.8.1)?	**Follow up**			**X**	
During the 1 week waiting period, did the contractor ensure that no soil erosion occurred (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Have all surfaces to be seeded been scarified to a minimum depth of 1 inch (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Does all soil used for repair of erosion or grade deficiencies conform to topsoil requirements in Section 31 00 00 Earthwork (32 92 19 Seeding and Planting, Section 3.3.1.1)?	**Follow up**			**X**	
Were seed mixtures proportioned by weight and applied at the specified seeding rate with a seed drill or by broadcasting, ensuring proper disc settings, seed depth, and crimping (32 92 19 Seeding and Planting, Section 3.4.2)?	**Follow up**			**X**	Seed mixture was applied by hydroseeding
Was a satisfactory stand of vegetation achieved, e.g. a minimum of 10 plants per square foot for groundcover areas (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Did the total bare spots in plain view not exceed 3% of the total seeded/planted area (32 92 19 Seeding and Planting, Section 3.7.2)?	**Follow up**			**X**	
Was watering during the establishment period done at intervals to obtain a moist soil condition to a minimum depth of 1 inch for seeded/planted areas or groundcover (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was the frequency and quantity of water during the establishment period adjusted in accordance with the growth of the vegetation (32 92 19 Seeding and Planting, Section 3.7.3.2)?	**Follow up**			**X**	
Was nitrogen carrier fertilizer applied at a rate of no more than 0.5 pounds per 1,000 square feet for seeded areas or groundcover after the first month and again prior to the final acceptance (32 92 19 Seeding and Planting, Section 3.7.3.3)?	**Follow up**			**X**	
Has a preliminary and final inspection for the acceptance of vegetation been held (32 92 19 Seeding and Planting, Section 3.8.1/3.8.2)?	**Follow up**			**X**	
Receivables					
Material properties sheet		**X**			
Manufacturers QC Manual				**X**	
QC Certification		**X**			Verified seed mixture certificate
QC Test report		**X**			Performed compaction tests on the soil cover on 2/27, 3/25, and 4/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Cover soil imported on 2/22, 2/26, 3/5, 3/14, and 4/11 was inspected to verify correct material was delivered. Erosion Control Blanket delivered on 3/14 was checked against the approved submittal. CTRM delivered on 3/22 was checked against approved submittal.
Calibration				**X**	

QC Manager: Spencer Slominski	Date: 05/10/13

Photo 1: Soil Cover Installation – Riprap and filter rock stockpiles moved onto the soil pad south of Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 10, 2013

Photo 2: Asphalt Cover Installation – Rough grading the area southeast of Building 130

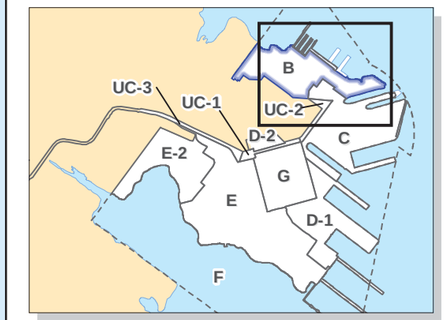
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 10, 2013

Photo 3: Asphalt Cover Installation – Subgrade for asphalt pavement east of Building 140 during rough grading

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 10, 2013



Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	125		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Pt Cloudy/Warm
MAX TEMP (F)	68	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	3
05	Crew working on cleaning around perimeter of buildings- veg/debris removal	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Crew working on making cut behind and in front of building 130, removing rail	ERRG	1	H&S Officer	8
	road track and ties as needed to make grades.	ERRG	2	QC Staff	20
		ERRG	6	Equipment Operators	40
03	Crew finish up plugging piping penetrations in building 122 and filling some	ERRG	6	Laborers	44
	cracks in the floor of building 120.	ERRG	3	Truck Driver	20
		ERRG	1	SVE Tech	8
06	Tech on site to inspect polylactate wells and SVE system				

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	163
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	16,808
TOTAL WORK HOURS FROM START OF CONSTRUCTION	16,971

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	0
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	0
05	ERRG	JD 225 Excavator	4
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS

James Nores 05/13/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	125 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Pt Cloudy/Warm
MAX TEMP (F)	68
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	Harris Blade	Cat 735 haul truck	8
05	JS Cole	Cat 972 Loader	8
05	Harris Blade	Top Gun Street Sweeper	4
05	United Rentals	JD 350 Excavator	4
05	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores — 05/13/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/13/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, WELL INSPECTIONS (POLYCACHAPE INSTALLATIONS), BUILDING FLOOR REPAIRS

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, PADDLE SCRAPER, STIFF, HYDRATION

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Jeremy Aguiar	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Marlon Rivera	ERRG	[signature]
[illegible]	ERRG	[signature]
B. [illegible]	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
F. Loza	ERRG	[signature]
G. Trujillo	ERRG	G. Trujillo
Brian Kerr	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Boris Portillo	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Glowingle	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Joe Cerrick	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 RPT. #2 SITE GRADING #17 POLY INJECTION (WELL INSPECTING)

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/13/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/13/13 0700
Employee(s):	JEREMY AGUIAR	[signature]	5-13-13 0700
	Adolfo Madrigal	Adolfo M.	5-13-13 0700
	Marlon Rivera	[signature]	5-13-13 0700
	Paul Rodriguez	[signature]	5-13-13 0700
	B. LUNASCO	B. [signature]	5-13-13 0700
	Jim Aguiar	Jim Aguiar	5-13-13 0700
	Rodrigo Pulido	Rodrigo	5/13-13 07:00
	Lupe Trujillo	Lupe	5/13/13 07:00
	F. LOZA	[signature]	5/13/13 0700
	Brian Kerr	[signature]	5/13/13 0700
	ENRIQUE MARTINEZ	[signature]	5-13-13 0700
	[signature]	[signature]	5/13/13 0700
	Spencer Johnson	[signature]	5/13/13 0700
	Mike Babot	[signature]	5/13/13 0700
	King Bailey	[signature]	5-15-13 0700
	JOE CORRICH	[signature]	5/13/13 1300

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	5/13/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG/ OVERCAST TO CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

SITE GRADING, PULLING RAILS, CLEANUP NEXT TO BUILDINGS.

PATCHING CRACKS IN BLDG. FLOORS.

INSPECTING POLYCARBONATE WELLS.

EQUIPMENT: 2 EXCAVATORS, 2 OFF-ROAD DUMP TRUCKS, PADDLE SCRAPER, MOTOR GRADER, SKIPLOADER, WATER TRUCK, 2 KUBOTAS, BULLDOZER

Signed: [signature] Date: 5/13/13

ERRG

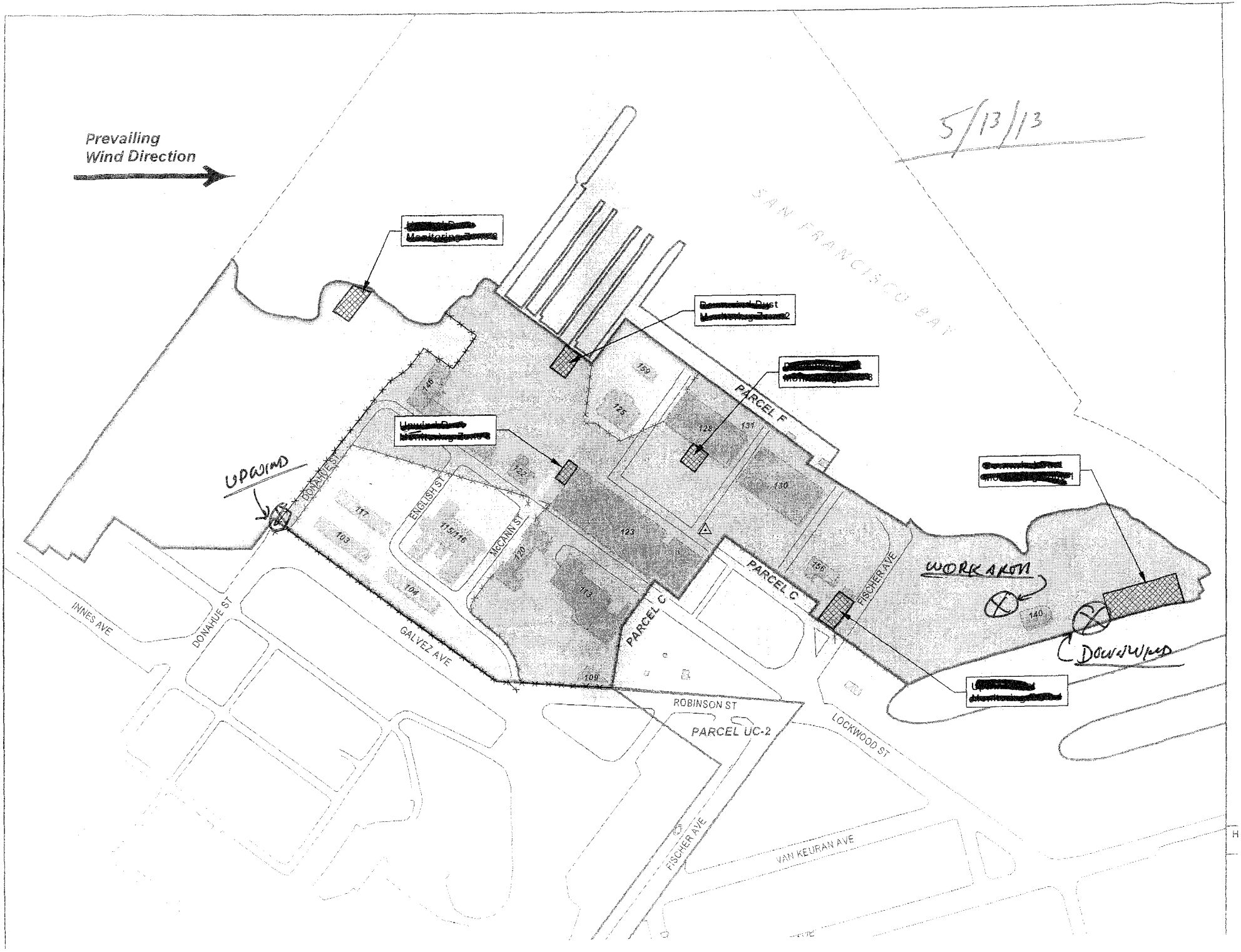
AIR MONITORING LOG SHEET

ERRG

Richard Epp
Hunters Point Naval Shipyards
Parcel B
(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 GATE MODEL # 1161	5/13/13	0832	0.022	0.025	LATE START - MIST
		0934	0.019	0.018	
		1046	0.017	0.018	
		1140	0.020	0.017	
		1330	0.018	0.018	
		1506	0.023	0.018	
WORK AREA / SAFETY TABLE @ DD#3 / MODEL # 1008	5/13/13	0823	0.023	0.021	
		0940	0.014	0.006	
		1039	0.012	0.008	
		1134	0.006	0.008	
		1334	0.015	0.009	
		1501	0.014	0.016	
DOWNWIND D.D#3 MODEL #10973	5/13/13	0825	0.000	0.000	
		0941	0.000	0.000	
		1040	0.000	0.000	
		1135	0.000	0.000	
		1331	0.003	0.000	
		1503	0.011	0.002	



5/13/13
Prevailing
Wind Direction
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
109
156
140

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: H CAT Haul Track Identification Number: VE9 N77

roject Number / Name: 2012 037 Rental ☑ ERRG ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects												A.M. 5-10-13 3494.4			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Tracks	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	
Steps and handgrips	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	
Battery charged?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Horn operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	

xplain corrective actions taken: Espejo Roto Lado Derecho

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Cat Haul truck Identification Number: U15788

roject Number / Name: 2012-037 Rental ☒ ERRG ☐

Inspected By (Initials) And Date:	5/6/13 2949.0 BK			A.N. 5-7-13 2955.2						A.N. 5-9-13 2961.5			5-10-13 2968.4			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☒	☐	☑	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	crack on front drivers fender
Engine belts and hoses	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	chips in drivers door window
Gauges operative?	☐	☒	☐	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	Fuel gauge doesn't work
Battery charged?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☒	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken: Llenta Dededa Delanteras Esta Rajada por derecho
SMALL RIGHT SIDE MIRROR CRACKED!

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 350 Excavator Identification Number: _____

roject Number / Name: 2012-037 Rental ☒ ERRG ☐

Inspected By (Initials) And Date:	5/6 BP 2709			5/7 BP 2715			5-9-13 2718,8 JL						5/10 BP 2721			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	
Tracks	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	☐	☐	
Brakes	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☐	☒	

xplain corrective actions taken: Dent on Left Rear (Top)

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Skip Loader 210 Deere Identification Number: FCGX94

roject Number / Name: H.P. 2012 037 Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	A.M. 4-29-13 HR. 1506.6			A.M. 4-30-13 HR. 1508.0			A.M. 5-1-13 HR. 1511.1						A.M. 5-3-13 HR. 1515.9			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: BACKHO 710 Identification Number: _____

roject Number / Name: 2012 057 Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	4-29-13 KI HCR															
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SKID LOADER **Identification Number:** FC6X94

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

Inspected By (Initials) And Date:	Heavy Equipment Defects												5/10/13 AA 15283			
	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 TIRES HAVE GASHES
Tracks	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	
Steps and handgrips	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	
Horn operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: H20 Truck **Identification Number:** 7008511

roject Number / Name: _____ **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects

Inspected By (Initials) And Date:	51340 4/30/13			51342 5/1/13			51966 5-2-13						51988 5-3-13			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	minor fender
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	damage, No front
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	lic. plate
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	pump leak
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	No is side
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	door handle
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☑	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

xplain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 truck **Identification Number:** 8V94768

Project Number / Name: HPNSY PB **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	5/6/13 PR 2643.0			5/7/13 2648.2 PR			5/8/13 PR 2653.1			5/9/13 PR 2657.6			5/10/13 PR 2663.1			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	fender bumper
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	damage
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	pump leaks
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Two nick on
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	front windshield
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and 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: 5/10/13 a little low on oil added qt ½

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: CABOTA Identification Number: TW 11078

roject Number / Name: H P Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	5-2-9249 BM			5/3/13 926.6			5/6/13 929.1			5/7/13 932.1			5/8/13 935.0			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KUBOTA **Identification Number:** TW11077

roject Number / Name: _____ **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects															
Inspected By (Initials) And Date:	5/6/13 0605.7			5/7/13 0606.8			5/8/13 0607.5			5/9/13 0608.4			0611.2		
	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):

xplain corrective actions taken: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/05/13

REPORT NO 125

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Finished patching cracks in the floor slab inside Building 120. Patched large utility penetrations in the floor slab inside Building 122.
	Verified that the activities complied with the Building Foundation Inspection and Restoration checklist.
05	Removed railroad tracks from the areas of the site where the subgrade requires cutting the existing grade. Continued rough grading the areas
	south and east of Building 130 to prepare the pavement subgrade; tansported material from the cut area to the ill area east of Building 140,
	and performed rough grading over the area east of Building 140. Removed vegetation and debris from the exterior of building foundations.
06	Performed inspection and check-out of the SVE system to prepare for system commissioning.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/13/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Building Foundation Inspection and Restoration

Date: 05/13/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**				
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**				
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**				
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: 05/13/13

Photo 1: Building Foundation Inspection and Restoration – Completed repair of crack in the floor slab of Building 120

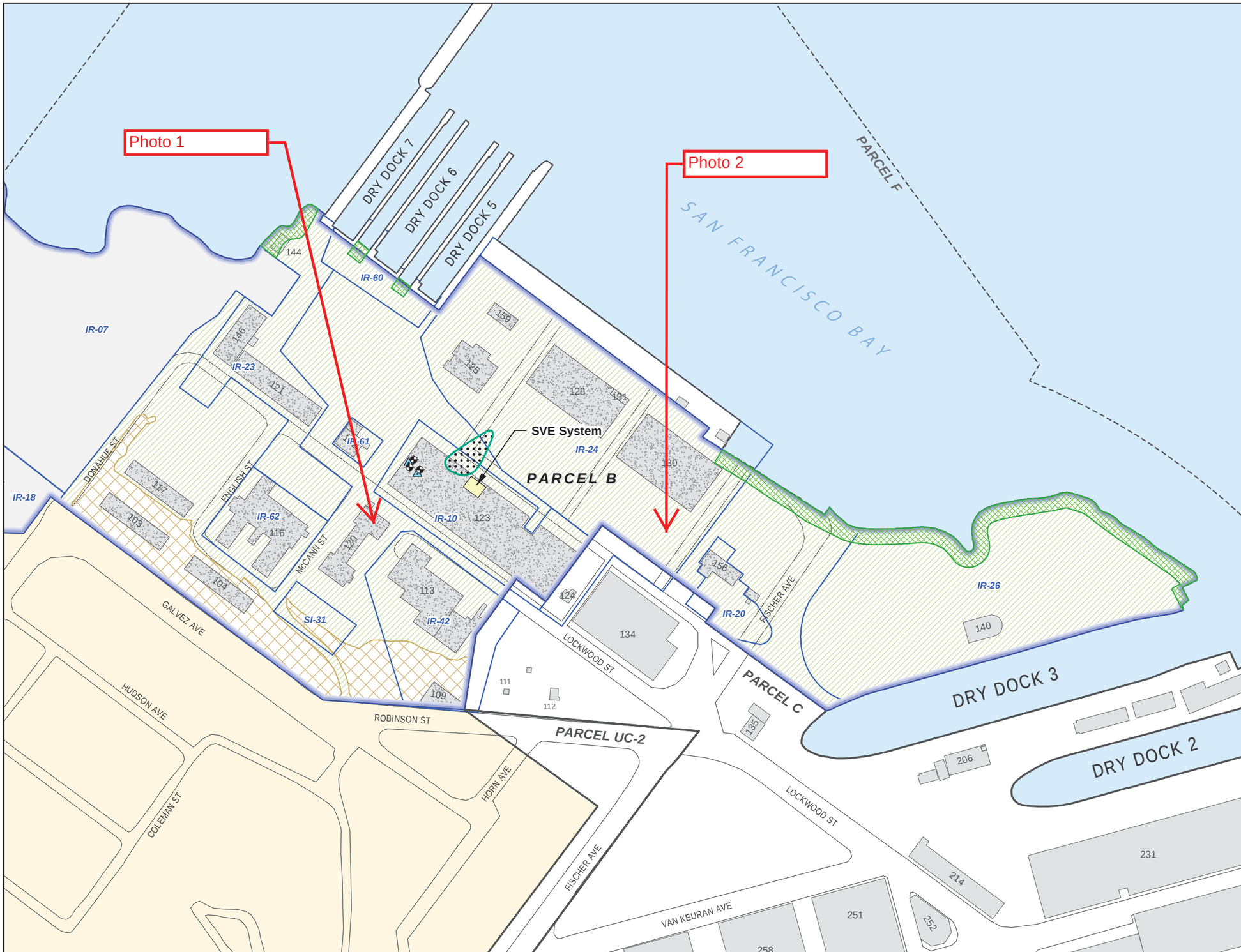
HPNS Parcel B Remedial Action, San Francisco, California

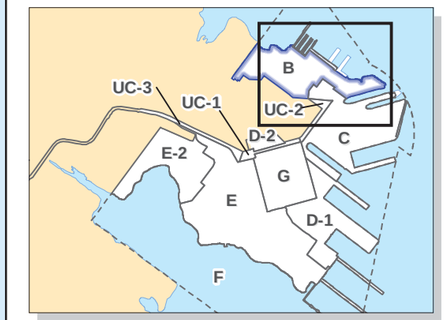
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 13, 2013

Photo 2: Asphalt Cover Installation – Removing soil from a cut area during rough grading south of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

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





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	126		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	68	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Crew working on cleaning vegetation along Dry-dock #3 and the pump house	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Crew working on making cut and site grading between 156 and 123	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
05	Haul removed asphalt debris from grading activities to the D-1 triangle stockpile	ERRG	6	Equipment Operators	40
	area.	ERRG	6	Laborers	36
		ERRG	3	Truck Driver	12
06	Tech on site to inspect SVE system	ERRG	2	SVE Tech	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	144
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	16,971
TOTAL WORK HOURS FROM START OF CONSTRUCTION	17,115

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	0
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	0
05	ERRG	JD 225 Excavator	4
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
05	Weekly QC Meeting with Navy ROICC, CSO and ERRG Supervisory and QC Staff.
05	Decon and demobilize rental JD350 excavator

James Nores 05/14/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	14/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	126 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	68
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	Harris Blade	Cat 735 haul truck	8
05	JS Cole	Cat 972 Loader	8
05	Harris Blade	Top Gun Street Sweeper	2
05	ERRG	JD 710 Backhoe	0

Schedule Activity No.	REMARKS

James Nores — 05/14/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/14/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, REPAIR BLDG FDN. HOLES + CRACKS

SAFETY TOPICS PRESENTED

SAFETY TOPICS PROPER PPE, EQUIPMENT, TRUCKS, CUTTING, STAF

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
B. [illegible]	ERRG	[signature]
F. LOZA	ERRG	[signature]
G. Trujillo	ERRG	G. Trujillo
Marlon Rivera	ERRG	[signature]
Adelio Madrigal	ERRG	Adelio M.
Rodrigo Pulido	ERRG	Rodrigo
Brian Kerr	ERRG	[signature]
Paul Rodriguez	[illegible]	[signature]
Enrique Martinez	ERRG	[signature]
Boris Pavlo	[illegible]	[signature]
Mike Babst	ERRG	[signature]
J. Correll	ERRG	[signature]
Spencer Slomash	ERRG	[signature]
Darrot Bennken	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 FOR ROMMES SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		5/14/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		5/14/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		5/14/13 0700
Employee(s):	Kim Bailey		5-14-13 @ 0700
	B. Lucero		5-14-13 @ 0700
	F. LOZA		5-14-13 @ 700
	M. Rivera		5-14-13 0700
	L. Trujello	Trujillo	5-14-13 0700
	Adolfo Madrigal	Adolfo M.	5-14-13 0700
	Rodrigo Pulido	Rodrigo	5-14-13 07:0
	Paul Rodriguez		5-14-13 0700
	Brian Kerr		5-14-13 0700
	Enrique Martinez		5-14-13 0700
	Boris	Boris	5/14/13 0700
	Mike Babst		5/14/13 0700
	Joe Corrigh		5/14/13 0700
	Curtis Behnken		5/14/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	5/14/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	USN - PETER STROGONOFF, DOUG DELONG, SHIRLEY NG, ANDY UHESA		

Description of Field Activities:

SITE GRADING ON POINT NEAR DRY DOCK #3 AND BETWEEN BLDG 123 + 156.

CLEARING VEGITATION ALONG DRY DOCK #3 + PUMPHOUSE.

HAULING ASPHALT DEBRIS TO AREA D-1.

DECON. RENTAL EXCAVATOR.

EQUIPMENT: 2 EXCAVATORS, OFF-ROAD DUMP TRUCK, ROD LOADER, SKIP LOADER, MOTOR GRADER, PADDLE SCRAPER, 2 WATER TRUCKS, 2 KUBOTAS, BULLDOZER

Signed: [signature] Date: 5/14/13

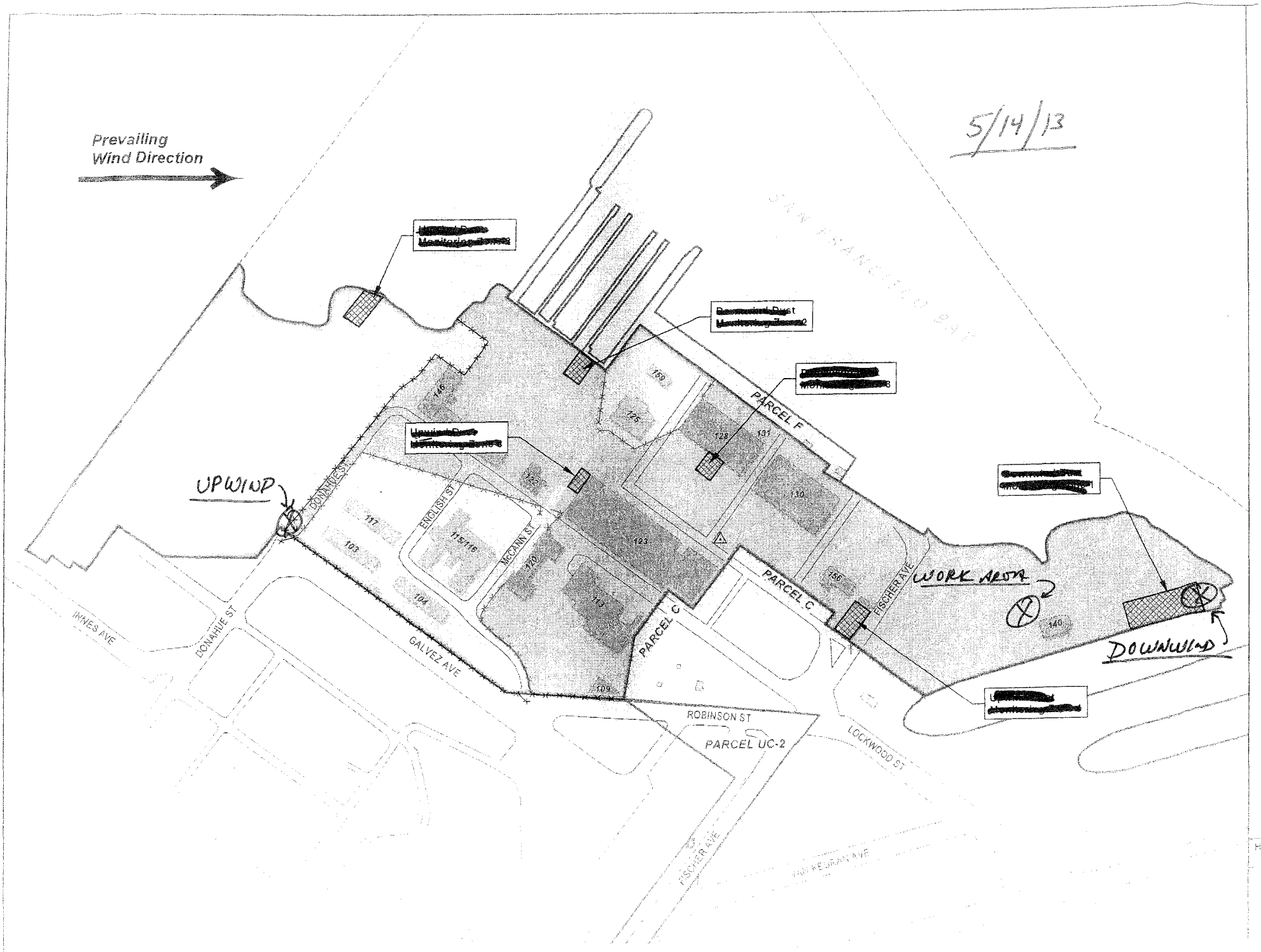
ERRG

AIR MONITORING LOG SHEET

ERRG

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

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / DONAHUE @ GALVEZ METER # 1161	5/14/13	0725	0.050	0.072	
		0830	0.045	0.047	
		0924	0.041	0.045	
		1032	0.042	0.043	
		1128	0.051	0.043	
		1304	0.044	0.045	
		1405	0.047	0.042	
		1503	0.046	0.043	
WORK AREA / SAFETY TABLE @ DD#3 / METER # 1008	5/14/13	0732	0.044	0.054	
		0834	0.067	0.057	
		0926	0.047	0.056	
		1042	0.048	0.058	
		1132	0.082	0.067	
		1306	0.084	0.063	
		1411	0.053	0.071	
		1506	0.047	0.074	
DOWNWIND / DD#3 @ SHORELINE / METER # 10973	5/14/13	0735	0.030	0.029	
		0836	0.030	0.024	
		0928	0.029	0.028	
		1044	0.033	0.028	
		1133	0.054	0.034	
		1308	0.050	0.033	
		1415	0.052	0.033	
		1508	0.044	0.034	



5/14/13
Prevailing
Wind Direction
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
113
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 14/05/13

REPORT NO 126

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 #
05	Asphalt Cover 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
03	Patched cracks in the floor slab inside Building 115 using patching mortar.
	Verified that the activities complied with the Building Foundation Inspection and Restoration checklist.
05	Continued removing existing asphalt and performing rough grading over the area between Building 123 and Building 156 to prepare the pavement
	subgrade. Continued grading the area easof Building 140. Removed vegetation and debris from the ground surface adjacent to Dry Dock 3
	and Building 140. Verified that the activities complied with the Asphalt Cover Installation checklist.
06	Completed the pre-commissioning and functional performance checklists for the SVE system. Inspected the SVE system with ROICC and
	BRAC PMO representatives.

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
05	Held weekly QC meeting; attended by Navy ROICC (Peter Stroganoff, Shirley Ng, Andrew Uehisa), Navy BRAC PMO (Douglas Delong),
	ERRG QCM (Spencer Slominski), ERRG Superintendent (James Nores), ERRG SSHO (Richard Epp), and ERRG QC staff (Spencer 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 — 05/14/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Building Foundation Inspection and Restoration

Date: 05/14/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has a mix design for 3000 psi concrete been submitted (03 30 00 Concrete, Sec 1.3.1)?	**Prep**				
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**				
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**				
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: 05/14/13

Asphalt Cover Installation

Date: 05/14/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**	**X**			
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**	**X**			
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**			**X**	
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/14/13

Photo 1: Building Foundation Inspection and Restoration – Repair of crack in the floor slab of Building 115

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Asphalt Cover Installation – Removing railroad tracks from area to be graded between Building 123 and Building 156

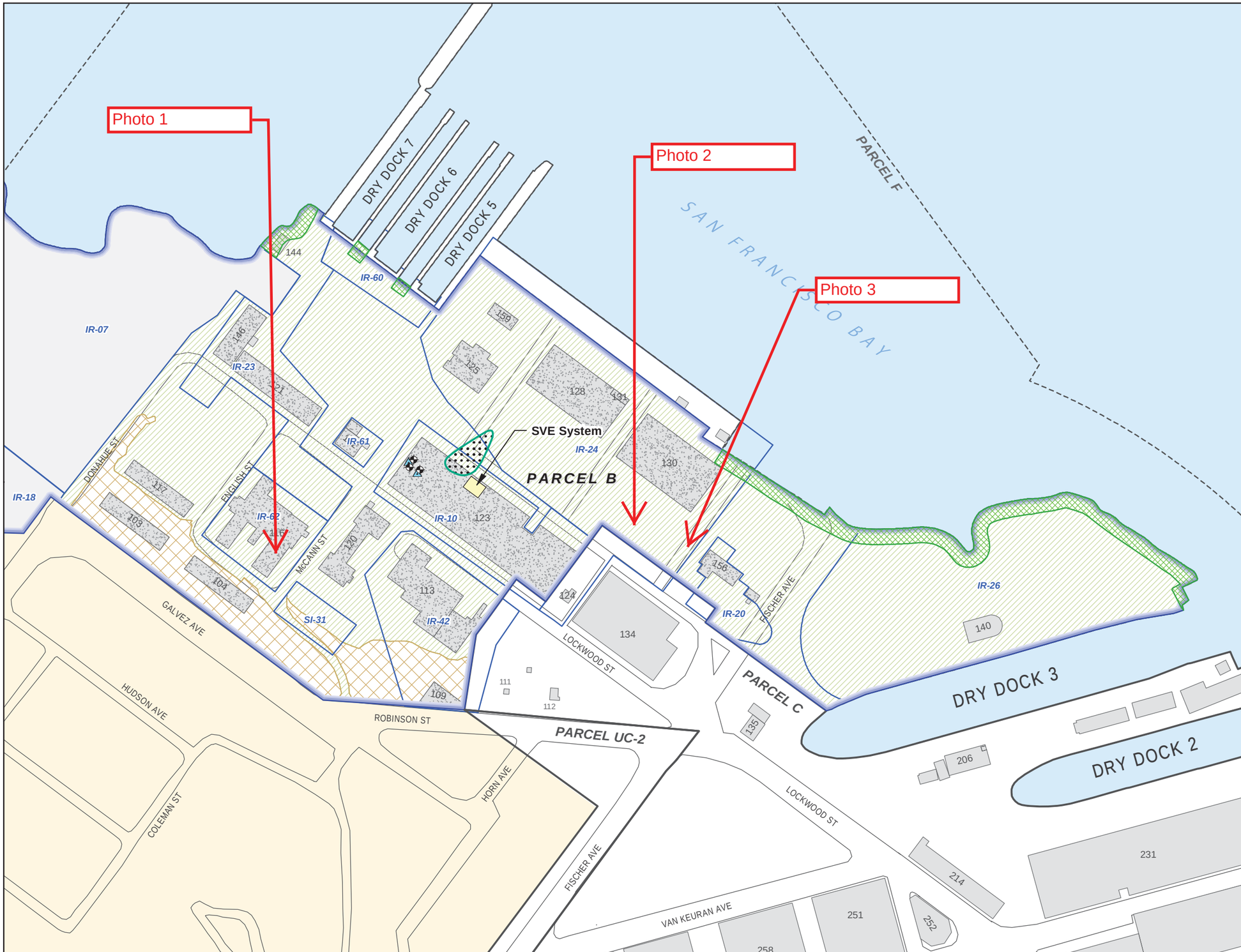
HPNS Parcel B Remedial Action, San Francisco, California

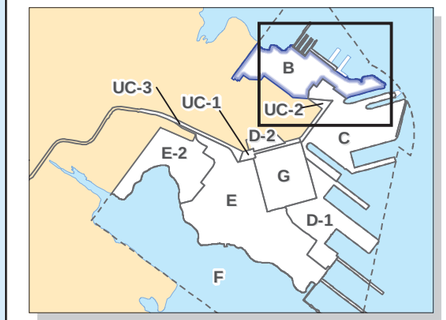
Photographed by: Richard Epp (ERRG, Inc.) Date: May 14, 2013

Photo 3: Asphalt Cover Installation – Rough grading of area between Building 156 and Building 123

HPNS Parcel B Remedial Action, San Francisco, California

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





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	127		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	65	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Crew continue working on cleaning vegetation along Dry-dock #3 and the pump	ERRG	1	Project Manager	0
	house- continue grading for sub base.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew working on making cut and site grading between 156 and 123 remove	ERRG	2	QC Staff	20
	asphalt as needed to make sub grade elevations	ERRG	7	Equipment Operators	48
		ERRG	4	Laborers	28
05	Crew begin excavating tie in trench along revetment top at the point.	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	134
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	17,115
TOTAL WORK HOURS FROM START OF CONSTRUCTION	17,249

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	3
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	4
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
05	Noticed water line break in the area between building 104 and 115 near the valves in the road, shut water off at main, notified ERRG Project Manager and QC Manager who then
	notified the appropriate Navy personnel. Excavated and exposed water line, 12" Iron pipe split horizontally ~3'-4'. Secured excavation with temp fencing, will continue with repair
	tomorrow. Mel Asuncion (Navy) stopped by and checked out the water line to make sure we had shut it off properly.

James Nores 05/15/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	15/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	127 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	65
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	Harris Blade	Cat 735 haul truck	8
05	JS Cole	Cat 972 Loader	8
05	Harris Blade	Top Gun Street Sweeper	2
05	ERRG	JD 710 Backhoe	3

Schedule Activity No.	REMARKS

James Nores 05/15/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/15/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADIOS

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT; STRUCK BY, TRAFFIC, ST+F, BACK, LIFTING

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

ISSUED LPO CARDS: _____ Yes _____ No

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Lunasco	ERRG	B. Lunasco
F. Loza	ERRG	[illegible]
Adolfo Madrigal	ERRG	Adolfo M.
Marlon Rivera	ERRG	[illegible]
Kim Bailey	ERRG	[illegible]
[illegible]	ERRG	[illegible]
Enrique Martin	ERRG	[illegible]
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
[illegible]	ERRG	[illegible]
Jim Aguiar	ERRG	[illegible]
Spencer Johnson	ERRG	[illegible]
Mike Barbat	ERRG	[illegible]
Spencer Slamingh	ERRG	[illegible]

Richard Epp

[illegible]

SUPERINTENDENT James Nores

SIGNATURE [illegible]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: 12 Site Grading

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/15/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/15/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Slominski	[signature]	5/15/13 0700
Employee(s):	B. Lunasco	[signature]	5-15-13 @ 0700
	N. Rivera	[signature]	5-15-13 0700
	F. Loza	[signature]	5-15-13 @ 0700
	Adolfo Madrigal	Adolfo M.	5-15-13 0700
	Nina Bailey	[signature]	5-15-13 0700
	Boris Portillo	[signature]	5/15/13 0700
	Enrique Martin	[signature]	5 15 13 0700
	Rodrigo Pulido	Rodrigo	5/15/13 07:00
	Lupe Trujillo	Lupe	5/15/13 07:00
	A Rodriguez	[signature]	5/15/13 0700
	Jim Aguilar	[signature]	5-15-13 0700
	Spencer Johnson	[signature]	5/15/13 0700
	Mike Babst	[signature]	

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	5/15/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR, WINDY	Page:	1 of 1
Site Visitors:	BILL [illegible] - DB		

Description of Field Activities:

SITE GRADING, VEGITATION REMOVAL, DEBRIS REMOVAL IN DRY DOCK # 3 AREA.

GRADING, ASPHALT REMOVAL BETWEEN BLDG 123 + 156.

BROKEN PIPE (2) WATER LEAKAGE NEAR ACTIVE HYDRANT AT BLDG. 116, EXCAVATED BREAK IN ROAD NEAR BLDG 117.

EXCAVATION OF TRANSITION BETWEEN ASPHALT AREA AND REVETMENT ALONG REVETMENT FROM PUMPHOUSE INLET TO SHORELINE/DD # 3 JUNCTION.

EQUIPMENT: EXCAVATOR, MOTOR GRADER, PADDLE SCRAPER, END LOADER, SKIP LOADER, 2 BACKHOES, BULLDOZER, 2 KUBOTAS, WATER TRUCK

Signed: [signature] Date: 5/15/13

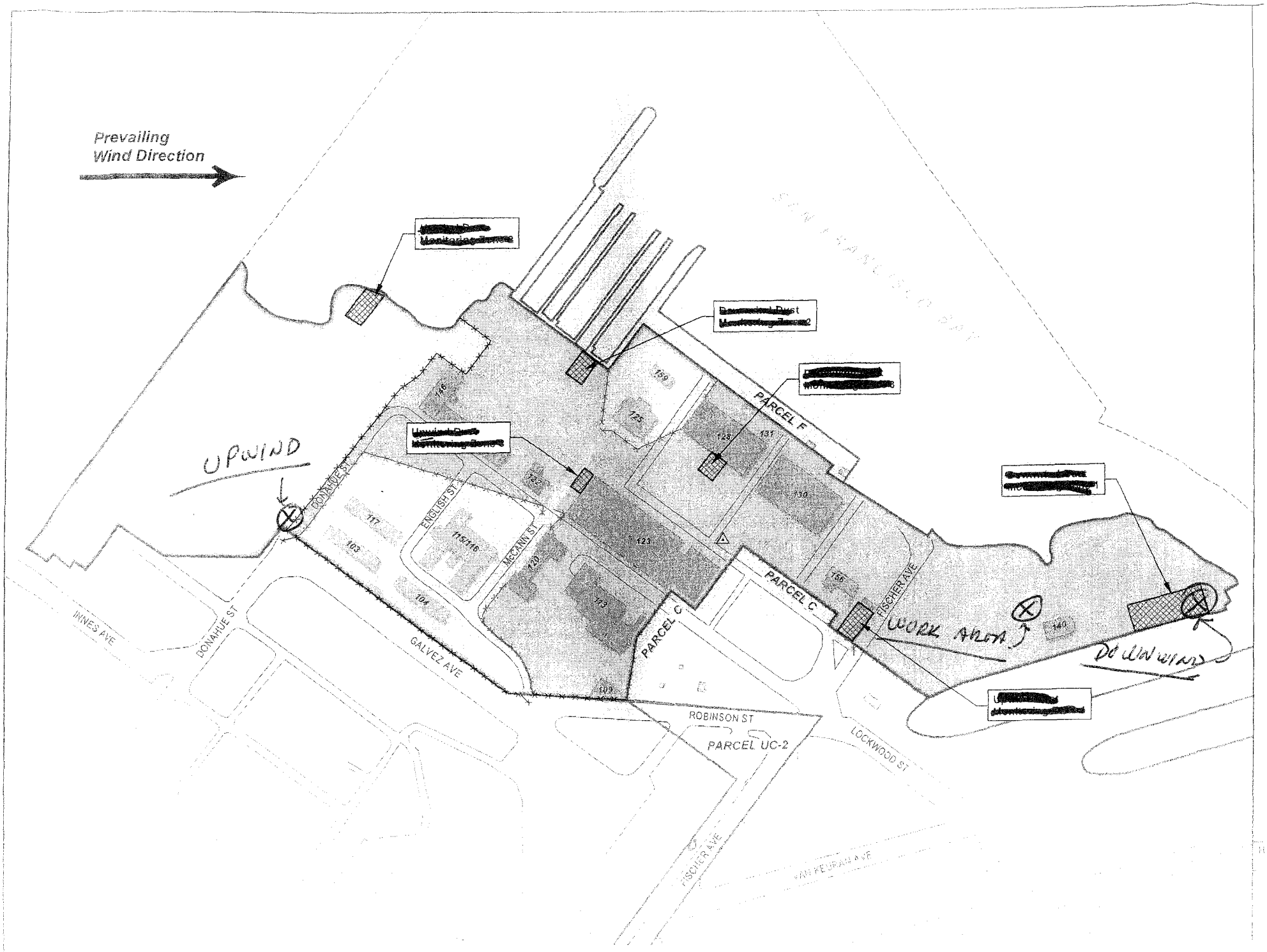
ERRG

AIR MONITORING LOG SHEET

ERRG

Richard Epp		Client:	US Navy
Hunters Point Naval Shipyards		Project No.:	2012-037
Parcel B		Page:	1 of 1
(Date and Time):	5/15/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Donahue @ Gravel Meter # 1161	5/15/13	0732	0.033	0.036	
		0820	0.013	0.015	
		0925	0.006	0.013	
		1025	0.004	0.010	
		1134	0.004	0.009	
		1305	0.002	0.007	
		1401	0.002	0.006	
		1446	0.005	0.006	
WORK AREA / SAFETY TABLE @ DD#3 / Meter # 1008	5/15/13	0740	0.054	0.053	
		0826	0.022	0.051	
		0928	0.042	0.036	
		1029	0.005	0.036	
		1136	0.023	0.035	
		1307	0.035	0.023	
		1403	0.014	0.030	
		1449	0.054	0.032	
DOWNWIND / D.D.#3 @ SHORELINE / Meter # 10973	5/15/13	0745	0.031	0.030	CLEARIN BRUSH. NEXT TO METER.
		0829	0.007	0.085	
		0932	0.008	0.064	
		1031	0.080	0.062	
		1138	0.004	0.065	
		1308	0.000	0.046	
		1405	0.077	0.058	
		1451	0.075	0.063	



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

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 15/05/13

REPORT NO 127

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
05	Continued removing existing asphalt from the area between Building 123 and Building 156. Performed rough grading of the area between
	Building 123 and Building 156 to prepare the pavement subgrade. Continued rough grading of the area east of Building 140. Continued clearing
	vegetation and debris adjacent to Dry Dock 3 and Building 140. Excavated a 2-foot deep trench at the interface of the revetment and the asphalt
	pavement cover to allow the pavement to tie in to the revetment per Variance No. 5.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description
	An underground water leak was discovered coming from the water line between Building 104 and Building 115/116. ERRG shut off the water
	supply and ERRG's PM and QCM notified the Navy of the leak. ERRG excavated the soil above the water line and exposed the source of the
	leak, a split section in the 12" diameter iron pipe. The broken pipe was inspected by Mel Asuncion, Navy CSO.

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

Spencer Slominski — 05/15/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/15/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**			**X**	
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/15/13

Photo 1: Asphalt Cover Installation – Existing asphalt pavement removed from the area between Building 123 and Building 156

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Asphalt Cover Installation – Grading the pavement subgrade at a fill area west of Building 156

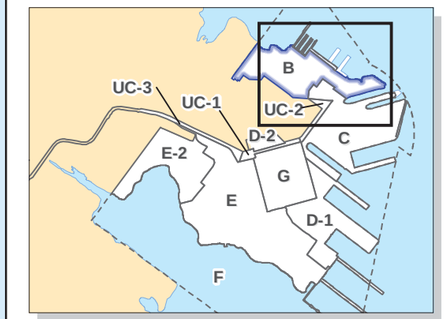
HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 3: Asphalt Cover Installation – 2-foot deep trench excavated along the crest of the revetment at the interface with the subgrade for the asphalt pavement cover

HPNS Parcel B Remedial Action, San Francisco, California

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



Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	16/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	128		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	65	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Crew continue working on cleaning vegetation along Dry-dock #3 and the pump	ERRG	1	Project Manager	2
	house- continue grading for sub base.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew working on making cut and site grading between 156 and 123 remove	ERRG	2	QC Staff	20
	asphalt as needed to make sub grade elevations	ERRG	6	Equipment Operators	40
		ERRG	5	Laborers	36
05	Crew begin making repairs on the cracked water line- cut out damaged section,	ERRG	3	Truck Driver	20
	going to need to remove a portion of the thrust block at the tee, will get jack				
	hammer on site to continue with repairs				

JOB SAFETY

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	146
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	17,249
TOTAL WORK HOURS FROM START OF CONSTRUCTION	17.395

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	3
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	4
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
05	Received word @1251 from the Navy they would like ERRG to make the repairs to the water line.

James Nores 05/16/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	16/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	128 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	65
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO	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
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	Harris Blade	Cat 735 haul truck	8
05	JS Cole	Cat 972 Loader	8
05	Harris Blade	Top Gun Street Sweeper	2
05	ERRG	JD 710 Backhoe	3

Schedule Activity No.	REMARKS

James Nores — 05/16/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/16/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK [redacted] - SITE GRADING, CLEAN AROUND BLDGS, REPAIR FLOOR CRACKS,

SAFETY TOPICS PRESENTED

SAFETY TOPICS EYE CONTACT, TRAFFIC, TENANTS

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Marlon Rivera	ERRG	[signature]
Guadalupe Trujillo	~~Trujillo~~ ERRG	Trujillo
Enrique Martinez	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Rodrigo Pulido	ERRG	Rodrigo
Jim Aguilar	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Boris Portillo	ERRG	[signature]
F. Loza	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
[illegible]	ERRG	[signature]
John Sourial	ERRG	[signature]

Richard Epp

[signature]

SUPERINTENDENT James Noyes

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: #1 SITE PREP. 11 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		5/16/13 0700
Site Safety and Health Officer:	[redacted] R. EPP		5/16/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Adolfo Madrigal		5-16-13 0700
	Marlon Rivera		5-16-13 0700
	Rodrigo Pulido		5/16-13 07:00
	Lupe Trujillo		5/16/13 07:00
	ENRIQUE MARTINEZ		5-16-13 0700
	Jim Aguilar		5-16-13 0700
	Raul Rodriguez		5-16-13 0700
	Boris Pantelle		5/16/13 0700
	Brian Kerr		5/16/13 0700
	T. LOZA		5/16/13 0700
	Mike Babst		5/16/13 0700
	Spencer Johnson		5/16/13 0700
	B. Lunasco		5-16-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	5/16/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	NAVY - MGL ABUNIN		

Description of Field Activities:

SITE GRADING, HAULING SPOILS TO AREA D-1

CLEANING AROUND BLDGS.

REPAIRING FLOOR CRACKS IN ANNEX BLDGS.

EQUIPMENT: EXCAVATOR, 2 OFF-ROAD DUMP TRUCKS, BULLDOZER, PADDLE SCRAPER, MOTOR GRADER, SKID LOADER, 2 WATER TRUCKS, 2 KUBOTAS

Signed: [signature] Date: 5/16/13

ERRG

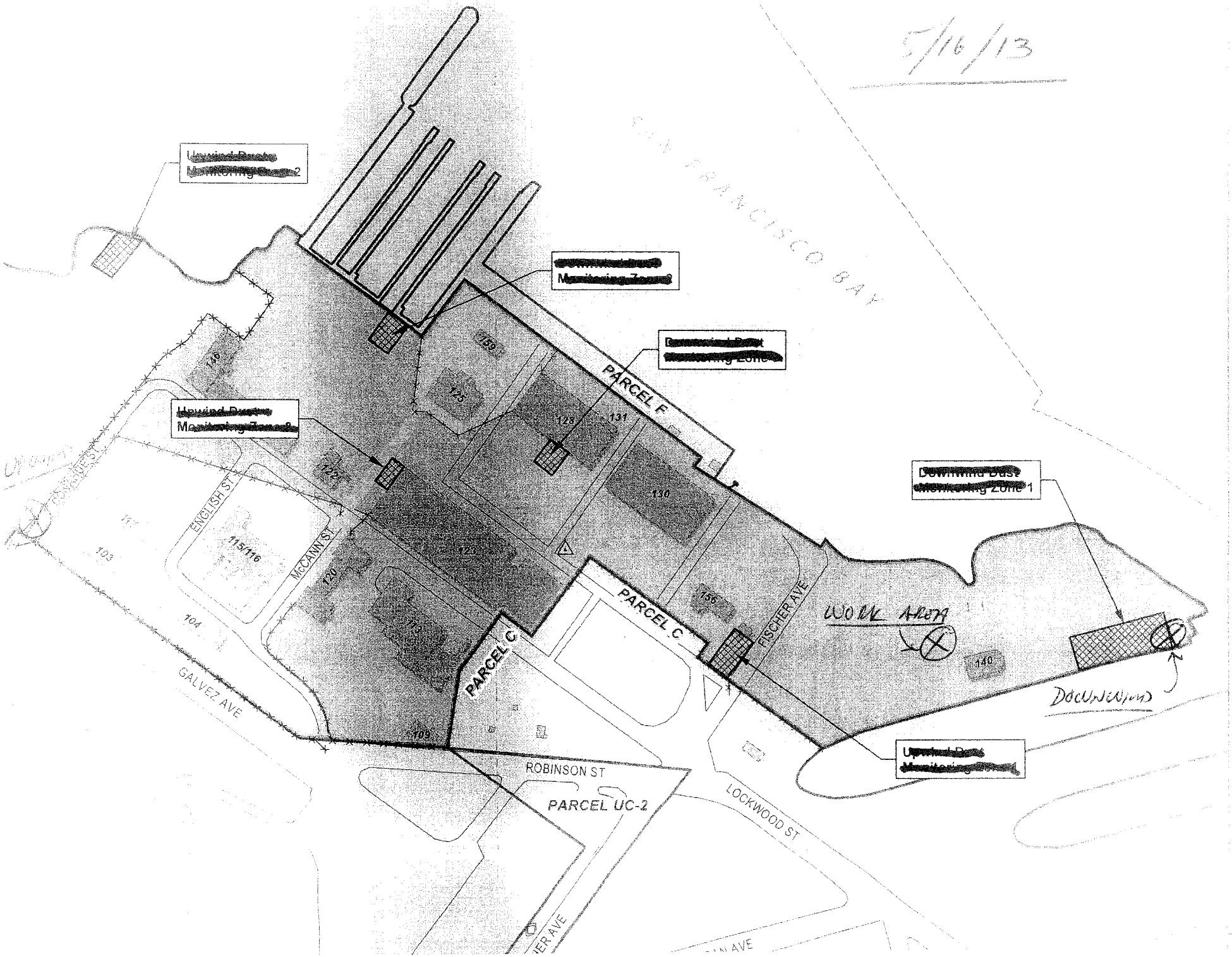
AIR MONITORING LOG SHEET

ERRG

Richard Epp
Hunters Point Naval Shipyards
Parcel B
(Date and Time): 5/16/13

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

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Downwind @ Gate Motel # 1161	5/16/13	0745	0.010	0.004	
		0850	0.001	0.000	
		0945	0.000	0.000	
		1038	0.000	0.000	
		1145	0.000	0.000	
		1330	0.010	0.008	
		1445	0.000	0.000	
		1535	0.000	0.000	
WORK AREA / DD #3 Safety Table / Motel # 1008	5/16/13	0747	0.018	0.015	
		0852	0.003	0.005	
		0947	0.001	0.003	
		1040	0.010	0.005	
		1155	0.052	0.015	
		1333	0.046	0.012	
		1447	0.012	0.013	
		1537	0.020	0.018	
Downwind / DD #3 @ Shoreline / Motel # 10773	5/16/13	0734	0.010	0.011	
		0838	0.000	0.000	
		0939	0.000	0.000	
		1033	0.000	0.000	
		1128	0.003	0.001	
		1327	0.001	0.001	
		1441	0.004	0.001	
		1533	0.000	0.000	


5/16/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted] 1
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
WORK AREA
DOWNWIND
146
159
125
128
131
130
122
123
120
115/116
103
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	16/05/13
REPORT NO	128

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

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
03	Sealed floor drain inside interior room of Building 104 with grout. Completed sealing of floor drain and conduit penetrations in the floor of
	Building 117 by patching with grout.
05	Continued rough grading of the area between Building 123 and Building 156 to prepare the pavement subgrade. Continued clearing
	vegetation and debris adjacent to Dry Dock 3 and Building 140. Continued grading the area south of Building 121 to prepare the pavement
	subgrade. Verified that the activities complied with the Asphalt Cover Installation checklist.
	Began repairing the broken water line between Building 104 and Building 115/116; removed the damaged section of pipe.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/16/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/16/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**			**X**	
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/16/13

Photo 1: Building Foundation Inspection and Restoration – Patched floor drain inside Building 117

HPNS Parcel B Remedial Action, San Francisco, California

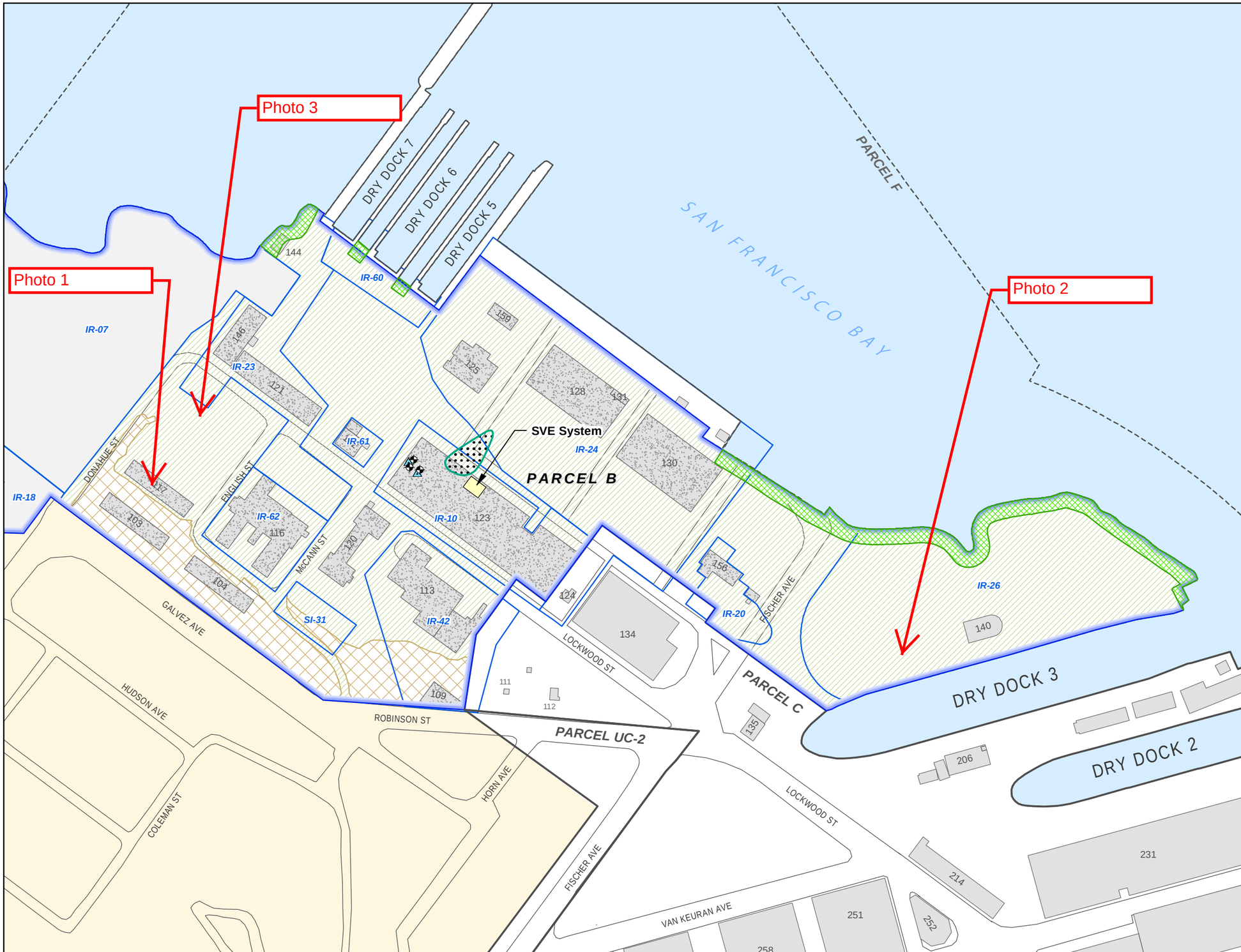
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 16, 2013

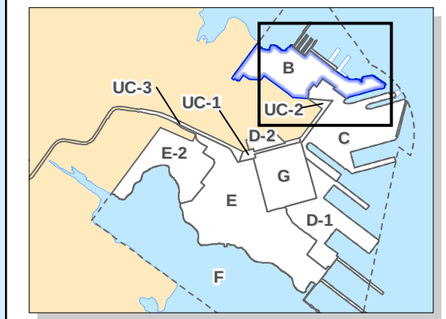
Photo 2: Asphalt Cover Installation – Clearing debris around the bollards and utility features along Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 16, 2013

Photo 3: Asphalt Cover Installation – Rough grading the area south of Building 121
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 16, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	17/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	129		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	68	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Excavation/Backfill	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Crew continue making cut between building 117 and 121, move cut material to	ERRG	1	Project Manager	2
	fill in low areas between building 156 and dry dock 3.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew continue clearing vegetation around buildings to prep for subgrade	ERRG	2	QC Staff	20
		ERRG	6	Equipment Operators	44
05	Crew working on installation of replacement water line section between building	ERRG	6	Laborers	48
	104 and 115.	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	154
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	17,395
TOTAL WORK HOURS FROM START OF CONSTRUCTION	17,549

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	3
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	4
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
05	Completed repair of waterline and partial backfill- waterline is live for weekend.

James Nores 05/17/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	17/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	129 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	68
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	Harris Blade	Cat 735 haul truck	8
05	JS Cole	Cat 972 Loader	8
05	Harris Blade	Top Gun Street Sweeper	2
05	ERRG	JD 710 Backhoe	3

Schedule Activity No.	REMARKS

James Nores 05/17/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5-17-13 **TIME** 0760 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK Site grading, clean up around buildings. Repair water line.

SAFETY TOPICS PRESENTED

SAFETY TOPICS EYE Contact with operation

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]
Adolfo Madrigal	ERRG	Adolfo M.
F. LOZA	ERRG	[signature]
G. Trujillo	ERRG	G. Trujillo
Marlon Rivera	ERRG	[signature]
Boris Portillo	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Brianker	ERRG	[signature]
JEREMY AGUIAR	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
F. Lucasco	ERRG	[signature]

Richard Epp

[signature]

SUPERINTENDENT James Neres

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/17/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/17/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Paul Rodriguez	[signature]	5-17-13 0700
	JEREMY AGUIAR	[signature]	5-17-13 0700
	Jim Aguiar	[signature]	5-17-13 0700
	Brian Kerr	[signature]	5-17-13 0700
	Marlon Rivera	[signature]	5-17-13 0700
	Adolfo Madrigal	Adolfo M.	5-17-13 0700
	Rodrigo Pulido	Rodrigo	5/17/13 07:00
	Lupe Trujillo	Lupe	5/17/13 07:00
	F. LOZA	[signature]	5/17/13 0700
	Boris Popolitz	Boris P.	5/17/13 0700
	Spencer Johnson	[signature]	5/17/13 0700
	ENRIQUE MARTINEZ	[signature]	5-17-13 0700
	B. Lunasco	B. [signature]	5-17-13 0700

ERRG

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	CLOSE	Date:	5/17/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:		Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

PITS GRADING, HAUL SPOIL TO AREA D-1.

REMOVE CRACKED WATER PIPE, REPLACE SECTION, BOLT IN PLACE, SPOT BACKFILL + PRESSURE TEST WITH LOW PRESSURE.

CLEAN UP AROUND BEDS.

EQUIPMENT: EXCAVATOR, 2 OFF ROAD DUMP TRUCKS, BULLDOZER, PADDLE SCRAPER, MOTOR SCRAPER, SKIDLOADER, BACKHOE, 2 WATER TRUCKS, 2 RUBBERS

Signed: [signature] Date: 5/17/13

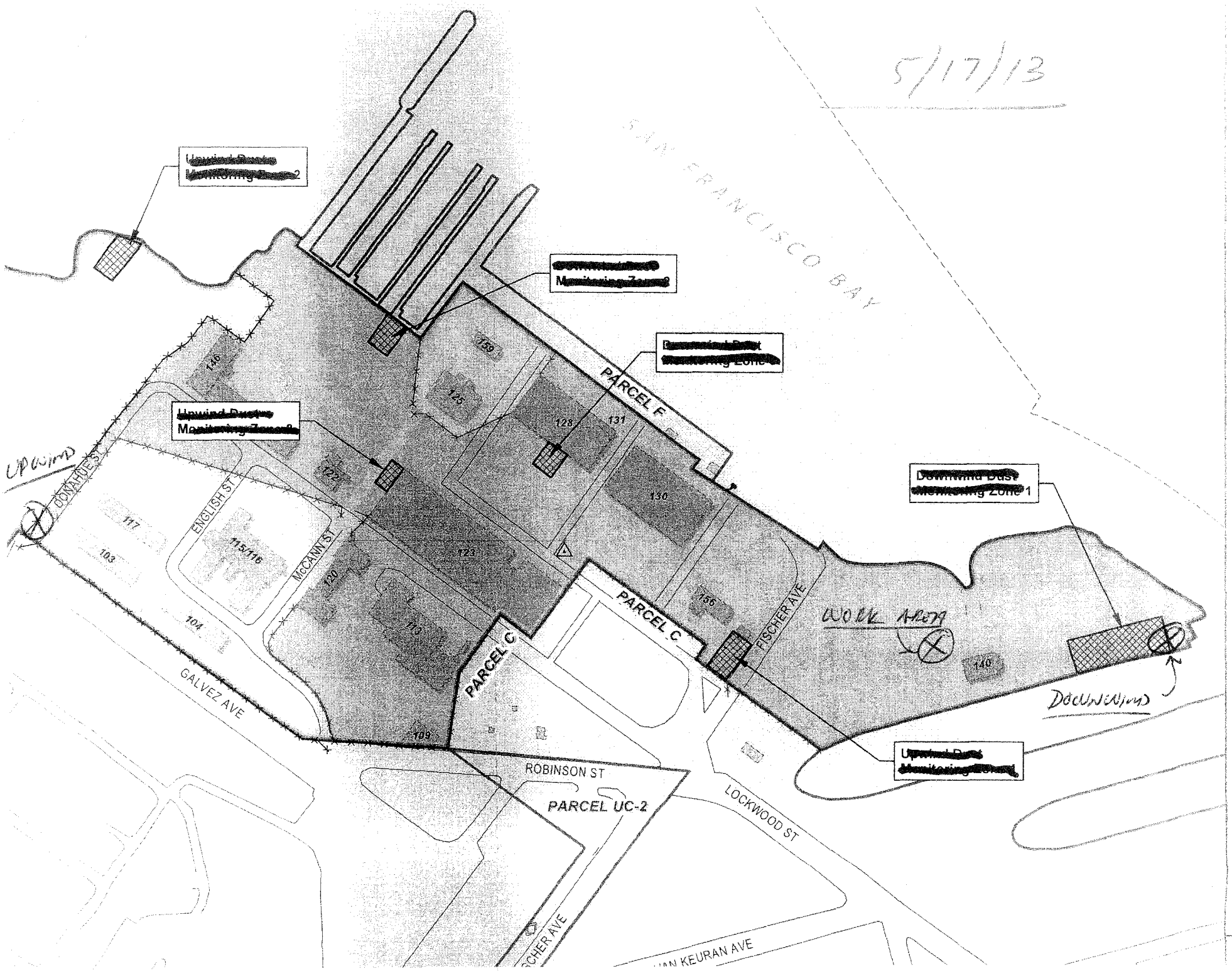
ERRG

AIR MONITORING LOG SHEET

ERRG

Richard Epp		Client:	US Navy
Hunters Point Naval Shipyards		Project No.:	2012-037
Parcel B		Page:	of
Date and Time):	5/15/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / DOWNWIND @ Gate Motor # 1161	5/17/13	0744	0.023	0.025	
		0830	0.000	0.000	
		0941	0.000	0.000	
		1046	0.000	0.000	
		1141	0.000	0.000	
		1319	0.000	0.000	
		1430	0.000	0.000	
		1529	0.000	0.000	
		1630	0.000	0.000	
WORK AREA / DD #3 SAFETY TRAILER Motor # 1008	5/17/13	0744	0.050	0.050	
		0833	0.021	0.029	
		0944	0.052	0.041	
		1048	0.028	0.032	
		1143	0.062	0.049	
		1323	0.031	0.039	
		1433	0.050	0.046	
		1532	0.050	0.040	
		1641	0.040	0.040	
DOWNWIND / DD #5 @ SHIPYARD Motor # 10973	5/17/13	0737	0.051	0.042	
		0827	0.001	0.000	
		0947	0.000	0.000	
		1053	0.000	0.000	
		1139	0.000	0.000	
		1338	—	—	OFF
		1345	—	—	WOULDN'T RESTART


5/17/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
117
103
115/116
104
120
122
123
125
128
131
130
156
159
146
109
140

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 615 Scraper **Identification Number:**

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

Inspected By (Initials) And Date:	BP 1693 5/8			BP 1697 5/9			BP 1700 5/10			BP 1702 5/13			BP 1702 5/14			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☒	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☒	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☒	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken: Right Rear Tire (Damage)
Fuel Gauge DONT work

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 650K JD Dozer **Identification Number:** YC3B96

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	444.7 5-13-13 JA			A.M. 5-14-13 Hr. 451.5			5-15-13 458.5 JA			5-16-13 464.4 JA			5-17-13 465.4			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	Head Liner
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☑	coming off
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and 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: EXCABATOR 225-D **Identification Number:** _____

Project Number / Name: H-P **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	KIKI 5-13-13												5/17 BP 1640.2			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	
Tracks	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Fire extinguisher present?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Gauges operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Windshield wipers operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Horn operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Steering and other controls	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: BACKHOE **Identification Number:** TW10026

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															
	H.P 5-15-13 Nor 5023.1															
	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

quipment Type: 735 CAT HAUL TRUCK **Identification Number:** M. 15884

roject Number / Name: M. P **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	KiKi 5-6-13 3482-0			Mi 5-7-13 HOR 34886												Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 735 **Identification Number:** M15884

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

Inspected By (Initials) And Date:	A.M. 5-13-13 3501.2			Kiki 5-14 3506.4			KI 5-17 Hon 3503.1									Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	1 Epejo Roto
Tracks	☐	☐	☑	☐	☐	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	Lado Derecho
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	■	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☑	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: BAKO Skip dozder 210 Identification Number: FC6X94

roject Number / Name: HSNA 037 Rental ☐ ERRG ☑

Heavy Equipment Defects

Inspected By (Initials) And Date:	5/13/13 15-319						A.M. 5-15-13 HR. 1538.7			A.M. 5-16-13 HR. 1545.5			A.M. 5-17-13 HR. 1551.9			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Gauges operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

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

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	Ki 5-8-13 1-12 5151.6			5/9/13 3320 35.0			5-14 5156			Ki 5-16 5159.9			Ki 5-17 5162.9			
	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: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 Truck **Identification Number:** 894768

Project Number / Name: 2012037 - HPSY PB **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects

Inspected By (Initials) And Date:	5/13/13 PR 2668.0			5/14/13 PR 2672.9			5/15/13 PR 2677.1			5/16/13 PR 2681.8			5/17/13 PR 2686.1			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	windshield has 2 little chips
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	minor fender dange and bumper dange crack in right side fender
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: KUBOTA Identification Number: TW11077

roject Number / Name: Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	5/13/13 06122			5/14/13 06132			5/15/13 06139			5/16/13 0615.5			5/17/13 0616.5			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☑	☑	☐	☑	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

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

Project Number / Name: HANS PARCEL B **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	5/9/13 9351			5/10/13 938.7			5/13/13 941.5			5/14/13 945.5			5/15/13 949.5			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?			✓			✓			✓			✓			✓	
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?	✓			✓			✓			✓			✓			
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?	✓			✓			✓			✓			✓			
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?		✓			✓			✓			✓			✓		
Lights and signals operative?	✓			✓			✓			✓			✓			
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Explain corrective actions taken:

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 17/05/13

REPORT NO 129

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
05	Continued rough grading the area southwest of Building 121 to prepare the pavement subgrade; transported soil from cut area and placed in fill
	area between Building 156 and Dry Dock 3. Continued clearing vegetation and debris around the perimeter of buildings to prepare for grading.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Repaired the broken section of the water line between Building 104 and Building 115/116 by installing a new section of 12-inch diameter PVC
	water pipe. Performed leak check and restored service to the water line.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/17/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/17/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**			**X**	
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/17/13

Photo 1: Asphalt Cover Installation – Rough grading of the area southwest of Building 121

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 17, 2013

Photo 2: Asphalt Cover Installation – Rough grading of the area southwest of Building 121

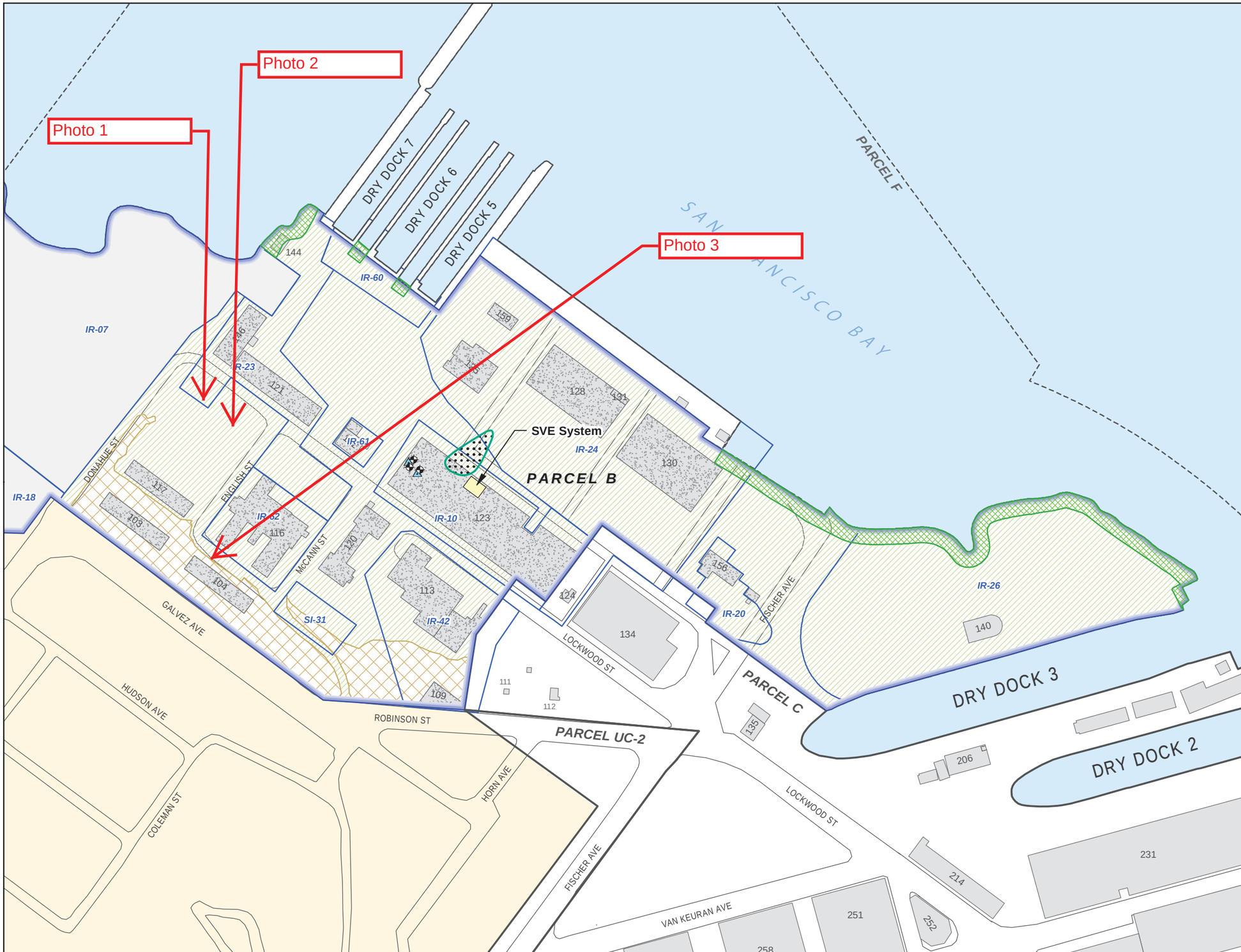
HPNS Parcel B Remedial Action, San Francisco, California

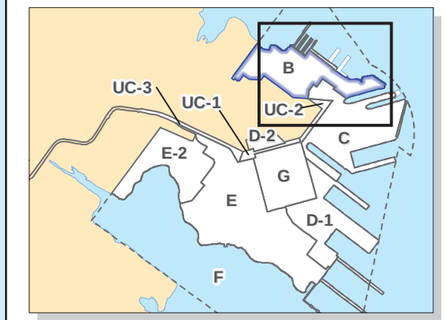
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 17, 2013

Photo 3: Asphalt Pavement Installation – New section of PVC pipe installed to repair the water line between Building 104 and Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 17, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	130		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	71	MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew continue with irrigation installation on all of the hydroseed slopes and fill	ERRG	1	Project Manager	0
	areas.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew continue making cut between buildings 117 and 121, transport cut and	ERRG	2	QC Staff	20
	place between dry dock 3 and building 156.	ERRG	5	Equipment Operators	30
		ERRG	5	Laborers	44
05	Finish backfill and compaction of repaired water line.	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	17,549
TOTAL WORK HOURS FROM START OF CONSTRUCTION	17,681

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	3
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	4
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS

James Nores 05/20/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	20/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	130 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	71
MIN TEMP (F)	58

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	Harris Blade	Cat 735 haul truck	8
05	JS Cole	Cat 972 Loader	8
05	Harris Blade	Top Gun Street Sweeper	2
05	ERRG	JD 710 Backhoe	3

Schedule Activity No.	REMARKS

James Nores 05/20/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/20/12 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, BACKFILL WATER LINE, CLEAN AROUND BLDGS, INSTALL SPRINKLER SYSTEM ON SLOPES

SAFETY TOPICS PRESENTED

SAFETY TOPICS EYE CONTACT WITH OPERATORS, STAFF

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Lucasio	ERRG	B. Lucasio
King Bailey	ERRG	[illegible]
Adolfo Madrigal	ERRG	Adolfo M.
Marlon Rivera	ERRG	[illegible]
F. LOZA	ERRG	[illegible]
Brian Kerr	ERRG	[illegible]
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	LUPE
Enrique Mantile	ERRG	[illegible]
Kevin Woodhouse	ERRG	[illegible]
[illegible]	" "	[illegible]
Spencer Johnson	ERRG	[illegible]
Mike Babast	ERRG	[illegible]
Ted Huage	ERRG	[illegible]

Yvonne Eng [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: #1 SITE PREP #12 SITE GRADING #11 EROSION CONTROL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		5/20/13 0700
Site Safety and Health Officer:	[redacted] R. EAP		5/20/13 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	B. Guerra	B. Guerra	5-20-13 0700
	Troy Bailey		5-20-13 0700
	Marlon Rivera		5-20-13 0700
	F. LOZA		5-20-13 0700
	Adolfo Madrigal	Adolfo M.	5-20-13 0700
	Paul Rodriguez		5-20-13 0700
	Brian Kerr		5-20-13 0700
	Rodrigo Pulido	Rodrigo	5/20/13 07:00
	Lupe Trujillo	Lupe	5/20/13 07:00
	Enrique Martinez		5-20-13 0700
	[illegible]		5/20/13
	Spencer Johnson		5/20/13 0700
	Mike Babst		5/20/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	5/20/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	LABORERS LOCAL 261 - JOSEPH SCOTT		

Description of Field Activities:

SITE GRADING - HAULING DOWN TO AREA D-1.

BACKFILL, COMPACT + GRADE PIPE REPAIR.

INSTALLING PVC PIPING FOR SLOPE CHANNELING SYSTEM.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, BULLDOZER, PADDLE SCRAPER, MOTOR GRADER, SKIP LOADER, BACKHOE, 2 WATER TRUCKS, 2 KUBOTAS

Signed: [signature] Date: 5/20/12

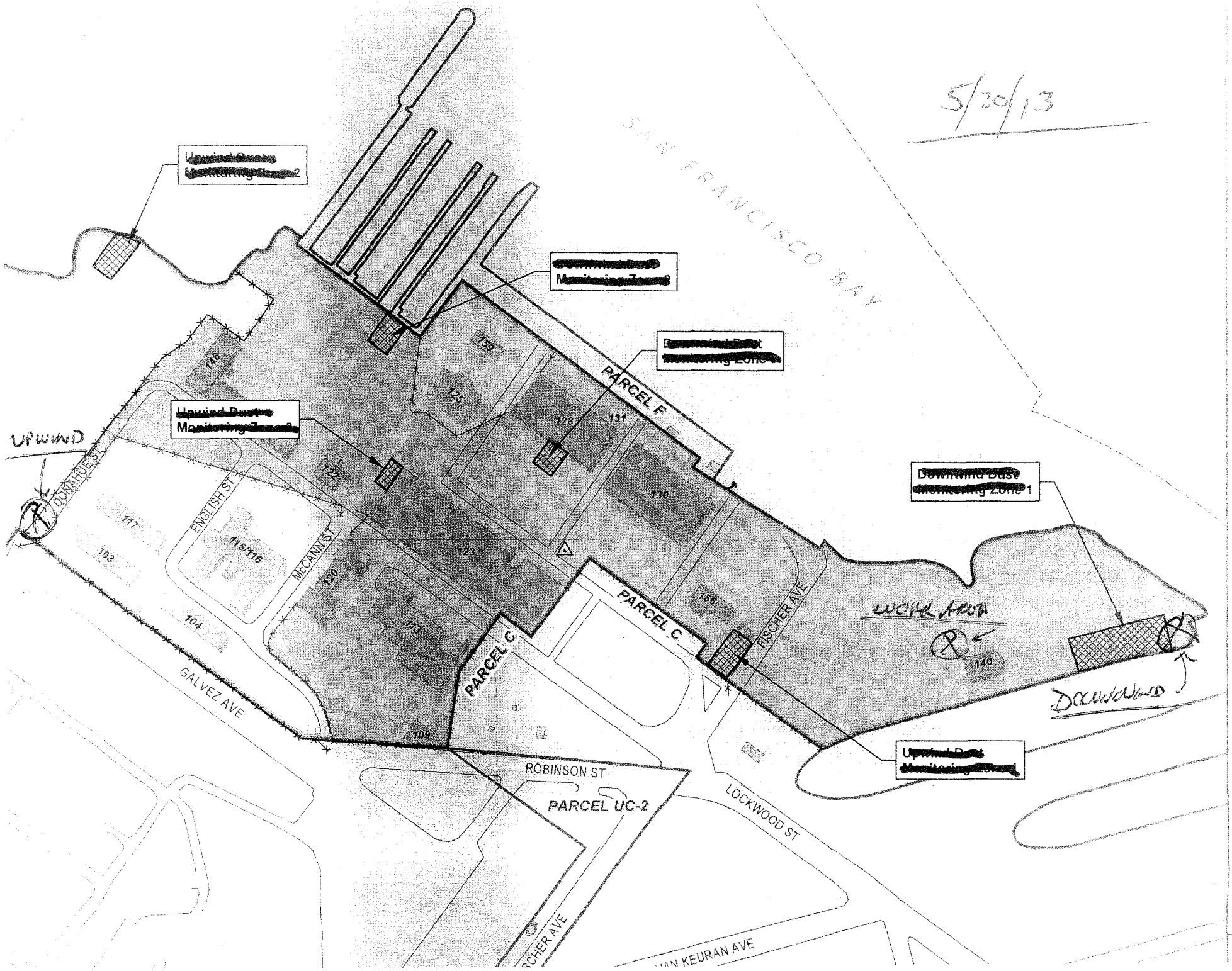
ERRG

AIR MONITORING LOG SHEET

ERRG

...ichard Epp		Client:	US Navy
...unters Point Naval Shipyards		Project No.:	2012-037
Parcel B		Page:	of
...(Date and Time):	5/15/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND/DONAHUE @ GARVEZ	5/20/13	0832	0.030	0.027	
METER # 1161		0948	0.021	0.023	
		1154	0.011	0.017	
		1333	0.011	0.014	
		1438	0.010	0.013	
		1505	0.011	0.012	
WORK AREA/DD#3 SAFETY	5/20/13	0902	0.084	0.081	
TABLE / METER # 1008		1018	0.072	0.073	
		1152	0.071	0.060	
		1330	0.056	0.066	
		1434	0.081	0.074	
		1458	0.027	0.073	
DOWNWIND/DD#3 @	5/20/13	0915	0.001	0.001	
SHORELINE METER # 10973		1025	0.001	0.000	
		1150	0.000	0.000	
		1328	0.000	0.001	
		1431	0.000	0.000	
		1455	0.000	0.000	


5/20/13
SAN FRANCISCO BAY
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
WORK AREA
DOWNWIND
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	20/05/13
REPORT NO	130

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

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued installing irrigation piping on the soil cover near Building 104.
05	Continued rough grading the area southwest of Building 121 to prepare the pavement subgrade; transported soil from cut area and placed in fill
	area between Building 156 and Dry Dock 3. Performed grading of the pavement subgrade between Building 156 and Dry Dock 3.
	Continued clearing vegetation and debris around the perimeter of buildings to prepare for grading.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Completed backfill and compaction around the repaired section of water line between Building 104 and Building 116.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/20/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/20/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**			**X**	
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/20/13

Photo 1: Soil Cover Installation – Supply manifold for the irrigation piping installed at the water valve east of Building 104

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 20, 2013

Photo 2: Asphalt Cover Installation – Rough grading of the area southwest of Building 121

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 20, 2013

Photo 3: Asphalt Pavement Installation – Grading the pavement subgrade between Building 156 and Dry Dock 3

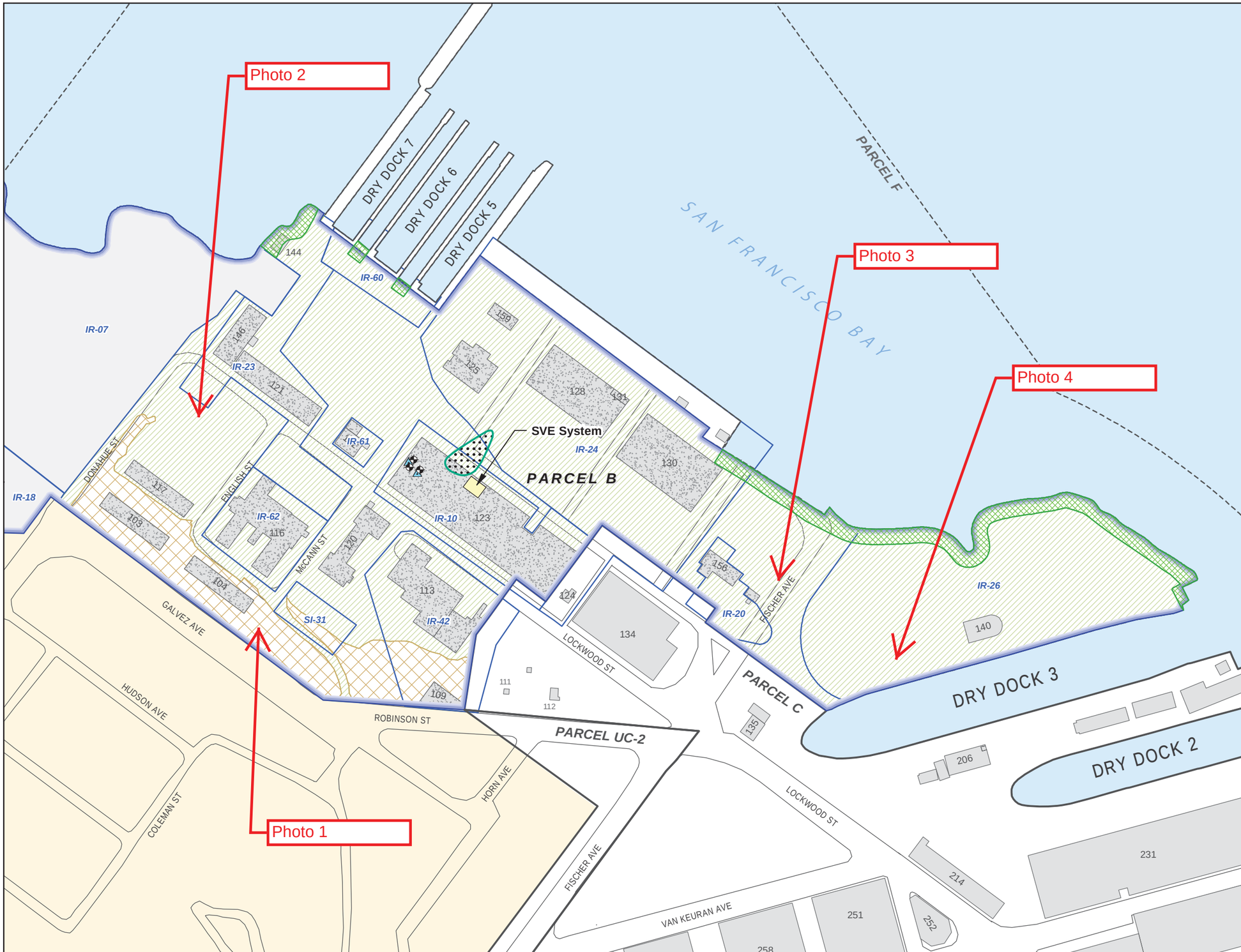
HPNS Parcel B Remedial Action, San Francisco, California

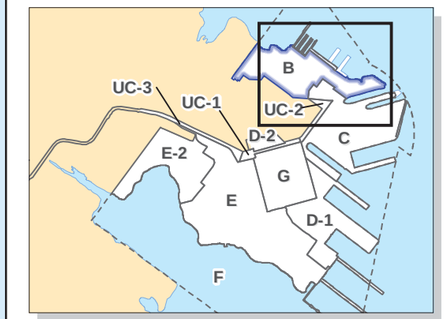
Photographed by: Richard Epp (ERRG, Inc.) Date: May 20, 2013

Photo 4: Asphalt Pavement Installation – Grading the pavement subgrade west of Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

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





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 21/05/13	REPORT NO: 131
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 65	MIN TEMP (F): 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew continue with irrigation installation on all of the hydroseed slopes and fill	ERRG	1	Project Manager	4
	areas.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew continue making cut between buildings 117 and 121, transport cut and	ERRG	2	QC Staff	20
	place between dry dock 3 and building 156.	ERRG	5	Equipment Operators	31
		ERRG	6	Laborers	43
05	Crew excavate drainage ditch between site 7/18 and building 146	ERRG	3	Truck Drivers	19

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE 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	17,681
TOTAL WORK HOURS FROM START OF CONSTRUCTION	17,826

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	3
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	4
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
	Weekly QC Meeting with Navy and ERRG QC Staff.

James Nores 05/21/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	131 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	65
MIN TEMP (F)	58

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	0
05	Harris Blade	Top Gun Street Sweeper	2

Schedule Activity No.	REMARKS

James Nores — 05/21/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/21/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, WATER PIPING

SAFETY TOPICS PRESENTED

SAFETY TOPICS EYE CONTACT, STAFF, 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
B. Lucasio	ERRG	B. Lucasio
Marlon Rivera	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
F. Loza	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Enrique Martinez	ERRG	[signature]
Ted Hugel	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]
[illegible]	ERRG	[signature]
Ty Appl	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Boris Pontillo	ERRG	Boris Pontillo
[illegible]	ERRG	[signature]

Richard Eng [signature]

SUPERINTENDENT James Nares

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: 10 SITE GRADING
11 EROSION CONTROL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		5/20/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		5/21/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	B. LUCASCO		5-21-13 @ 0700
	Marlon Rivera		5-21-13 0700
	Adolfo Rodriguez	Adolfo R.	5-21-13 0700
	Rodrigo Pulido	Rodrigo	5/21-13 07:00
	Lupe Trujillo	Lupe	5/21-13 07:00
	F. LOZA		5-21-13 0700
	ENRIQUE MARTINEZ		5-21-13 0700
	Ted Hugo		5-21-13 6:47
	Spencer Johnson		5/21/13 0700
	Mike Babost		5/21/13 0700
			5-21-13 0700
			5/21/13 0700
	Brian Kerr		5/21/13 0700
			5/21/13

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	5/21/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR & WINDY	Page:	1 of 1
Site Visitors:	WN - PETER STROGANOFF, DOUG DELONG, SHIRLEY NG, AWDY UHUSA		

Description of Field Activities:

SITE GRADING, REMOVING RUBBLE & HAULING TO AREA D1.

INSTALLING WATER PIPING ON SLOPED/HYDRO SEEDED AREAS.

EXCAVATING EXISTING DRAINAGE DITCH AT DONAHUE ST.

EQUIPMENT 1 EXCAVATOR, OFF ROAD DUMP TRUCK, MOTOR GRADER, SKIP LOADER, FORKLIFT, 2 WATER TRUCKS, 7 KUBOTAS, BACKHOE

Signed: [signature] Date: 5/21/13

ERRG

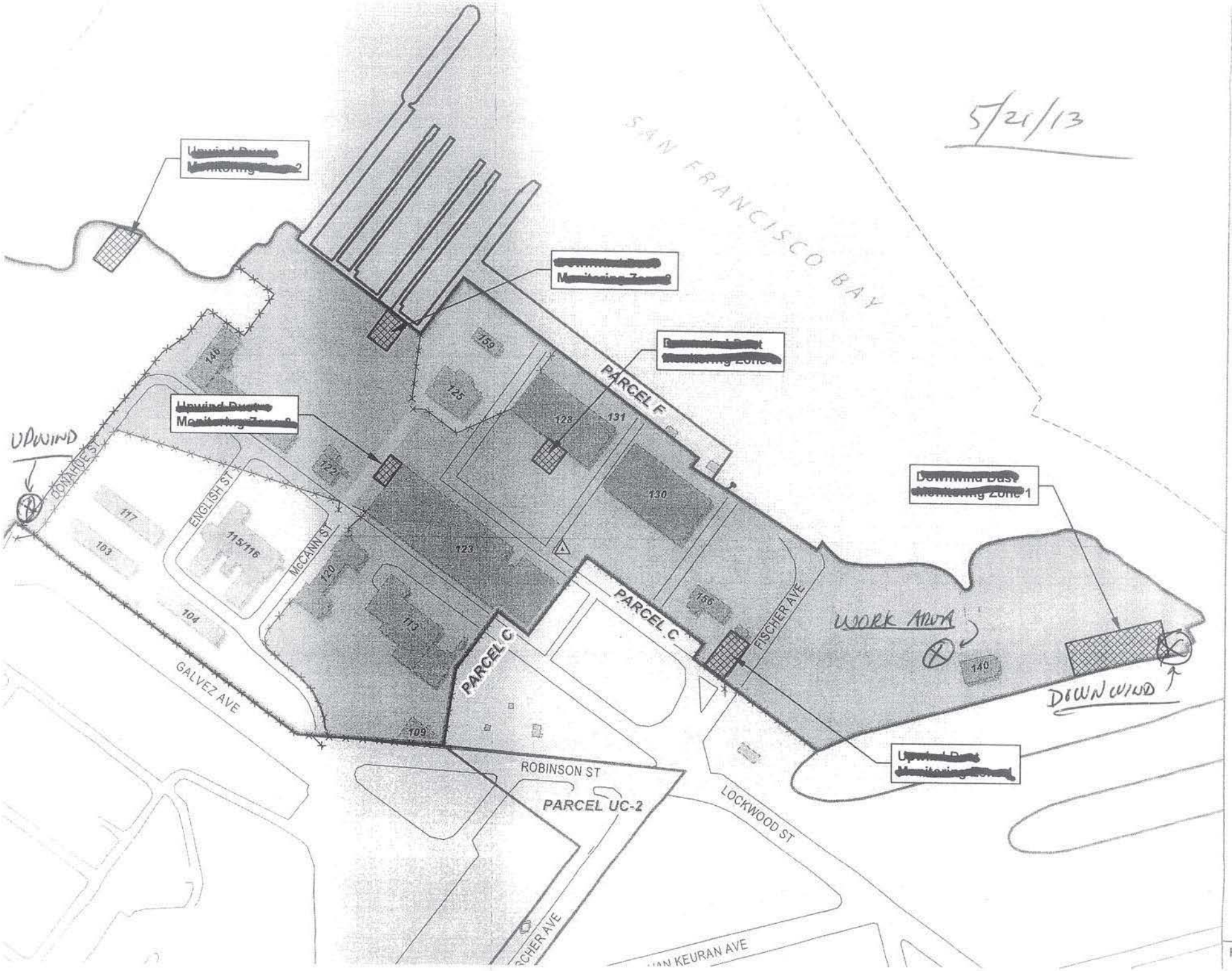
AIR MONITORING LOG SHEET

ERRG

Richard Epp
Hunters Point Naval Shipyards
Parcel B
Weather (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 @ GRAVEL MONITOR # 1161	5/21/13	0726	0.017	0.024	
		0815	0.012	0.016	
		0942	0.009	0.010	
		1112	0.005	0.009	
		1243	0.005	0.010	
		1344	0.008	0.009	
		1446	0.004	0.009	
WORK AREA / DD#3 SAFETY TABLE MONITOR # 1008	5/21/13	0732	0.042	0.046	
		0830	0.023	0.035	
		0949	0.024	0.029	
		1047	0.079	0.029	
		1246	0.030	0.031	
		1350	0.044	0.040	
		1450	0.047	0.058	
DOWNWIND / DD#3 @ SHORELINE / MONITOR # 10773	5/21/13	0736	0.016	0.011	
		0832	0.000	0.001	
		0951	0.000	0.000	
		1048	0.000	0.000	
		1248	0.000	0.000	
		1351	0.000	0.001	
		1453	0.105	0.015	MONITOR FELL, LAYING IN DIRT.


5/21/13
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
146
159
125
128
131
130
122
117
103
115/116
120
123
113
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	21/05/13
REPORT NO	131

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

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued installing irrigation piping on the soil cover.
05	Continued rough grading the area southwest of Building 121 to prepare the pavement subgrade; transported soil from cut area and placed in fill
	area between Building 156 and Dry Dock 3. Performed grading of the pavement subgrade between Building 156 and Dry Dock 3.
	Excavated drain rock and soil from the swale adjacent to Donahue St to prepare the swale for grading.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/21/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/21/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	X			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	X			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	X			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**			X	
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			X	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	X			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			X	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			X	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/21/13

Photo 1: Asphalt Cover Installation – Removing degraded pavement to prepare a cut area for grading

HPNS Parcel B Remedial Action, San Francisco, California

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

Photo 2: Asphalt Cover Installation – Grading the pavement subgrade over the area between Building 156 and Dry Dock 3

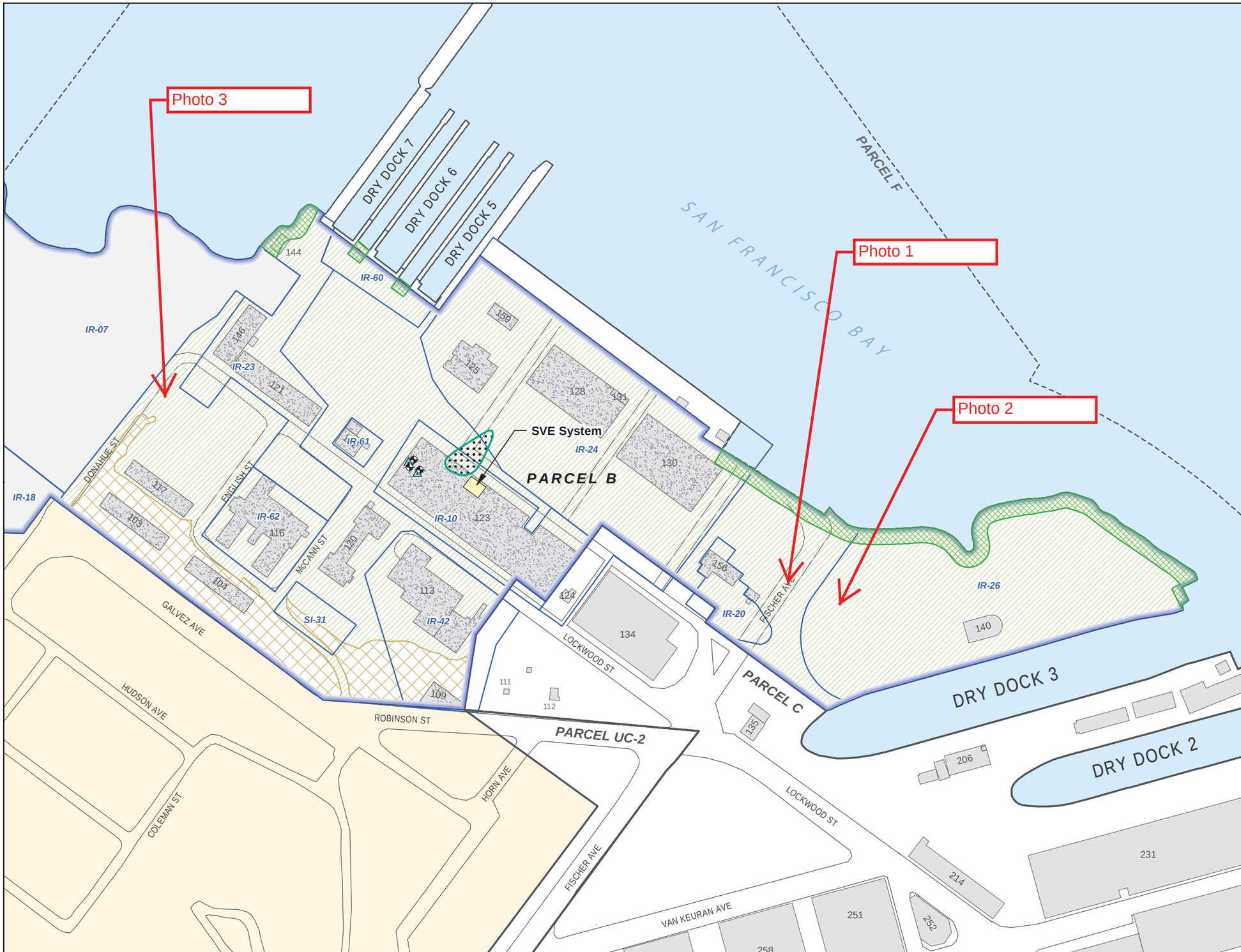
HPNS Parcel B Remedial Action, San Francisco, California

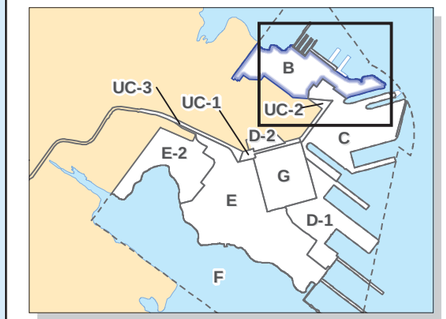
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 21, 2013

Photo 3: Asphalt Pavement Installation – Excavation of the drainage swale adjacent to Donahue St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 21, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 22/05/13	REPORT NO: 132
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 64	MIN TEMP (F): 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew continue with irrigation installation on all of the hydroseed slopes and fill	ERRG	1	Project Manager	0
	areas.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew excavating out wet areas, backfilling and re-compacting. Continue	ERRG	2	QC Staff	20
	making cut along revetment edge.	ERRG	6	Equipment Operators	42
		ERRG	6	Laborers	35
05	Continued site grading between building 156 and the revetment.	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	137
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	17,826
TOTAL WORK HOURS FROM START OF CONSTRUCTION	17,963

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	3
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	4
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS

James Nores 05/22/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	22/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	132 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	58

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	0
05	Harris Blade	Top Gun Street Sweeper	0

Schedule Activity No.	REMARKS

James Nores — 05/22/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/22/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, PIPING SYSTEM ON SLOPES

SAFETY TOPICS PRESENTED

SAFETY TOPICS EYE CONTACT, AWARENESS AROUND YOU, 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
F. Loza	ERRG	[signature]
G. Trujillo	ERRG	G. Trujillo
Marlon Rivera	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
P. Rodriguez	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Brian Kerr	ERRG	[signature]
Jim Aguilar	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Bonnie Pontillo	" "	Bonnie Pontillo
Mike Bubst	ERRG	[signature]
Ted Hugel	ERRG	[signature]
Spencer Slomingh	ERRG	[signature]

Richard Eng [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 #: 11 EROSION CONTROL #12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/22/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/22/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/22/13 0700
Employee(s):	Adolfo Madrigal	Adolfo M.	5-22-13 0700
	F. LOZA	[signature]	5 22 13 700
	G. Trujillo	G. Trujillo	5-22 13 700
	Marlon Rivera	[signature]	5-22-13 0700
	P Rodriguez	[signature]	5-22-13 0700
	ENRIQUE MARTINEZ	[signature]	5-22-13 0700
	Brian Kerr	[signature]	5-22-13 0700
	Rodrigo Pulido	Rodrigo	5-22-13 0700
	Jim Aguiar	[signature]	5-22-13 0700
	Spencer Johnson	[signature]	5/22/13 0700
	Boni Portillo	Boni P.	5/22/13 0700
	Mike Babst	[signature]	5/22/13 0700
	Ted Huaga	[signature]	5/22/12 710

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	5/22/13
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:

SITE GRADING, POURING ASPHALT & HAULING TO AREA D-1,

EXCAVATING, BACKFILLING + COMPACTING PRIOR CONTRACTOR TRENCHES AT NECESSARY LOCATIONS.

INSTALLING WATER PIPING AND SPRINKLER HEADS ON SLOPES

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, BULDOZER, MOTOR GRADER, PADDLE SCRAPER, SKID LOADER, 2 WATER TRUCKS

Signed: [signature] Date: 5/22/13

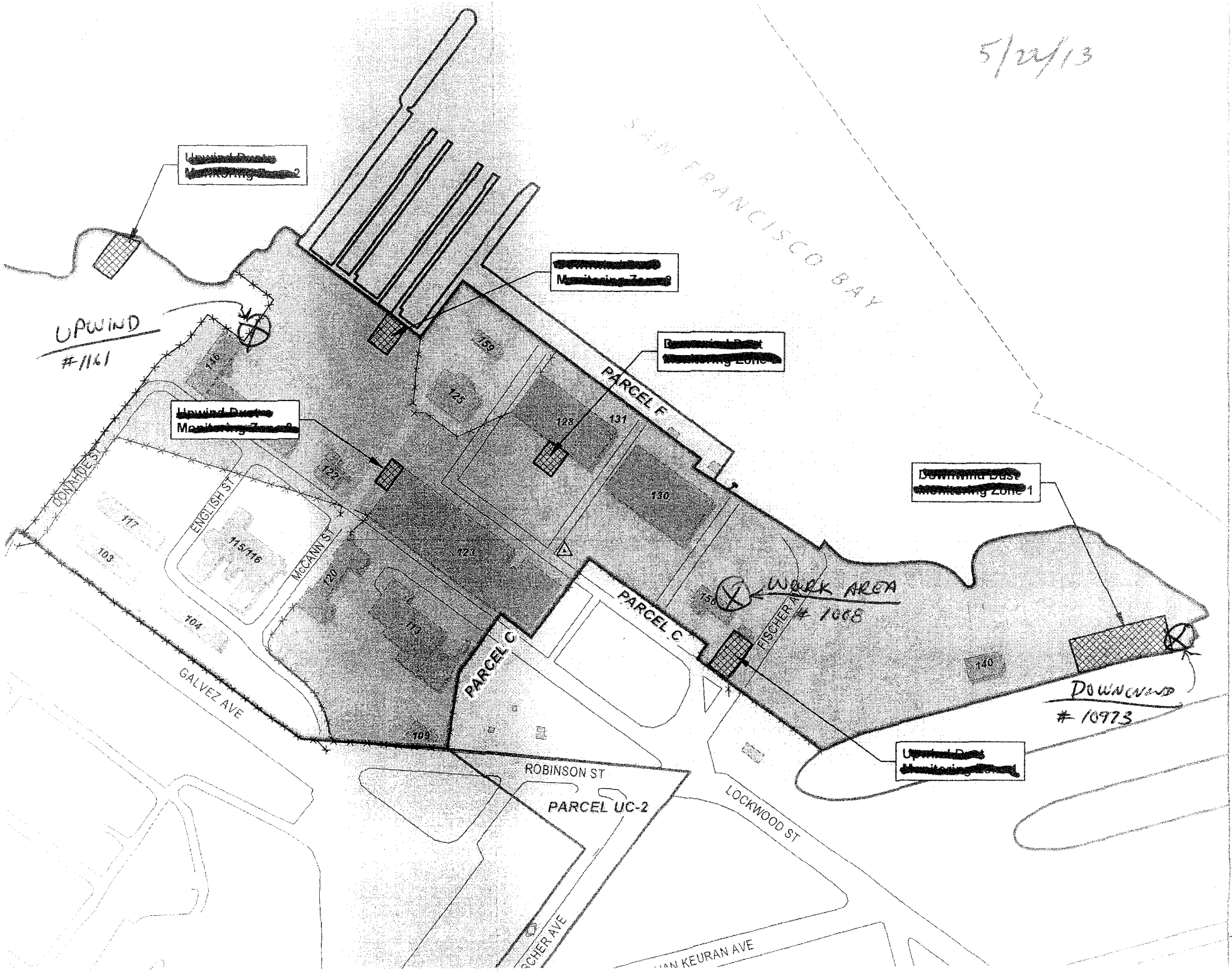
ERRG

AIR MONITORING LOG SHEET

ERRG

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

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / North of Bldg 146 Meter # 1161	5/22/13	0732	0.021	0.016	
		0833	0.000	0.000	
		0931	0.000	0.000	
		1028	0.000	0.000	
		1125	0.000	0.000	
		1306	0.001	0.000	
		1435	0.000	0.000	
WORK AREA / North of Bldg. 156 / Meter # 1008	5/22/13	0749	0.026	0.029	
		0836	0.026	0.027	
		0940	0.028	0.024	
		1032	0.023	0.024	
		1130	0.036	0.024	
		1301	0.031	0.029	
		1424	0.041	0.030	
		1438	0.055	0.031	
DOWNWIND / DD#3 @ Sea Shore / Meter #10773	5/22/13	0746	0.000	0.000	
		0838	0.000	0.000	
		0937	0.000	0.000	
		1034	0.000	0.000	
		1309	—	—	DEAD, RESET
		1430	—	—	DEAD


5/22/13
SAN FRANCISCO BAY
UPWIND
#1161
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
WORK AREA
1008
DOWNWIND
10973
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
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	22/05/13
REPORT NO	132

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

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued installing irrigation piping on the soil cover.
05	Continued rough grading the area east of Building 130 to prepare the pavement subgrade; transported soil from cut areas along the edge of the
	revetment and placed in fill areas between Building 156 and Dry Dock 3. Performed grading of the pavement subgrade between Building 130
	and Dry Dock 3. Excavated wet soil from soft spots in the subgrade between Building 156 and Dry Dock 3 and backfilled with filter rock.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/22/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/22/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**			**X**	
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/22/13

Photo 1: Asphalt Cover Installation – Rough grading the pavement subgrade east of Building 130

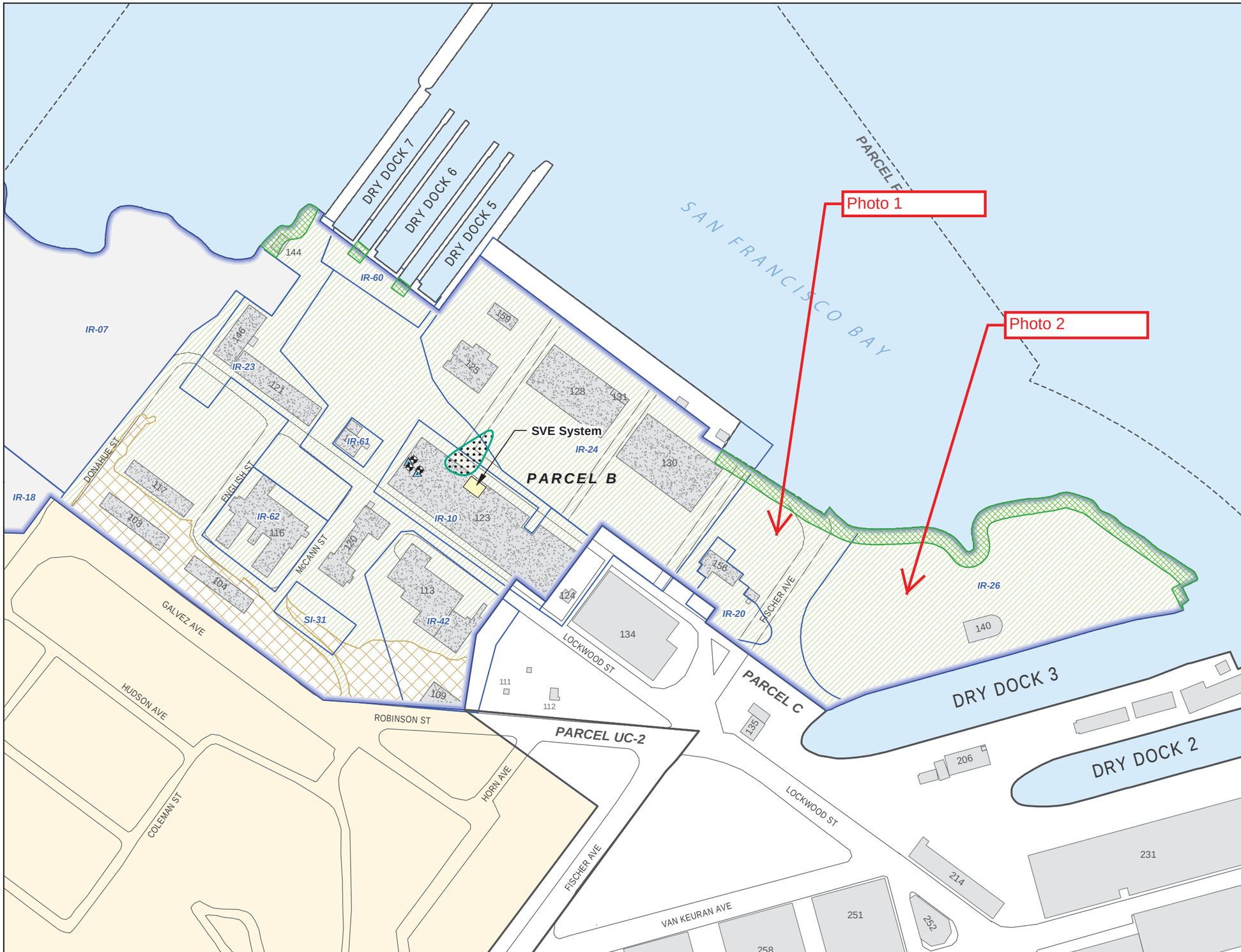
HPNS Parcel B Remedial Action, San Francisco, California

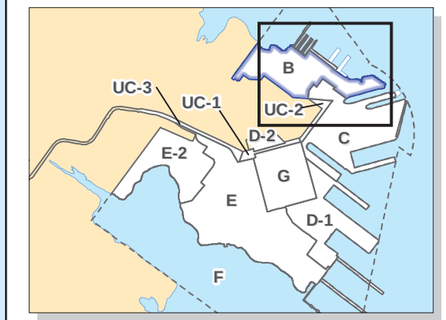
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 22 2013

Photo 2: Asphalt Cover Installation – Grading the pavement subgrade over the area between Building 156 and Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

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





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 23/05/13	REPORT NO: 133
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 64	MIN TEMP (F): 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew continue with irrigation installation on all of the hydroseed slopes and fill	ERRG	1	Project Manager	0
	areas.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew excavating out wet areas, backfilling and re-compacting. Continue	ERRG	2	QC Staff	20
	making cut along revetment edge.	ERRG	7	Equipment Operators	50
		ERRG	6	Laborers	42
05	Continued site grading between building 156 and the revetment.	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	152
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	17,963
TOTAL WORK HOURS FROM START OF CONSTRUCTION	18,115

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		84" 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
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	3
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS

James Nores 05/23/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	23/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	133 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	58

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	ERRG	JD 710 Backhoe	2
05	JS Cole	Cat 972 Loader	8
05	Harris Blade	Top Gun Street Sweeper	0
05	United Rentals	84" Smooth Drum Roller	4

Schedule Activity No.	REMARKS

James Nores — 05/23/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/23/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, WATER PIPING ON SLOPES

SAFETY TOPICS PRESENTED

SAFETY TOPICS EYE CONTACT, NO BEHIND EQUIPMENT, STOP, TRAFFIC

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

ISSUED LPO CARDS: _____ Yes _____ No

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Lindsey	ERRG	B. Lindsey
Adolfo Nadaigal	ERRG	Adolfo N.
Marlon Rivera	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
G. Trujillo	ERRG	G. Trujillo
F. LOZA	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Brian Kerr	ERRG	[signature]
Bonis Pondelle	ERRG	Bonis Pondelle
Jim Hguin	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]
Ted Huegel	ERRG	[signature]
King Brady	ERRG	[signature]
Spencer Stephens	ERRG	[signature]
JOHN SOURIAL	ERRG	[signature]

Signed By [signature]

SUPERINTENDENT James Flores

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: 11 EROSION CONTROL #12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/23/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/23/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/23/13 0700
Employee(s):	B. Lunasco	B. Lunasco	5-23-13 @ 0700
	Marlon Rivera	[signature]	5-23-13 0700
	Adolfo Madrigal	Adolfo M.	5-23-13 0700
	G. Trujillo	G. Trujillo	5-23-13 0700
	F. LOZA	[signature]	5-23-13 0700
	[illegible]	[signature]	5-23-13 0700
	Rodrigo Pulido	Rodrigo	5-23-13 0700
	Brian Kerr	[signature]	5-23-13 0700
	Enrique Martinez	[signature]	5-23-13 0700
	Boris Portillo	Boris P.	5/23/13 0700
	Jim Aguiar	[signature]	5-23-13 0700
	Spencer Johnson	[signature]	5/23/13 0700
	Mike Babst	[signature]	5/23/13 0700
	Ted Hugel	[signature]	5-23-13 7:10
	[illegible]	[signature]	5-23-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	5/23/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	MARK PELHAMS - GRANITE		

Description of Field Activities:

SITE GRADING FOR BASE, COMPACTING

EXCAVATING ASPHALT + RUBBLE, HAULING TO AREA D-1

INSTALLING ROAD CROSSINGS, MANIFOLD AND SPRINKLER HEADS ON WATER SPRINKLER SYSTEM FOR SLOPES.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, BULLDOZER, SKID LOADER, MOTOR GRADER, PADDLE SCRAPER, BACKHOE FORKLIFT, 2 WATER TRUCKS, 2 KUBOTAS

Signed: [signature] Date: 5/23/13

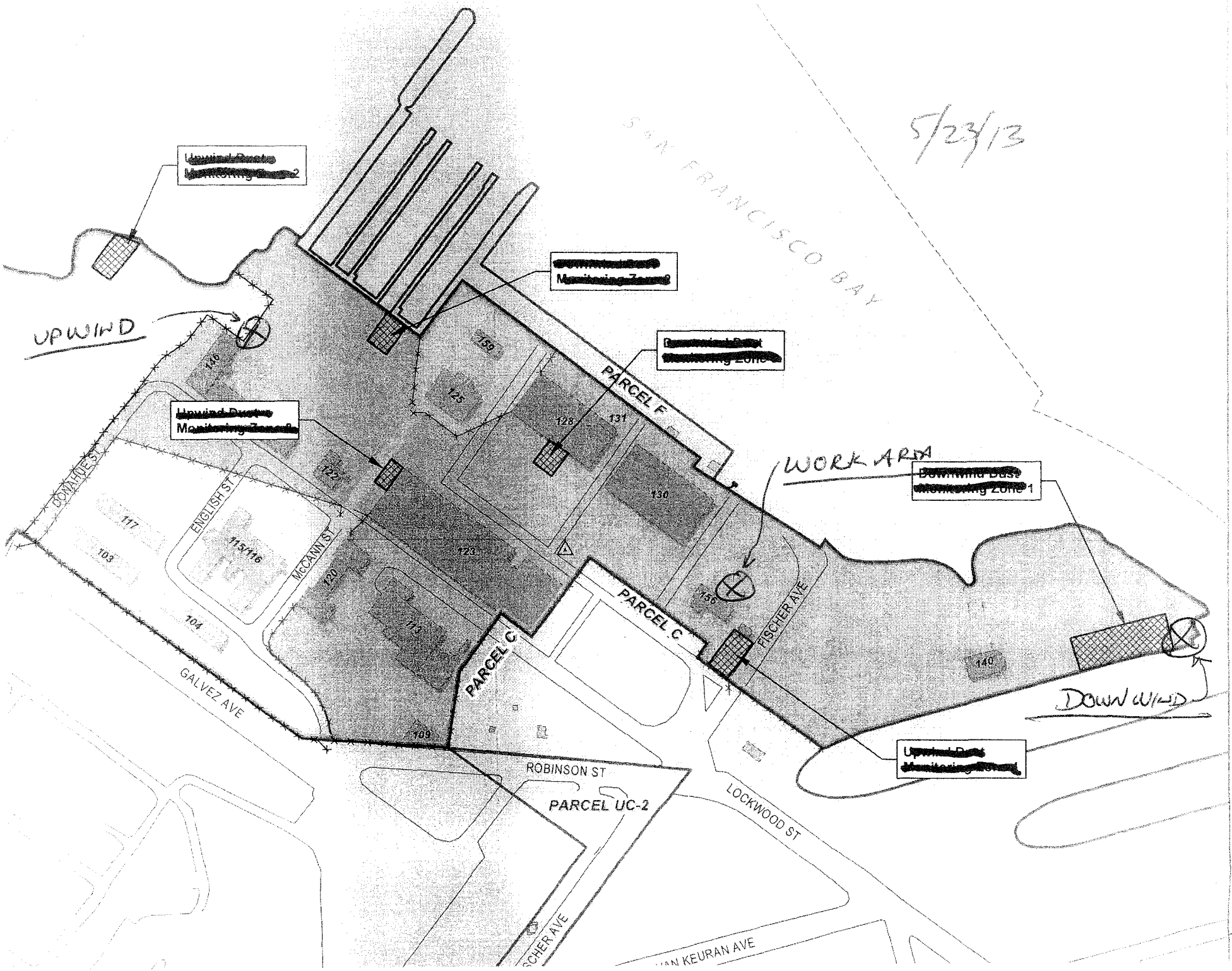
ERRG

AIR MONITORING LOG SHEET

ERRG

[illegible]	Richard Epp	Client:	US Navy
[illegible]	Hunters Point Naval Shipyards	Project No.:	2012-037
[illegible]	Parcel B	Page:	of
[illegible] (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND/LAYDOWN AREA FENCE MOTOR # 1161	5/23/13	0908	0.020	0.025	
		1002	0.013	0.014	
		1130	0.016	0.013	
		1300	0.019	0.015	
		1418	0.010	0.014	
		1455	0.020	0.015	
WORK AREA/SAFETY TABLE @ Bldg 156/Motor # 1008	5/23/13	0912	0.032	0.040	
		1005	0.040	0.027	
		1128	0.029	0.028	
		1302	0.040	0.030	
		1348	0.024	0.032	
		1457	0.041	0.033	
DOWNWIND/DD#3 @ SEASHORE/Motor # 10973	5/23/13	0914	0.003	0.001	
		1018	0.000	0.000	
		1115	0.000	0.000	
		1304	0.000	0.000	
		1345	0.000	0.000	
		1500	0.000	0.000	


5/23/13
SAN FRANCISCO BAY
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
146
159
125
128
131
130
122
123
120
113
117
103
115/116
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 23/05/13

REPORT NO 133

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued installing piping and sprinkler heads for the irrigation system on the soil cover.
05	Continued rough grading the area east of Building 130 to prepare the pavement subgrade; transported soil from cut areas along the edge of the
	revetment and placed in fill areas between Building 156 and Dry Dock 3. Performed grading of the pavement subgrade between Building 130
	and Dry Dock 3. Continued compacting the pavement subgrade over the area between Building 156 and Dry Dock 3.
	Continued excavating wet soil from soft spots in the subgrade and backfilling the excavations with fill material.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/23/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Photo 1: Soil Cover Installation – Irrigation system installed on the soil cover between Building 103 and Building 117

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 23 2013

Photo 2: Asphalt Cover Installation – Rough grading the pavement subgrade over the area west of Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 23, 2013

Photo 3: Asphalt Cover Installation – Compacting the pavement subgrade using a sheepsfoot roller

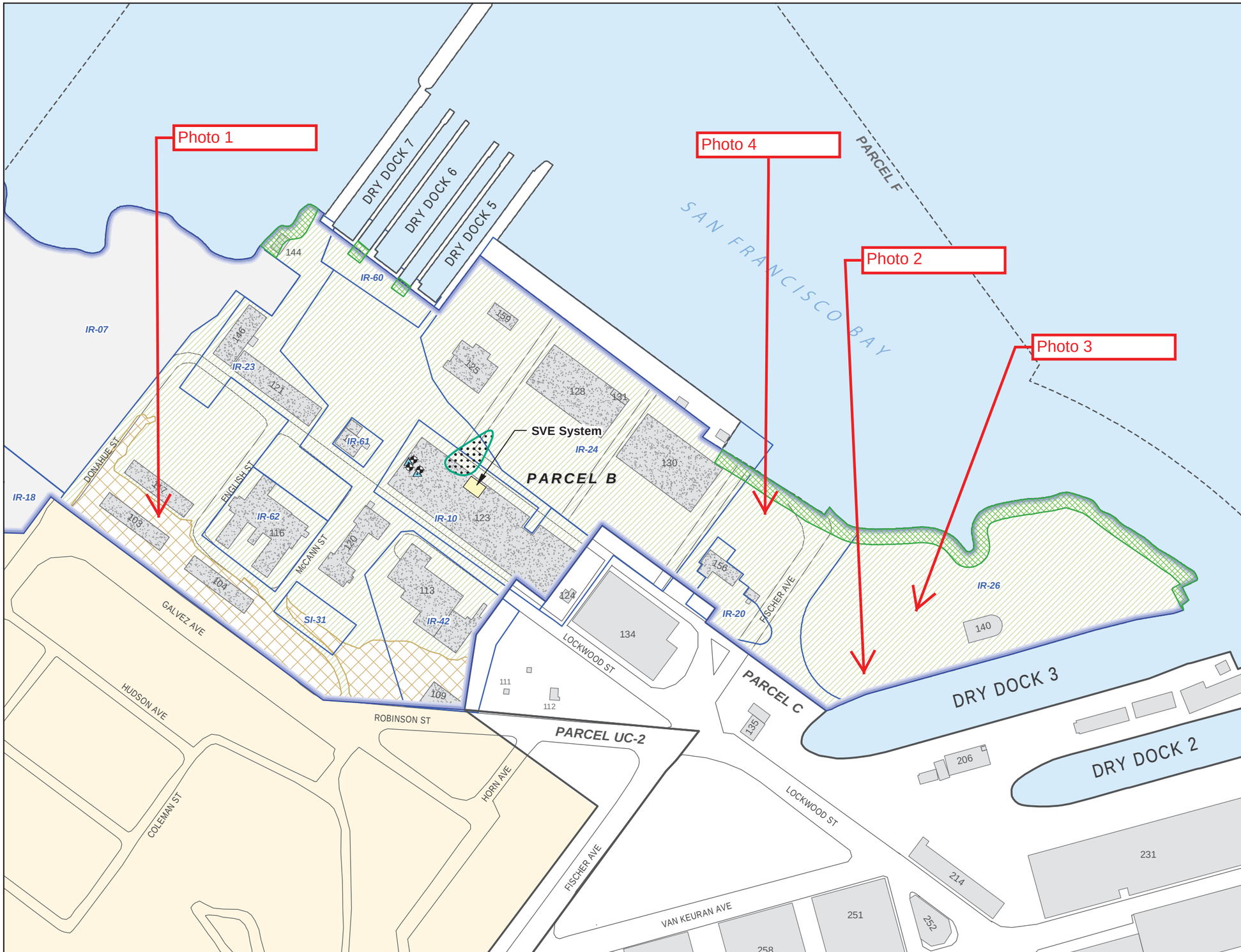
HPNS Parcel B Remedial Action, San Francisco, California

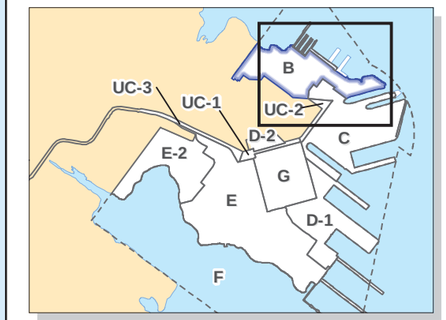
Photographed by: Richard Epp (ERRG, Inc.) Date: May 23 2013

Photo 4: Asphalt Cover Installation – Cutting the drainage swale located parallel to the revetment east of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 23, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	24/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	134		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	66	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Crew finish with irrigation installation on all of the hydroseed slopes and fill	ERRG	1	Project Manager	0
	areas.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew excavating out wet areas, backfilling and re-compacting. Continue	ERRG	2	QC Staff	20
	making cut along revetment edge.	ERRG	7	Equipment Operators	48
		ERRG	6	Laborers	44
05	Continued site grading between building 130 and the dry dock 3.Cut and remove	ERRG	2	Truck Drivers	12
	rail as necessary to make subgrade elevations.				
03	Building interior foundation repairs inside B125				

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	152
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	18,115
TOTAL WORK HOURS FROM START OF CONSTRUCTION	18,267

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	ERRG	JLG Skytrak 8K reach forklift	3
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
05	Move remaining filter rock stockpile from our lay down area to behind building 113 adjacent to the rip rap stockpile for TPH area.

James Nores 05/24/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	24/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	134 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	66
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	ERRG	JD 710 Backhoe	2
05	JS Cole	Cat 972 Loader	8
05	Harris Blade	Top Gun Street Sweeper	0
05	United Rentals	84" Smooth Drum Roller	4

Schedule Activity No.	REMARKS

James Nores 05/24/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/24/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, WATER PIPE SYSTEM INSTALL, CLEANING AROUND BLDGS & SITE.

SAFETY TOPICS PRESENTED

SAFETY TOPICS EYE CONTACT, EQUIPMENT, STAFF, HYDRATION

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

ISSUED LPO CARDS: _____ Yes _____ No

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Lamasco	ERRG	[signature]
Raul Rodriguez	[illegible]	[signature]
Ted Huael	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
Enrique Martinez	ERRG	[signature]
F. Loza	ERRG	[signature]
M. Rivera	ERRG	[signature]
Jim Agniano	ERRG	[signature]
Boris Portillo	ERRG	Boris Portillo
Spencer Johnson		
Mike Babst	ERRG	[signature]
Tony Bailey	ERRG	[signature]
Ty Appl	ERRG	[signature]

Signed Eng

SUPERINTENDENT James Nores

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #11 EROSION CONTROL
#12 SITE GRADING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/24/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	B. Lunasca	[signature]	5-24-13 @ 0700
	Paul Rodriguez	[signature]	5-24-13 0700
	Ted Huegel	[signature]	5-24-13 6:50
	Brian Kerr	[signature]	5-24-13 0700
	Adolfo Madrigal	Adolfo M.	5-24-13 0700
	Rodrigo Pulido	Rodrigo	5/24/13 0700
	Lupe Trujillo	Lupe	5/24/13 0700
	Marlon Rivera	[signature]	5/24/13 0700
	Enrique Martinez	[signature]	5-24-13 0700
	F. LOZA	[signature]	5-24-13 0700
	Jim Aguiar	[signature]	5-24-13 0700
	Boris D.	[signature]	5/24/13 0700
	Spencer Johnson	[signature]	5/24/13 0700
	Mike Babst	[signature]	5/24/13 0700
	Kirby Bailey	[signature]	5-24-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	5/24/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR / WINDY	Page:	1 of 1
Site Visitors:			

Description of Field Activities:

SITE GRADING EAST OF BLDG 130 TO THE POINT OF DD.#3

EXCAVATING, BACKFILLING & COMPACTING SOFT SPOTS FROM PRIOR CONTRACTOR BACKFILLING.

ADJUSTING SPRINKLER SYSTEM HEADS, SETTING UP SYSTEM & TESTING.

FILLING FLOOR CRACKS IN BLDG 125 FOR FDN. RESTORATION

REMOVING AND CUTTING RAILS AS NECESSARY TO MEET GRADE.

MOVED FILTER RACK FROM LAYDOWN AREA TO BEHIND BLDG. 113

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, END LOADER, SHEEPSFOOT ROLLER, SMOOTH ROLLER, BULLDOZER, MOTOR GRADER, PADDLE SCRAPER, 2 WATER TRUCKS, SKIDLOADER, 2 KUBOTAS

Signed: [signature] Date: 5/24/13

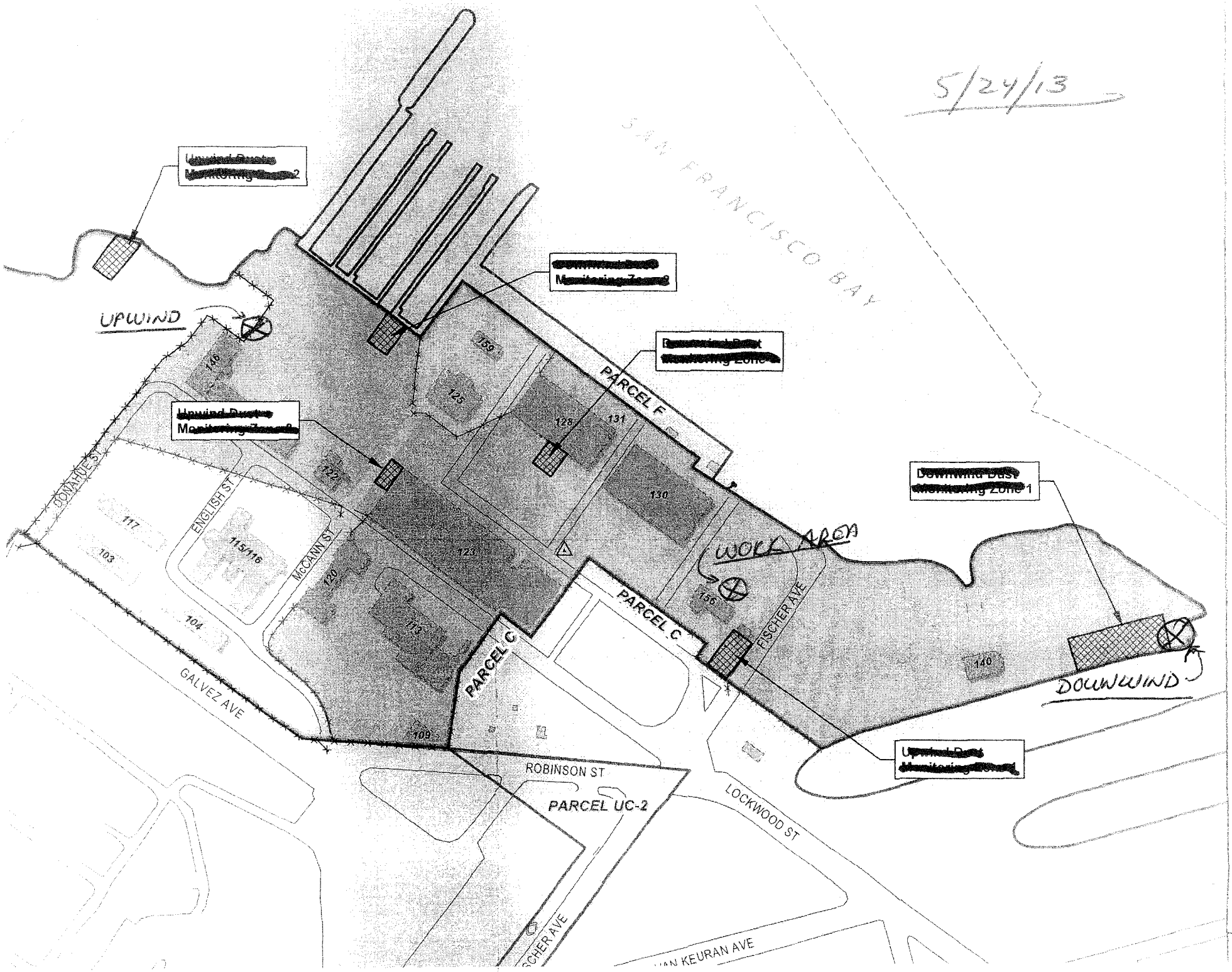
ERRG

AIR MONITORING LOG SHEET

ERRG

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

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND/LAYDOWN FENCE	5/24/13	0728	0.032	0.036	
METER # 1161		0824	0.025	0.025	
		0941	0.026	0.025	
		1040	0.026	0.024	
		1124	0.023	0.023	
		1358	0.045	0.020	
		1428	0.022	0.020	
		1513	0.021	0.020	
WORK AREA/SAFETY TABLE	5/24/13	0735	0.052	0.067	
BLDG 156 / METER # 1008		0831	0.023	0.025	
		0947	0.043	0.042	
		1042	0.044	0.043	
		1127	0.044	0.042	
		1330	0.041	0.043	
		1426	0.043	0.044	
		1457	0.050	0.045	
DOWNWIND DD#3 @	5/24/13	0740	0.000	0.000	
SHORELINE) METER # 10973		0834	0.000	0.000	
		0950	0.000	0.000	
		1044	0.000	0.000	
		1130	0.000	0.000	
		1404	0.009	0.001	
		1450	0.030	0.002	


5/24/13
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
FISCHER AVE
LOCKWOOD ST
VAN KEURAN AVE
146
159
125
128
131
130
122
123
120
113
117
103
104
109
115/116
156
140

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Scraper 615 Identification Number: _____

roject Number / Name: 2012-037 Rental ☒ ERRG ☐

	Heavy Equipment Defects															
Inspected By (Initials) And Date:	BP 5/15 1704.0			FL 5/16 1705.2			FL 5/17 1705.6			FL 5						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken: Fuel Gauge don't work

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SCRAPER **Identification Number:** _____

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 5-20-13 1710.2			FL 5-21-13 1715			5.23-13 1720.3			5-24-13 1723						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓						
Tracks			✓			✓			✓			✓				
Steps and handgrips	✓			✓			✓			✓						
Guards on moving parts?	✓			✓			✓			✓						
Engine belts and hoses	✓			✓			✓			✓						
Fluid levels acceptable?	✓			✓			✓			✓						
Loading/lifting capacity marked?	✓		✓			✓			✓			✓				
Seat belt operative?	✓			✓			✓			✓						
Fire extinguisher present?	✓			✓			✓			✓						
Windows and mirrors unbroken?	✓			✓			✓			✓						
Gauges operative?		✓			✓			✓			✓					FUEL GAUGE OUT
Battery charged?	✓			✓			✓			✓						
Windshield wipers operative?	✓			✓			✓			✓						
Horn operative?		✓			✓			✓			✓					HORN DOESN'T WORK
Back up alarm operative?	✓			✓			✓			✓						
Lights and signals operative?	✓			✓			✓			✓						
Steering and other controls	✓			✓			✓			✓						
Brakes	✓			✓			✓			✓						

Explain corrective actions taken: _____

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: LOADER Identification Number: _____

Project Number / Name: H P Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	5-21-13 KiKi H4982-8			5-24- H4988.												Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Violations and corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 735 CAT HAUL TRUCK Identification Number: M15788

Project Number / Name: HPNS Rental ☒ ERRG ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 2983 5-21-13			FL 2990.9 5-22-13			KI 29918 5-22-13			K 2993 5-23-			5-24 KI 2999.6			
	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?		✓			✓				✓			✓			✓	SMALL RIGHT SIDE MIRROR BROKEN.
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?	✓			✓			✓			✓			✓			
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?	✓			✓			✓			✓			✓			
Lights and signals operative?	✓			✓			✓			✓			✓			
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Failure and corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 350 Excavator Identification Number:

roject Number / Name: 2012-037 Rental ☒ ERRG ☐

Heavy Equipment Defects																
Inspected By (Initials) And Date:	BP 5/13 2726.0			BP 5/14 2734.4												Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken: Dent on Left Rear (Panel)

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Skip Loader **Identification Number:** FC 6X94

Project Number / Name: H.P. 037 **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
				A.M. 5-21-13 HR. 1559.4			A.M. 5-22-13 HR. 1563.7			A.W. 5-23-13 HR. 1570.3			A.M. 5-24-13 HR. 1576.5			
	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: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 310 BACKHOE **Identification Number:** UT6064

roject Number / Name: H.P. 037 **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
				H. M. 5-21-13 HR-5029.0			5-23-13 BL 5034.8									
	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	☐	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: JLG 6 FORK LIFT Identification Number: 798150-549

roject Number / Name: HPNS Rental ☐ ERRG ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	4-29-13 1579 FL			4-30-13 FL 15804			5-1-13 FL 15813									
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: JLG FORKLIFT **Identification Number:** _____

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 1583 5-8-13			FL 1585 5-7-13			FL 1586 5-8-13			FL 1587.3 5-18-13						
	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: #20 Truck **Identification Number:**

Project Number / Name: HPN54 PB **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects

Inspected By (Initials) And Date:	5/20/13 PR 2691.3			5/21/13 PR 2696.0			5/22/13 2700.6			5-24-13 Ki 2703.7						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓						Fender right side has crack; minor bumper on front fender damage windshield has two chips
Tracks			✓			✓			✓			✓				
Steps and handgrips	✓			✓			✓			✓						
Guards on moving parts?	✓			✓			✓			✓						
Engine belts and hoses	✓			✓			✓			✓						
Fluid levels acceptable?	✓			✓			✓			✓						
Loading/lifting capacity marked?	✓			✓			✓			✓						
Seat belt operative?	✓			✓			✓			✓						Having problems with rear sprayer rear sprayer out
Fire extinguisher present?	✓			✓			✓			✓						
Windows and 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: Let Jimmy know of problem / added oil 5/22/13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Kabota **Identification Number:** 11078

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	SJ 5/16/13 952.4			SJ 5/17/13 954.1			5/20/13 955.3			5/21/13 958.2			5/22/13 960.4			
	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 24/05/13

REPORT NO 134

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Completed installation of piping and sprinkler heads for the irrigation system on the soil cover areas.
05	Continued rough grading the area between Building 130 and Dry Dock 3 to prepare the pavement subgrade. Cut and removed railroad tracks
	and performed grading of the area adjacent to Building 130. Continued rough grading the area southwest of Building 121. Continued
	excavating wet soil from soft spots in the subgrade and backfilling the excavations with fill material. Continued compacting the pavement
	subgrade over the area between Building 156 and Dry Dock 3. Finished compacting the pavement subgrade northeast of Building 140.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
03	Completed all foundation repairs within Building 125. Verified that the activities complied with the Building Foundation Inspection and Resoration
	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 — 05/24/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Building Foundation Inspection and Restoration

Date: 05/24/13
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**				
Have certificates for cement, aggregate, and admixtures been submitted (03 30 00 Concrete, Sec 1.3.2)?	**Prep**				
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**				
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 all penetrations in the floor of Building 125
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: 05/24/13

Asphalt Cover Installation

Date: 05/24/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**			**X**	
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/24/13

Photo 1: Soil Cover Installation – Irrigation system installed on the soil cover between McCann St and Building 109

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 24 2013

Photo 2: Asphalt Cover Installation – Excavation of soft spots in the pavement subgrade

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 24, 2013

Photo 3: Asphalt Cover Installation – Rough grading of the pavement subgrade northwest of Dry Dock 3

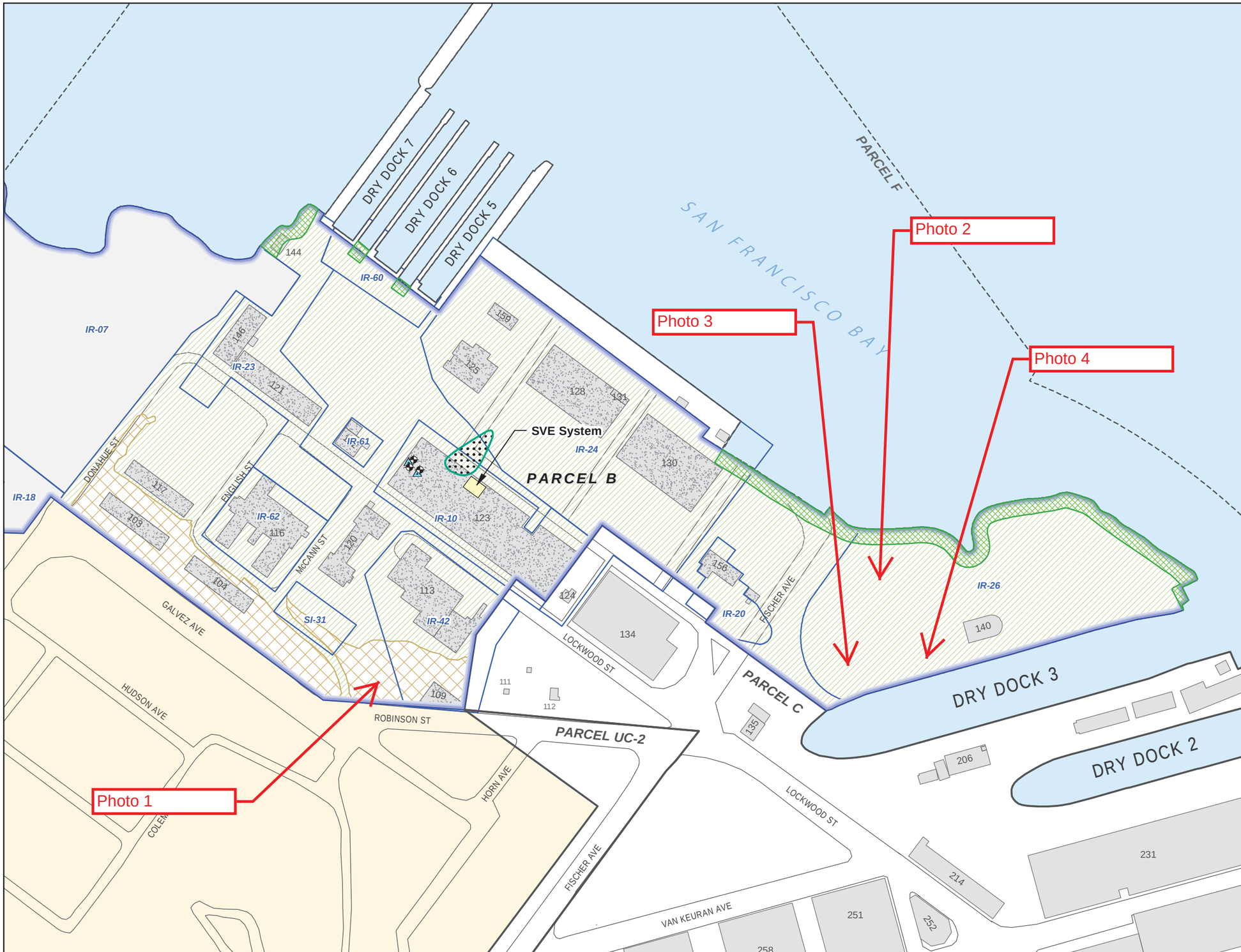
HPNS Parcel B Remedial Action, San Francisco, California

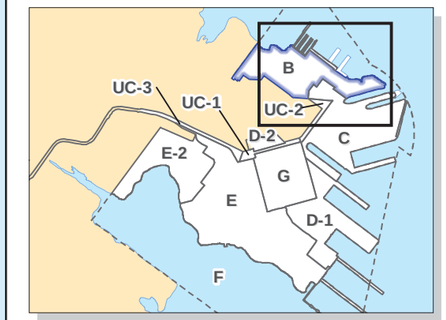
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 24 2013

Photo 4: Asphalt Cover Installation – Compaction of the pavement subgrade northeast of Building 140

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 24, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	28/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	135		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	64	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Load out, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
05	Begin AB import at the point (east of pump house) 6 bottom dumps looping	ERRG	1	Project Manager	0
	place grade and compact.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Continue site rough grade north of building 117 cut and fill northeast of building	ERRG	1	QC Staff	10
	123.	ERRG	7	Equipment Operators	52
		ERRG	5	Laborers	34
05	Crew working on removing rails and ties in the area northeast of building 121	ERRG	2	Truck Drivers	14
	as necessary to reach subgrade elevations.	Harris Blade	1	Motor Grader Operator	8

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	148
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	18,267
TOTAL WORK HOURS FROM START OF CONSTRUCTION	18,415

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		Cat 14H Motor Grader

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	0
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	8

Schedule Activity No.	REMARKS
05	Weekly QC Meeting with Navy and ERRG QC and Supervisory staff
05	Import 78 Loads (1893.14 tons) Class II AB

James Nores 05/28/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	28/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	135 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	ERRG	JD 710 Backhoe	2
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores 05/28/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 5/28/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, CLEAN AROUND BLDGS., IMPORTING BASE MATERIAL, INSTALL BASE

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, SUN PROTECTION, BACK FROM HOLIDAY, TRUCK TRAFFIC, EQUIPMENT PROXIMITY

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]
King Bailey	ERRG	[illegible]
Paul Rodriguez	ERRG	[illegible]
F. LOZA	ERRG	[illegible]
G. Trujillo	ERRG	G. Trujillo
M. Rivera	ERRG	[illegible]
Rodrigo Pulido	ERRG	Rodrigo
Adolfo Madrigal	ERRG	Adolfo M.
Jim Aguiar	ERRG	[illegible]
Brian Kerr	ERRG	[illegible]
Boris P	" "	[illegible]
Enrique Martinez	" "	[illegible]
Spencer Johnson	ERRG	[illegible]
David English	Harris	[illegible]
[illegible] Flomish	ERRG	[illegible]
Demond Brooks	Monroe Trucking	Demond Brooks
Ramjit Singh	Rana Transport	[illegible]
Daput Singh	D. St Pocket	

SUPERINTENDENT James Flores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
AVTAR SINGH	A. S. TRUCKING	[signature]
MELVIN HORNE	E. BUTLER TRUCK	[signature]
TY ADAM	ERRG	[signature]
J. Carrick	ERRG	[signature]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE: _____

SIGNATURE: _____

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: #14 BASE INSTALLATION
10 SOIL COVER
#13 IMPORTING BASE

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/28/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/28/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/28/13 0700
Employee(s):	B. Lucasco	[signature]	5-28-13 @ 0700
	King Bailey	[signature]	5-28-13 @ 0700
	P. Rodriguez	[signature]	5/28/13 0700
	M. Rivera	[signature]	5/28/13 0700
	F. LOZA	[signature]	5-28-13 0700
	G. Trujillo	G. Trujillo	5-28-13 0700
	Adolfo Madrigal	Adolfo M.	5-28-13 0700
	Rodrigo Pulido	Rodrigo	5/28/13 0700
	Brian Kerr	[signature]	5/28/13 0700
	Jim Aguiar	[signature]	5-28-13 0700
	Boris P	[signature]	5/28/13 0700
	ENRIQUE MARTINEZ	[signature]	5-28-13 0700
	Spencer Johnson	[signature]	5/28/13 0700
	David English	[signature]	5/28/13

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	5/28/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR, WINDY	Page:	1 of 1
Site Visitors:	USN - PETER STROGANOFF, DOUG DELONG, SHIRLEY NC, ANDY VHOSA SITEH - TOM KING, RICH JUSTIN		

Description of Field Activities:

SITE GRADING, REMOVING ASPHALT FROM LAYDOWN AREA, REMOVING BLDG FDNS FROM AREA NORTH OF BLDG 117, HAULING RUBBLE TO AREA D-1. CUTTING RAILS

IMPORTING BASE MATERIAL, PLACING AND COMPACTING IN AREA BY DRY DOCK #3, NORTH OF PUMPHOUSE, IMPORTING WITH 6 TANDEM BOTTOM DUMP TRUCKS.

EQUIPMENT - EXCAVATOR, OFF ROAD DUMP TRUCK, BULLDOZER, 2 MOTOR GRADERS, PADDLE SCRAPER, SKIP LOADER, BACKHOE, 2 WATER TRUCKS, 2 ROLLERS (SMOOTH AND SHEEPSFOOT) 2 KUBOTAS

Signed: [signature] Date: 5/28/13

ERRG

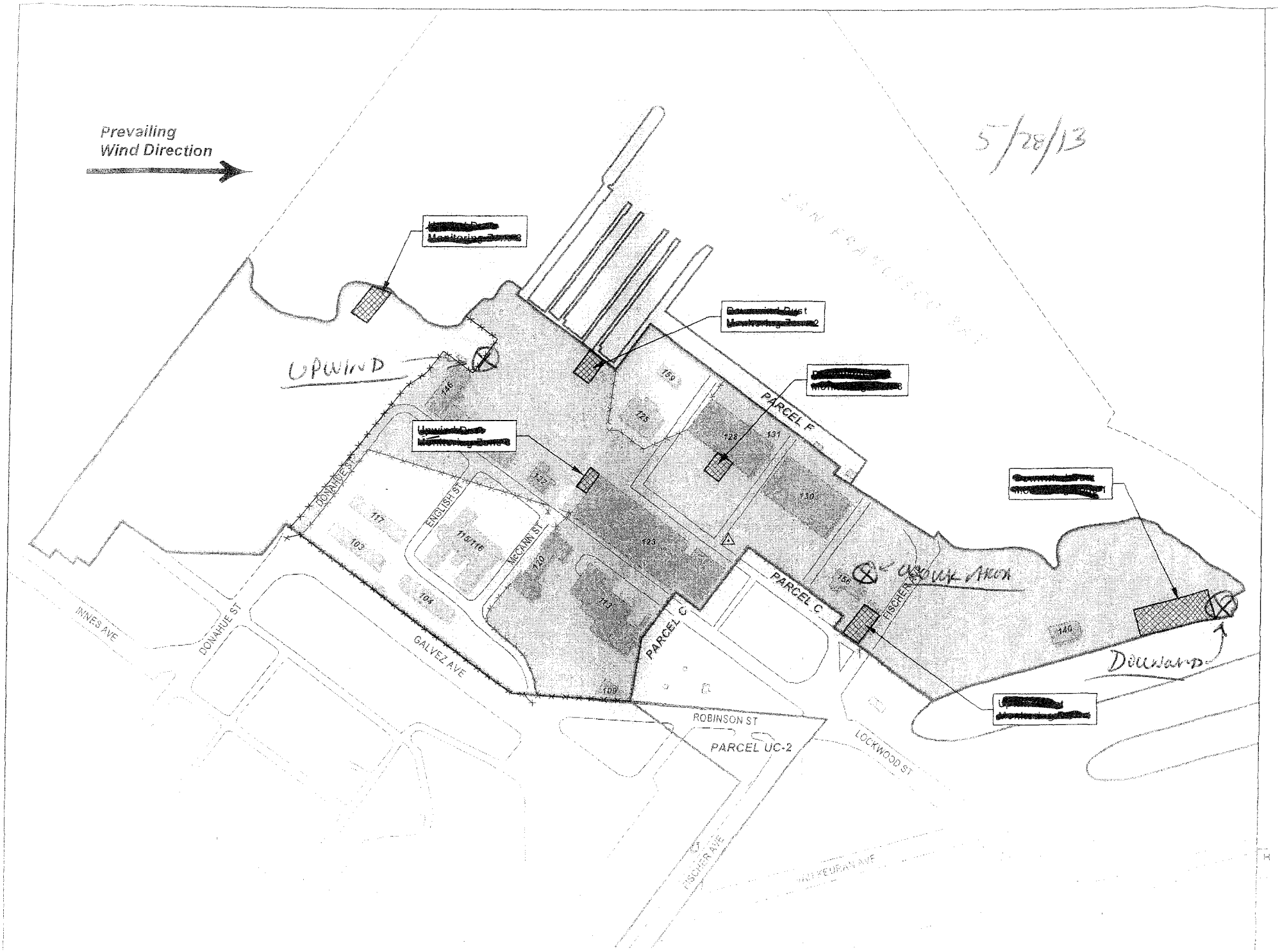
AIR MONITORING LOG SHEET

ERRG

Richard Epp
Hunters Point Naval Shipyards
Parcel B
(Date and Time): 5/15/13

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

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN FENCE MONR. # 1161	5/28/13	0730	0.014	0.027	
		0837	0.001	0.007	
		0923	0.001	0.003	
		1038	0.006	0.003	
		1242	0.003	0.003	
		1351	0.005	0.003	
		1455	0.008	0.004	
WORK AREA / SAFETY TABLE @ BLDG 116 MONR # 1008	5/28/13	0733	0.036	0.035	
		0831	0.040	0.038	
		0935	0.045	0.042	
		1036	0.045	0.044	
		1245	0.050	0.047	
		1349	0.066	0.051	
		1452	0.084	0.054	
DOWNWIND / GD#3 @ SHORELINE / MONR # 10923	5/28/13	0749	0.000	0.000	
		0833	0.000	0.002	
		0932	0.045	0.000	
		1034	0.000	0.000	
		1247	0.010	0.001	
		1347	0.032	0.008	
		1448	0.060	0.018	



Prevailing
Wind Direction
5/28/13
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
GALVEZ AVE
DONAHUE ST
INNES AVE
ENGLISH ST
McCANN ST
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	28/05/13
REPORT NO	135

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

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
05	Continued rough grading the area southwest of Building 121 and the area between Building 123 and Building 130 to prepare the pavement
	subgrade. Cut and removed railroad tracks from the area northeast of Building 121. Continued compacting the pavement subgrade over the
	area between Building 156 and Dry Dock 3.
	Began importing and placing aggregate base material over the completed subgrade northeast of Building 140; performed grading of the
	aggregate base course to a 4-inch thickness using a motor grader equipped with a GPS-guided blade leveling sytem.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/28/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/28/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**			**X**	
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012.
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/28/13

Photo 1: Asphalt Cover Installation – Compacted subgrade between Building 130 and Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 28 2013

Photo 2: Asphalt Cover Installation – Placement of aggregate base course using a GPS-guided motor grader

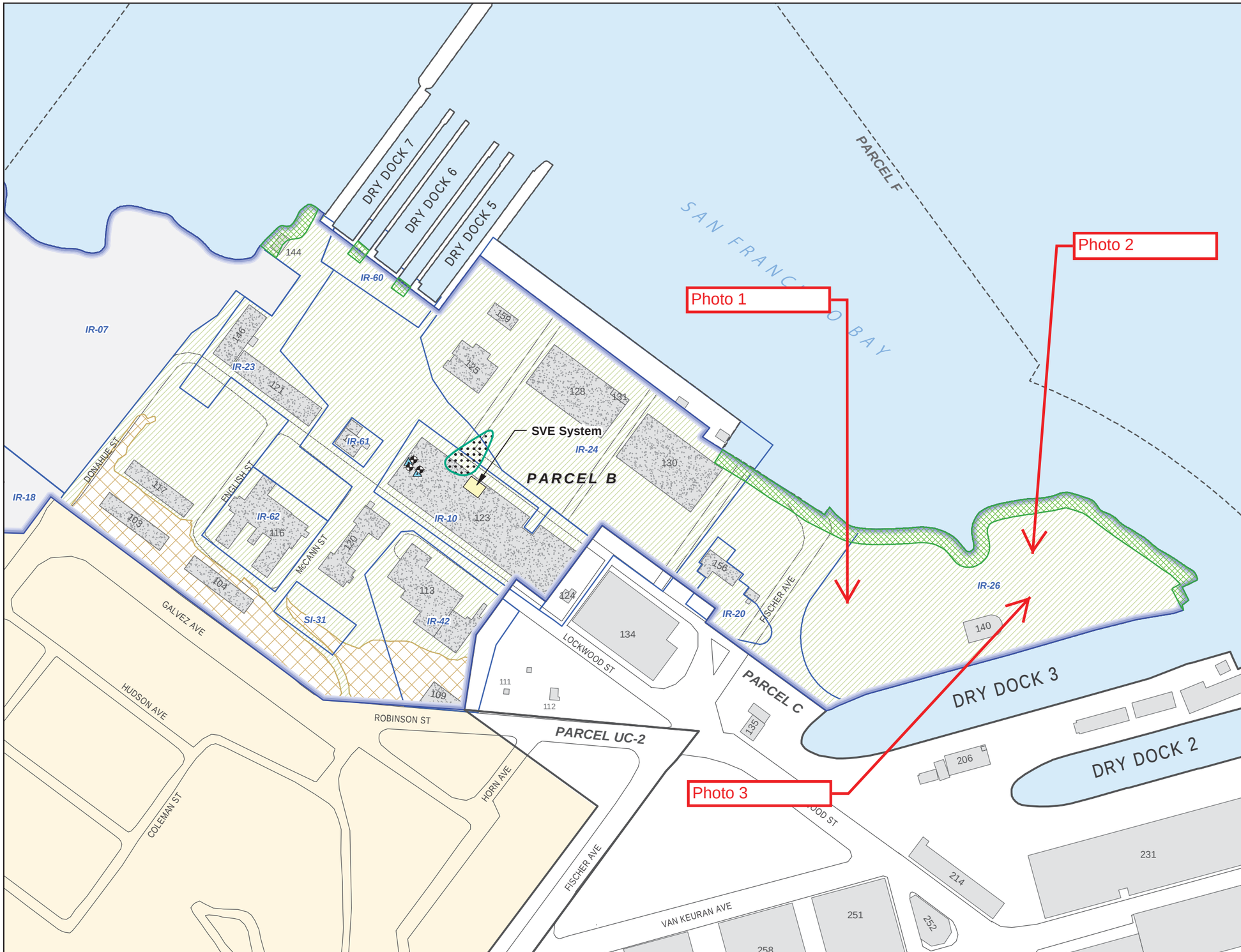
HPNS Parcel B Remedial Action, San Francisco, California

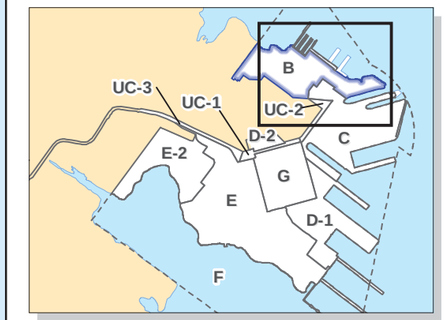
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 28, 2013

Photo 3: Asphalt Cover Installation – Placement and compaction of aggregate base course over the area northeast of Building 140

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 28, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	29/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	136		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	66	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Continue AB import at the point (east of pump house) and along dry dock #3	ERRG	1	Project Manager	0
	to Parcel C boundary- place, grade and compact.	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Continue site rough grade north of building 117 cut and fill northeast of building	ERRG	1	QC Staff	10
	123.	ERRG	7	Equipment Operators	51
		ERRG	5	Laborers	36
05	Crew working on removing rails and ties in the area northeast of building 121	ERRG	2	Truck Drivers	12
	as necessary to reach subgrade elevations.	Harris Blade	1	Motor Grader Operator	8
05	Crew begin clearing debris around building 125.				

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE 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	18,415
TOTAL WORK HOURS FROM START OF CONSTRUCTION	18,560

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		2770.21 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
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	0
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS
05	7 trucks looping with import, 116 loads (2770.21 tons) Class II AB

James Nores 05/29/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	29/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	136 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	66
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	ERRG	JD 710 Backhoe	2
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores — 05/29/13

CONTRACTOR/SUPERINTENDENT — DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 5/29/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, IMPORT & PLACE & COMPACT BASE.

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, GROUND PERSONNEL, HYDRATION

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	
B Huasco	ERRG	
Boris Portillo	ERRG	
Marlon Rivera	ERRG	
Adolfo Rodriguez	ERRG	
David Inglish	Harris	
Jim Kouniar	ERRG	
Fernando Lozano	ERRG	
R Rodriguez		
Rodrigo Pulido	ERRG	Rodrigo
Lupe Tejeda	ERRG	Lupe
Brian Kerr	ERRG	
Enrique Martinez	ERRG	
Spencer Johnson	ERRG	
Demond Brooks	Monroe Trucking	Demond Brooks
Darin Sons	DS Trucking	
NARIUDER	N.S	

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
MELVIN HORNE	E. BUTLER	[signature]
A AVTAR Sr	A.S. TRUCK	[signature]
HARINDER KALOTI	BARONE	[signature]
Demarcua Pop	DP Trucking	Demarcua Pop

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

SIGNATURE: SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: 12 SITE GRADING
#13 BASE INSTALLATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/28/13 @0200
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/29/13 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/29/13 0700
Employee(s):	[illegible]	[signature]	5-28-13 @0700
	B. [illegible]	[signature]	5-28-13 @ 0700
	Boris [illegible]	[signature]	5/28/13 0700
	N. Rivera	[signature]	5/29/13 0700
	Adolfo Madrigal	Adolfo M.	5-28-13 0700
	David Inglish	[signature]	5-29-13
	Jim Aguiar	[signature]	5-29-13 0700
	F. LOZA	[signature]	5-29-13 0700
	P Rodriguez	[signature]	5 29-13 0700
	Rodrigo Pulido	Rodrigo	5-29-13 0700
	Lupe Trujillo	Lupe	5-29-13 0700
	Brian Kerr	[signature]	5-29-13 0700
	ENRIQUE MARTINEZ	[signature]	5-29-13 0700
	Spencer Johnson	[signature]	5/29/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	5/29/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR + WINDY	Page:	1 of 1
Site Visitors:	KLEINFELDER - BRANDON CONNOLLY, SHANNON MCINTAIR		

Description of Field Activities:

SITE GRADING, REMOVING RAILS + ASPHALT, HAULING ASPHALT + WOOD CHIPS TO AREA D-1. CUTTING RAILS + REMOVING, BREAKING CONCRETE.

IMPORTING, PLACING + COMPACTING BASE MATERIAL FROM DRY DOCK #3 WEST, FINISHING AREA NORTH OF PUMP HOUSE, 7 BOTTOM DUMPS.

CLEARING BRUSH + RUBBLE EAST OF BLDG. 125

GRADING AREA NORTH OF BLDG. 117

CLEANING EQUIPMENT + TEMP. FENCE STOCKPILE NORTH OF BLDG. 123.

EQUIPMENT - EXCAVATOR, OFF-ROAD DUMP TRUCK, BULDOZER, RUBD LOADER, PADDLE SCRAPER, 2 MOTOR GRADERS, 2 WATER TRUCKS, SKIP LOADER, BACKHOE, 2 KUBOTAS.

Signed: [signature] Date: 5/29/13

ERRG

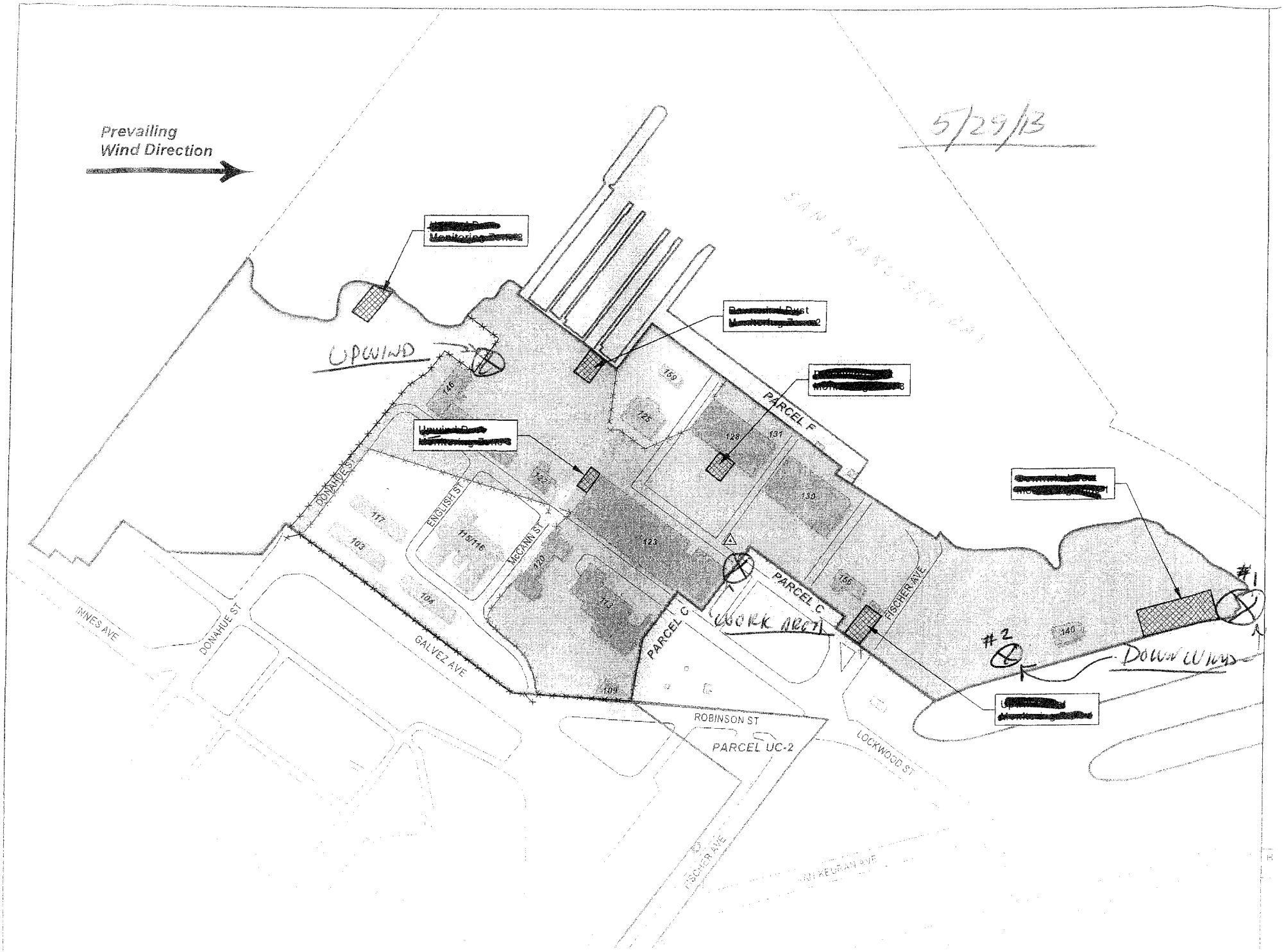
AIR MONITORING LOG SHEET

ERRG

Richard Epp
Hunters Point Naval Shipyards
Parcel B
(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 / LAYDOWN FENCE MONITOR # 1161	5/29/13	0747	0.009	0.021	
		0833	0.021	0.026	
		0929	0.004	0.018	
		1641	0.008	0.025	
		1129	0.030	0.028	
		1320	0.046	0.032	
		1446	0.023	0.037	
WORK AREA / C/D PARCEL FENCE MONITOR # 1008	5/29/13	0743	0.065	0.080	
		0835	0.054	0.055	
		0935	0.035	0.047	
		1055	0.037	0.044	
		1135	0.047	0.044	
		1307	0.036	0.043	
		1450	0.040	0.043	
DOWNWIND / D.D# 3 @ SHORELINE / MONITOR # 10773	5/29/13	0730	0.004	0.014 (1)	MOVED (LIMITED ACCESS) TO NEW LOCATION.
		0842	0.006	0.005 (1)	
		0932	0.000	0.000 (2)	
		1057	0.045	0.004 (2)	
		1137	0.000	0.004 (2)	
		1310	0.020	0.016 (2)	
		1455	0.016	0.023 (2)	



Prevailing
Wind Direction
5/29/13
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWN WIND
#1
#2
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
AMEXEGRAN AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
113
104
109
156
140

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 225 Excavator **Identification Number:** _____

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

Inspected By (Initials) And Date:	5/20 BP 1645.1			5-21-KT 1650.0			5-22 1657.0			5/23 BP 1663.7			5/24 BP 1620.3			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Tracks	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: DOZER 650K DeeRe **Identification Number:** 200090024

Project Number / Name: HP 037 **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	A-M. 5-20-13 HR. 475.3			5-22-13 452.4 JA			5-23-13 459.4 JA			5-24-13 496.5 JA			5-25-13 502.3 JA			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Tracks	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Compactor Identification Number:

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

Inspected By (Initials) And Date:	140.2 5/23 BP			5/24 1412.5 BP												Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☒	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain any other actions taken:

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: JLG Forklift Identification Number: UJ9B64

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

Heavy Equipment Defects																
Inspected By (Initials) And Date:	5/21/13 BK 1594, 34			5-29-												Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explanation of corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: FORD H20 TRUCK **Identification Number:** _____

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

Inspected By (Initials) And Date:	5-20-13 5153-4			5-21-13 5167.0			5/22/13 PR 51682			5/23/13 PR 51734			5/24/13 51786 PR			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	Minor fender front
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	dwd read
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	bolts holding
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	tank down
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	took ~~[illegible]~~ loose
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	found cracks
Loading/lifting capacity marked?	☑	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	let Tim know
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	of problem
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	took pics
Windows and 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: R/R LIGHT OUT & NO TURN SIGNAL L/R TANK LIGHT OUT

bell

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 29/05/13

REPORT NO 136

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
05	Continued rough grading the area southwest of Building 121 and the area between Building 123 and Building 130 to prepare the pavement
	subgrade. Cut and removed railroad tracks from the area northeast of Building 121. Continued compacting the pavement subgrade over the
	area between Building 156 and Dry Dock 3. Removed fencing and surface debris around the exterior of Building 125.
05	Continued importing and placing aggregate base material over the completed subgrade northeast of Building 140. Graded the aggregate base
	course to a 4-inch thickness using a motor grader equipped with a GPS-guided blade leveling sytem, and compacted the AB with a smooth
	drum roller. Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 05/29/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/29/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/29/13

Photo 1: Asphalt Cover Installation – Grading the aggregate base course using a GPS-guided motor grader

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 29 2013

Photo 2: Asphalt Cover Installation – Compacting the aggregate base course using a smooth drum roller

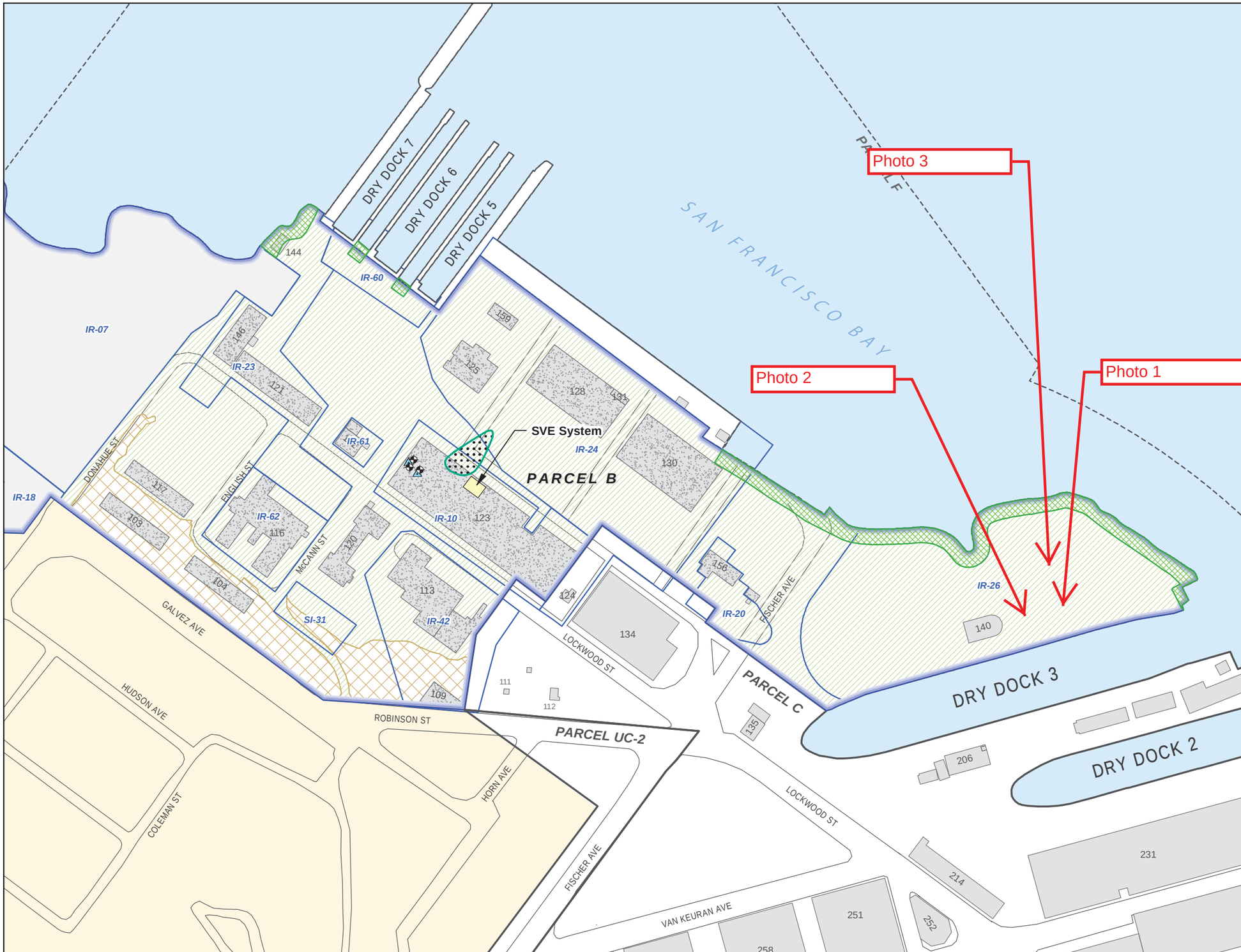
HPNS Parcel B Remedial Action, San Francisco, California

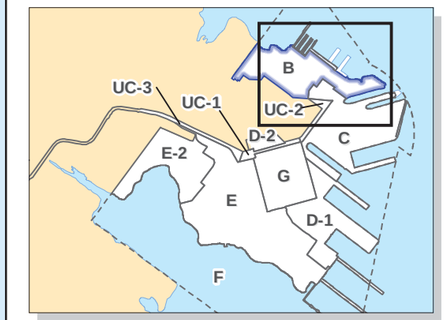
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 29, 2013

Photo 3: Asphalt Cover Installation – Compacted 4-inch thick layer of aggregate base course placed over the area northeast of Building 140

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 29, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	30/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	137		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	66	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Continue compaction at the point (east of pump house) and along dry dock #3	ERRG	1	Project Manager	0
	to Parcel C boundary. Import place, rough grade AB from dry dock 3 to B156	ERRG	1	QC Manager	10
		ERRG	1	H&S Officer	8
05	Crew working on removing rails and ties in the area northeast of building 121	ERRG	1	QC Staff	10
	as necessary to reach subgrade elevations.	ERRG	6	Equipment Operators	48
		ERRG	7	Laborers	48
05	Crew excavate planter area around pump house building to -2' to prep for fill	ERRG	2	Truck Drivers	12
		Harris Blade	1	Motor Grader Operator	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	154
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	18,560
TOTAL WORK HOURS FROM START OF CONSTRUCTION	18,714

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		2736.55 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
05	ERRG	70KW Generators (2 ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	0
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS
05	7 trucks looping with import, 117 loads (2736.55 tons) Class II AB

James Nores 05/30/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	30/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	137 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	66
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	8
05	ERRG	JD 710 Backhoe	2
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores — 05/30/13

CONTRACTOR/SUPERINTENDENT — DATE

TAILGATE SAFETY MEETING

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

DATE 5/30/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING; RECEIVE BASE + PLACE, COMPACT; CLEAN UP AROUND BLDGS

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRAFFIC - EQUIP + TRUCKS, STAF, HIT BY

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

ISSUED LPO CARDS: _____ Yes _____ No

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
F. LOZA	ERRG	[signature]
M. Rivera	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
Brian Kerr	ERRG	[signature]
David Inglich	Harris	[signature]
Paul Rodriguez	ERRG	[signature]
ENRIQUE MARTINEZ	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
Bonin Portillo	ERRG	Bonin Portillo
P. Linares	ERRG	P. Linares
[illegible]	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
ANTAR. Singh	A.S. TRUCKING	[signature]
Demorel Brooks	MONROE Trucking	Demorel Brooks
Brooks Brooks		
[signature]		

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
NARINDER SINGH	N S TRUCKING	[illegible]
Demarena Pop	DP TRUCKIN	[illegible]
DALJIT SINGH	D-S TRUKING.	[illegible]
HARINDER KALOTT	KALOTY TRK	[illegible]

SSHO: [redacted]

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 #: 12 SITE GRADING
13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	5/30/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	5/30/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	5/30/13 0700
Employee(s):	Adolfo Madrigal	Adolfo M.	5-30-13 0700
	F. LOZA	[signature]	5-30-13 0700
	M. Rivera	[signature]	5-30-13 0700
	Rodrigo Pulido	Rodrigo	5-30-13 0700
	Lupe Trujillo	Lupe	5-30-13 0700
	Brian Kerr	[signature]	5-30-13 0700
	P Rodriguez	[signature]	5-30-13 0700
	David Inglish	[signature]	5-30-13 "
	Enrique Martinez	[signature]	5-30-13 "
	Jim Aguiar	Jim Aguiar	5-30-13 0700
	Boris Portillo	Boris Por	5/30/13 0700
	B. Lunasco	B. Lunasco	5-30-13 0700
	[signature]	[signature]	5-30-13 0700
	Spencer Johnson	[signature]	5/30/13 0700

DAILY FIELD ACTIVITY LOG

Richard Epp
THURSDAY
Hunters Point Naval Shipyard, Parcel B
Weather: CLEAR, WINDY PM
Site Visitors: KLEINFELDER - P. CANDLEY, S. MACKENZIE

Client: Navy
Date: 5/30/13
Project No.: 2012-037
Page: 1 of 1

Description of Field Activities:

SITE GRADING, BREAKING CONCRETE, PULLING + CUTTING RAILS, REMOVING TIES + ASPHALT, HAULING TO AREA D-1.

TIMPERING BASE MATERIAL WITH 7 BOTTOM DUMPS. PLACING + COMPACTING. FINE GRADING, HAND RAKING + COMPACTING AREA NORTH OF PUMP HOUSE AT DRY DOCK #3.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, BULLDOZER, SKID LOADER, 2 MOTOR GRADERS, BACKHOE, CONCRETE BREAKER, 2 WATER TRUCKS, SMOOTH ROLLER, VIBRAPLATE, 2 KUBOTAS.

Signed: [signature]

Date: 5/30/13

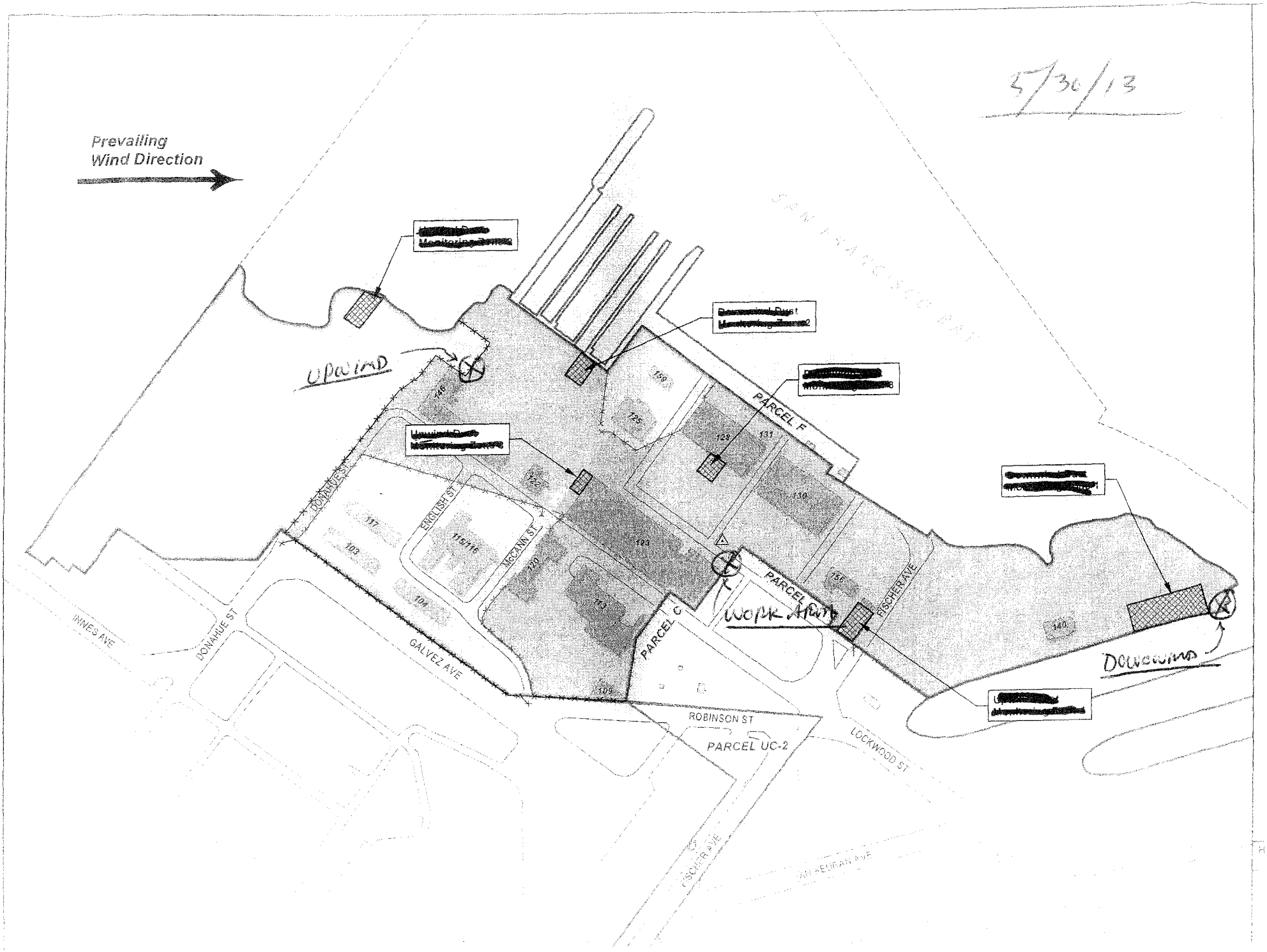
ERRG

AIR MONITORING LOG SHEET

ERRG

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

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
IPWIND / LAYDOWN FENCE METER # 1161	5/30/13	0758	0.026	0.030	
		0851	0.019	0.022	
		0946	0.018	0.020	
		1043	0.018	0.020	
		1140	0.018	0.021	
		1307	0.016	0.020	
		1358	0.018	0.020	
		1452	0.018	0.019	
WORK AREA / PARCEL B/C FENCE @ B123 / METER # 1008	5/30/13	0756	0.070	0.074	
		0853	0.041	0.047	
		0949	0.047	0.051	
		1045	0.057	0.050	
		1142	0.049	0.053	
		1310	0.040	0.053	
		1400	0.040	0.056	
		1455	0.062	0.056	
DOWNWIND / DD #3 @ PHONELINE / METER # 10973	5/30/13	0752	0.007	0.006	
		0855	0.020	0.016	
		0952	0.017	0.018	
		1048	0.017	0.021	
		1145	0.024	0.021	
		1312	0.019	0.021	
		1403	0.030	0.027	
		1457	0.028	0.027	


5/30/13
Prevailing
Wind Direction
SAN FRANCISCO BAY
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
143
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 30/05/13

REPORT NO 137

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
05	Continued removing railroad tracks and foundations from the area northeast of Building 121. Continued excavating a 2-foot deep key trench
	at the interface of the revetment and the pavement subgrade. Excavated the planter area around the perimeter of Building 140 to a depth of
	2 feet (this area to be backfilled with 2 feet of clean imported soil).
05	Performed finish grading and compaction of the aggregate base course over the area northeast of Building 140. Continued importing and
	placing aggregate base material over the completed subgrade between Building 156 and Dry Dock 3; graded the aggregate base course to a
	thickness of 4 inches using a motor grader equipped with a GPS-guided blade leveling sytem.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description
	.

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

Spencer Slominski — 05/30/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/30/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/30/13

Photo 1: Asphalt Cover Installation – Removal of railroad tracks and concrete foundations from area northeast of Building 121

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: May 30 2013

Photo 2: Asphalt Cover Installation – 2-foot deep key trench at the interface of the revetment and the asphalt cover area

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 30, 2013

Photo 3: Asphalt Cover Installation – Compaction of aggregate base course over the area northeast of Building 140

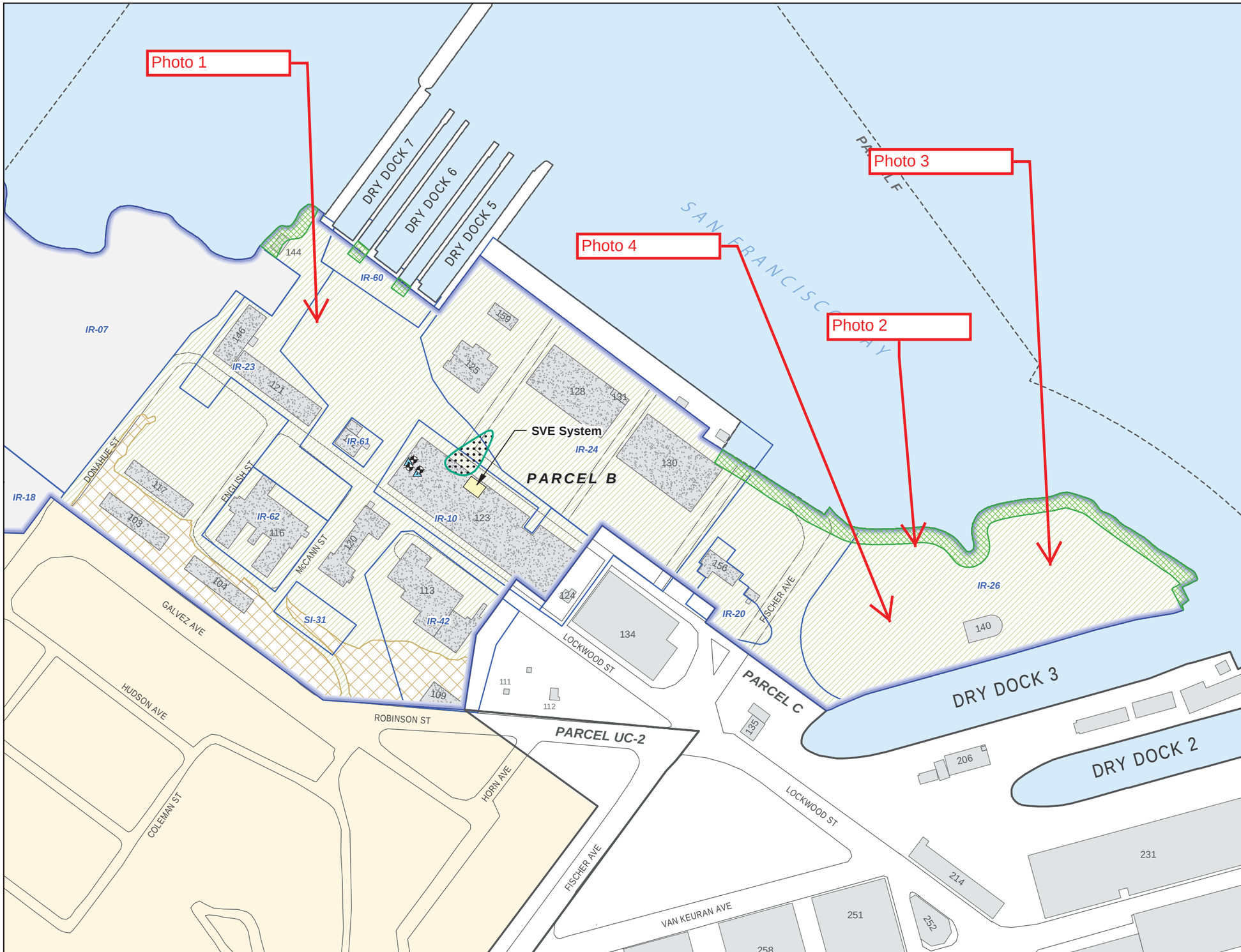
HPNS Parcel B Remedial Action, San Francisco, California

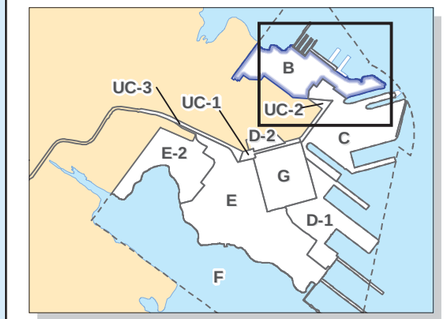
Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 30, 2013

Photo 4: Asphalt Cover Installation – 4-inch thick layer of aggregate base placed over the area between Building 156 and Dry Dock 3

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 30, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 31/05/13	REPORT NO: 138
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 66	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Crew continue compacting AB from dry dock 3 to B156.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	5
05	Crew continue subgrade prep north of building 116 and 117	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	10
05	Crew working on removing rails and ties in the area northeast of building 121	ERRG	7	Equipment Operators	56
	as necessary to make subgrade elevations	ERRG	5	Laborers	33
		ERRG	2	Truck Drivers	12
05	Crew continue excavate planter area around pump house building to -2' to prep	Harris Blade	1	Motor Grader Operator	8
	for fill placement.				

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 142
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 18,714
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 18,856

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	3
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS

James Nores 05/31/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	31/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	138 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	66
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores 05/31/13

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

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

DATE 5/31/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, CUTTING RAILS, REMOVING DEBRIS, PLACING, SHAPING & COMPACTING BASE, CLEAN VEGITATION AT BLDGS

SAFETY TOPICS PRESENTED

SAFETY TOPICS STAF, PROPER PPE, EQUIPMENT - STRUCK BY, TRUCK

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

ISSUED LPO CARDS: _____ Yes _____ No

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Lunasco	ERRG	B. Lunasco
R. Rodriguez	ERRG	[illegible]
M. Rivera	ERRG	[illegible]
Adolfo Madrigal	ERRG	Adolfo M.
F. Loza	ERRG	[illegible]
Brian Kerr	ERRG	[illegible]
Enrique Martinez	ERRG	[illegible]
Boni [illegible]	ERRG	[illegible]
[illegible]	ERRG	[illegible]
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
Joe Correck	ERRG	[illegible]
David English	Harris	[illegible]
Guy Baite	ERRG	[illegible]
Spencer Johnson	ERRG	[illegible]
Spencer Slomasko	ERRG	[illegible]

[illegible]

SIGNATURE [illegible]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: 12 SITE GRADING
13 BASE INSTALLATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		5/31/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		5/31/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		5/31/13 0700
Employee(s):	B. Lubasia		5-31-13 @ 0700
	J Rodriguez		5-31-13 0700
	Adolfo Madrigal		5-31-13 0700
	M. Rivera		5-31-13 0700
	F. LOZA		5-31-13 0700
	Brian Kerr		5-31-13 0700
	Enrique Martinez		5-13-13 0700
	Benin		5/31/13 0700
	Jim Quinn		5-31-13 0700
	Rodrigo Pulido	Rodrigo	5-31-13 0700
	Lupe Trujillo	Lupe	5-31-13 0700
	Joe Correll		5/31/13 0700
	David English		5/31/13 0700
	Kim		5-31-13 0700
	Spencer Johnson		5/31/13 0700

DAILY FIELD ACTIVITY LOG

[illegible]	Richard Epp	Client:	Navy
Day	FRIDAY	Date:	5/31/13
[illegible]	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather	CLEAR	Page:	1 of 1
Site Visitors:	CE2 - JOHN COPELAND		
	KEINFELDER - OMAR KAHN, MICK LEE, ERIC JOHANSON, P. CANDLEY		

Description of Field Activities:

SITE GRADING, REMOVING & CUTTING RAILS, REMOVING & HAULING ASPHALT TO AREA D-1, BREAKING CONCRETE, CUTTING REBAR IN LAYDOWN AREA.

SITE GRADING IN PARKING LOT AREA NORTH OF BLDG 116 & 117.

PLACING & COMPACTING BASE IN ALL AREAS EAST OF BLDG. 130.

EQUIPMENT - EXCAVATOR, END LOADER, OFF-ROAD DUMP TRUCK, 2 MOTOR GRADERS, PADDLE SCRAPER, SKIP LOADER, 2 BACKHOES, 2 WATER TRUCKS, SMOOTH ROLLER, 2 KUBOTAS

Signed: [signature] Date: 5/31/13

ERRG

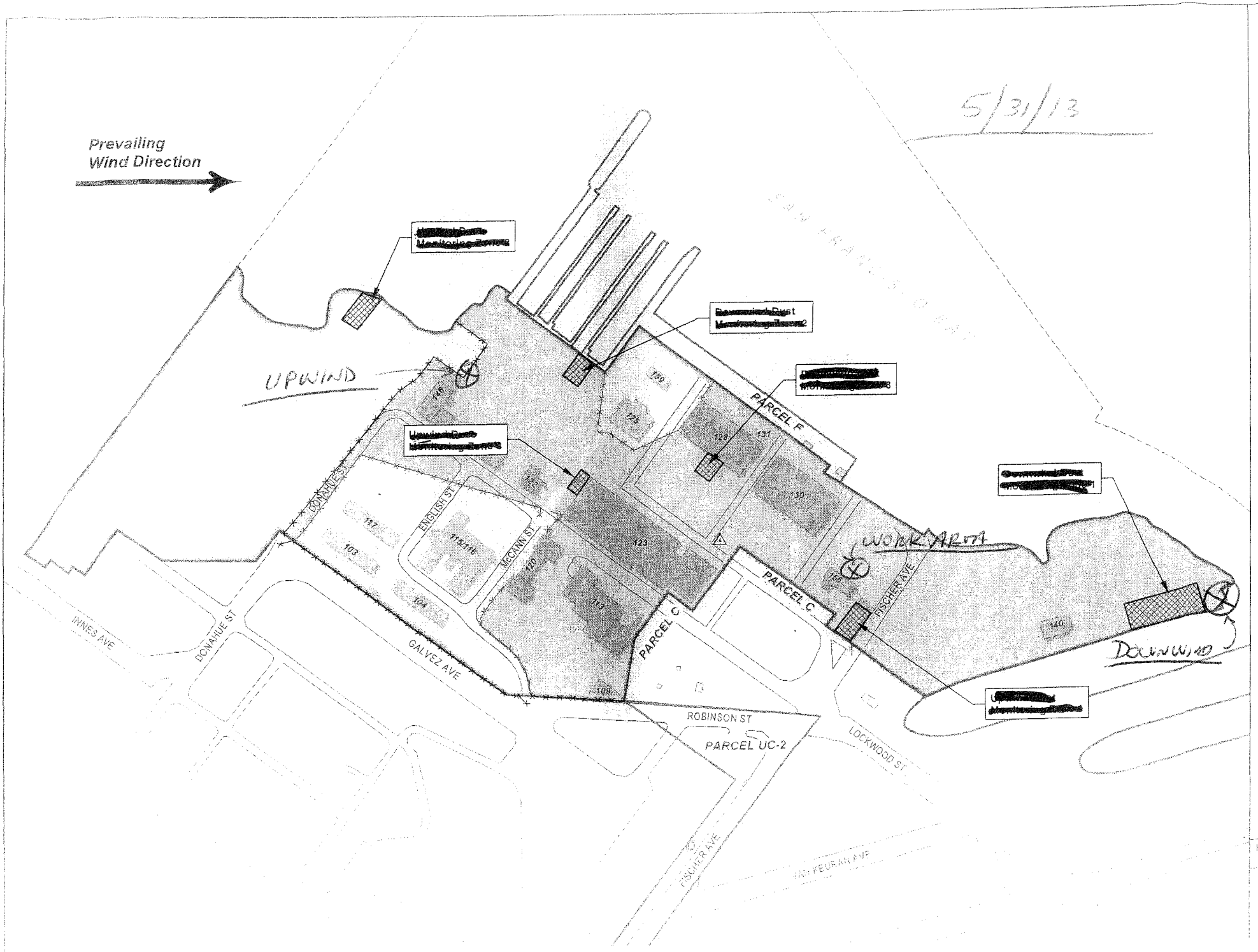
AIR MONITORING LOG SHEET

ERRG

Richard Epp
Hunters Point Naval Shipyards
Parcel B
(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 / LAYDOWN FENCE MONITOR # 1161	5/31/13	0747	0.046	0.049	
		0840	0.094	0.133	
		0928	0.061	0.098	
		1022	0.034	0.085	
		1118	0.037	0.074	
		1411	0.028	0.070	
		1545	0.029	0.066	
WORK AREA / SAFETY TABLE @ BLDG 156 / MONITOR # 1008	5/31/13	0744	0.083	0.088	
		0842	0.060	0.071	
		0936	0.065	0.060	
		1025	0.065	0.067	
		1123	0.061	0.066	
		1245	0.069	0.067	
		1358	0.068	0.068	
		1420	0.071	0.069	
		1550	0.058	0.067	
DOWNWIND / DD#3 @ STORAGE / MONITOR # 10973	5/31/13	0741	0.014	0.019	
		0844	0.036	0.028	
		0939	0.031	0.027	
		1028	0.028	0.026	
		1125	0.058	0.025	
		1248	0.026	0.023	
		1400	0.018	0.021	
		1427	0.024	0.021	
		1552	0.001	0.020	



5/31/13
Prevailing
Wind Direction
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
SAN FRANCISCO BAY
146
159
125
128
131
130
122
123
117
115/116
103
120
104
113
109
156
140

NAVFAC
Naval Facilities Engineering Command

WORKSHEET FOR
CONTRACTOR SAFETY SELF-EVALUATION

ROICC OFFICE: NAVFAC SW DATE: 5/31/13
CONTRACTOR: ERAG, INC.
CONTRACT TITLE: REMEDIAL ACTION AT PARCEL B CONTRACT % COMPLETE: 53%
CONTRACTOR SUPERINTENDENT: JAMES NORES

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

CATEGORY					Date Corrected:
LADDER SAFETY Comments/Notes	(Yes)	(No)	(N/A)	44) Do ladders extend 3' above landing platform and tied to structure?	
	(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 Comments/Notes	(Yes)	(No)	(N/A)	53) Over 4' deep must have a ladder within 25' and two means of egress?	
	(Yes)	(No)	(N/A)	54) Has proper slope or trench box/shoring been provided?	
	(Yes)	(No)	(N/A)	55) Is water controlled/removed?	
	(Yes)	(No)	(N/A)	56) Is excavated material at least 2' back from trench edge?	
	(Yes)	(No)	(N/A)	57) Barricaded, etc., to prevent workers and public from falling into trench/hole?	
	(Yes)	(No)	(N/A)	58) In locations of known or suspected contamination, is excavation atmosphere monitored?	
	(Yes)	(No)	(N/A)	59) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	60) Other? Extra Credit?	
ELECTRICAL Comments/Notes	(Yes)	(No)	(N/A)	61) Are temporary power panel and receptacles protected from weather?	
	(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?	
	(Yes)	(No)	(N/A)	68) Other? Extra Credit?	
CRANES Comments/Notes	(Yes)	(No)	(N/A)	69) Has periodic inspection been performed prior to use on site IAW EM 385-1-1, App. H?	
	(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 Comments/Notes	(Yes)	(No)	(N/A)	79) Has entry plan been submitted and accepted?	
	(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 Comments/Notes	(Yes)	(No)	(N/A)	88) Are kettles at least 25 feet away from buildings?	
	(Yes)	(No)	(N/A)	89) Has an employee fall protection system been implemented and in proper use?	
	(Yes)	(No)	(N/A)	90) Are skylights and roof penetrations covered or barricaded appropriately?	
	(Yes)	(No)	(N/A)	91) Has the roof been evaluated for its ability to support the intended construction loads?	
	(Yes)	(No)	(N/A)	92) Has the roof been surveyed for deterioration?	
	(Yes)	(No)	(N/A)	93) Are two fire extinguishers at the kettle?	
	(Yes)	(No)	(N/A)	94) Fuel cylinder a minimum of 10' from open flame?	
	(Yes)	(No)	(N/A)	95) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	96) Other? Extra Credit?	

CATEGORY					Date Corrected:
EQUIPMENT Comments/Notes	(Yes)	(No)	(N/A)	97) Are forklift operators qualified through training at the site (certificate included in Safety Plan)?	
	(Yes)	(No)	(N/A)	98) Mobile equipment equipped with rollover cages and backup alarms with moving parts adequately guarded?	
	(Yes)	(No)	(N/A)	99) Are equipment operations maintaining safe clearance from electrical power lines?	
	(Yes)	(No)	(N/A)	100) Modifications meet safety rating in accordance with manufacturer (i.e., lifting personnel with forklift)?	
	(Yes)	(No)	(N/A)	101) Are safety lashings provided for high pressure hose connections, i.e., air compressors?	
	(Yes)	(No)	(N/A)	102) Are workers clear of blind spots associated with mobile construction equipment?	
	(Yes)	(No)	(N/A)	103) Do aerial lifts have basket/platform with guardrail?	
	(Yes)	(No)	(N/A)	104) Workers not extending over guardrail of aerial lifts?	
	(Yes)	(No)	(N/A)	105) Are articulating boom platforms (JLG type) used with Full Body Harness attached to boom or basket?	
	(Yes)	(No)	(N/A)	106) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	107) Other? Extra Credit?	
DEMOLITION Comments/Notes	(Yes)	(No)	(N/A)	108) Has demolition plan been submitted and accepted?	
	(Yes)	(No)	(N/A)	109) Waste not being dropped > 6' unless in an enclosed chute and area secured from traffic?	
	(Yes)	(No)	(N/A)	113) For building demolition, has notification been made to State having jurisdiction?	
	(Yes)	(No)	(N/A)	114) Are nails removed from scrap lumber/materials?	
	(Yes)	(No)	(N/A)	115) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	116) Other? Extra Credit?	
PPE Comments/Notes	(Yes)	(No)	(N/A)	117) Workers wearing leather shoes (no tennis shoes), long pants and sleeve shirt?	
	(Yes)	(No)	(N/A)	118) Hard hats being worn?	
	(Yes)	(No)	(N/A)	119) Safety glasses where appropriate?	
	(Yes)	(No)	(N/A)	120) Hearing protection where appropriate? (if you need to yell to converse)	
	(Yes)	(No)	(N/A)	121) Respirators where appropriate?	
	(Yes)	(No)	(N/A)	122) Impalement protection provided where personnel could work above vertical impalement?	
	(Yes)	(No)	(N/A)	123) Is lighting adequate?	
	(Yes)	(No)	(N/A)	124) Other? Extra Credit?	
ABATEMENT Comments/Notes	(Yes)	(No)	(N/A)	125) Has abatement plan been submitted and accepted?	
	(Yes)	(No)	(N/A)	126) Is independent air monitoring being performed as required inside and outside barriers?	
	(Yes)	(No)	(N/A)	127) Is containment in place without integrity compromise?	
	(Yes)	(No)	(N/A)	128) Are employees utilizing appropriate PPE?	
	(Yes)	(No)	(N/A)	129) If negative air is used, are fans used continuously and monitored for pressure differential?	
	(Yes)	(No)	(N/A)	130) Has baseline been performed and necessary final clearance readings taken?	
	(Yes)	(No)	(N/A)	131) Are inspections by independent PQP performed prior to barrier removal?	
	(Yes)	(No)	(N/A)	132) Is waste material properly containerized and stored?	
	(Yes)	(No)	(N/A)	133) Are air monitoring results provided to ROICC?	
	(Yes)	(No)	(N/A)	134) Are waste shipment records provided to ROICC?	
	(Yes)	(No)	(N/A)	135) Other? Extra Credit?	
WATERFRONT ACTIVITIES Comments/Notes	(Yes)	(No)	(N/A)	136) Are employees wearing appropriate flotation devices (PFDs)?	
	(Yes)	(No)	(N/A)	137) Is a space rescue skiff available?	
	(Yes)	(No)	(N/A)	138) Are emergency life rings available?	
	(Yes)	(No)	(N/A)	139) If diving operations are taking place, has a dive plan been submitted and accepted?	
	(Yes)	(No)	(N/A)	140) Does dive team consist of proper number and qualifications for employees?	
	(Yes)	(No)	(N/A)	141) Other? Extra Credit?	

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

Total with "Yes" responses for each category = Y

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

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

OVERALL RATING = LOWEST RATING FOR ANY CATEGORY: 1

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 Motor Grader	Model No.: 14H	Serial No.: 08Z98875

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: 5/28/13

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

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: HAMM 64" Smooth Drum Roller	Model No.: 3410	Serial No.: H1791595

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 [illegible]			

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: 5/23/13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 710 Backhoe **Identification Number:**

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

Inspected By (Initials) And Date:	5/13/13 2695.3 JR			5-15-13 2696.5 BL			5-16-13 2698.5 BL			5-29-13 2704.7 BL			5-30-13 2710.7 BL			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			Hydralic leak on out riggers
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?	✓			✓			✓			✓			✓			
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and 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: Skip. Loader 210 Deere Identification Number: FC6X94

Project Number / Name: H.P. 037 Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	A.M. 5-28-13 HR. 1581.9			A.M. 5-29-13 HR. 1587.9			5-30-13 1592.6			5-31-13 1595.7			6-3-13 1600.4			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: H20 White truck Identification Number: _____

Project Number / Name: _____ Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	5/28			5/29			5/30			5/31 2/13/13						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	minor fender
Tracks	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	✓	☐	☐	☐	and bumper
Steps and handgrips	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	damage
Guards on moving parts?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	little chipping
Engine belts and hoses	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	windshield
Fluid levels acceptable?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	backspray
Loading/lifting capacity marked?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	don't work
Seat belt operative?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Fire extinguisher present?	✓	☐	☐	✓	☐	☐	✓	☐	☐	✓	☐	☐	☐	☐	☐	
Windows and 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: _____

.RR

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: Yellow Water Truck Identification Number: 1D0871

roject Number / Name: KPSY/NOB Rental ☐ ERRG ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	5/28/13 OR 51840			5/29/13 PR 51893			5/30/13 51940 OR			5/31/13 51990 PR						
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	Loose bolt on tank M. Nev rear and front fender dange
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	missing bolt on hose guards driver side inside door handle
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☑	☑	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

missing right rear light out left side back tank light out 5/30/13 front right side tire low on air Flat tire 5/30/13 PM

Validation of actions taken: Called tire Company

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: TW 11078

Project Number / Name: HPNS, PHASE 13 Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	5/23/13 [illegible] 962.1			5/28/13 [illegible] 966.5			5/29/13 [illegible] 970.5			5/29/13 [illegible] 974.1			5/30/13 [illegible] 976.1			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: TW 11 077

Project Number / Name: HPNS Rental ☐ ERRG ☒

Inspected By (Initials) And Date:							5/29/13 06266			5-30-13 06274			5-31-13 0629			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Gauges operative?	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Horn operative?	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☐	☐	☐	☐	☐	☒	☑	☐	☐	☑	☐	☐	☑	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☐	☐	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☑	☐	
Brakes	☐	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explanation of corrective actions taken: U-joint - knocking sound - drive slow

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	31/05/13
REPORT NO	138

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

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
05	Continued removing railroad tracks and foundations from the area northeast of Building 121. Continued excavating the planter area around the
	perimeter of Building 140 to a depth of 2 feet (this area to be backfilled with 2 feet of clean imported soil).
	Continued rough grading of the area southwest of Building 121 to prepare the pavement subgrade.
05	Continued fine grading the aggregate base course between Building 156 and Dry Dock 3 to a thickness of 4 inches using a motor grader
	equipped with a GPS-guided blade leveling sytem. Continued compacting the aggregate base course using a smooth drum roller.
	Collected a sample of the aggregate base material for laboratory compaction testing.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description
	.

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

Spencer Slominski — 05/31/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 05/31/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 05/31/13

Photo 1: Asphalt Cover Installation – Grading the aggregate base course placed east of Building 156

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 31 2013

Photo 2: Asphalt Cover Installation – Compaction of the aggregate base course between Building 156 and Dry Dock 3

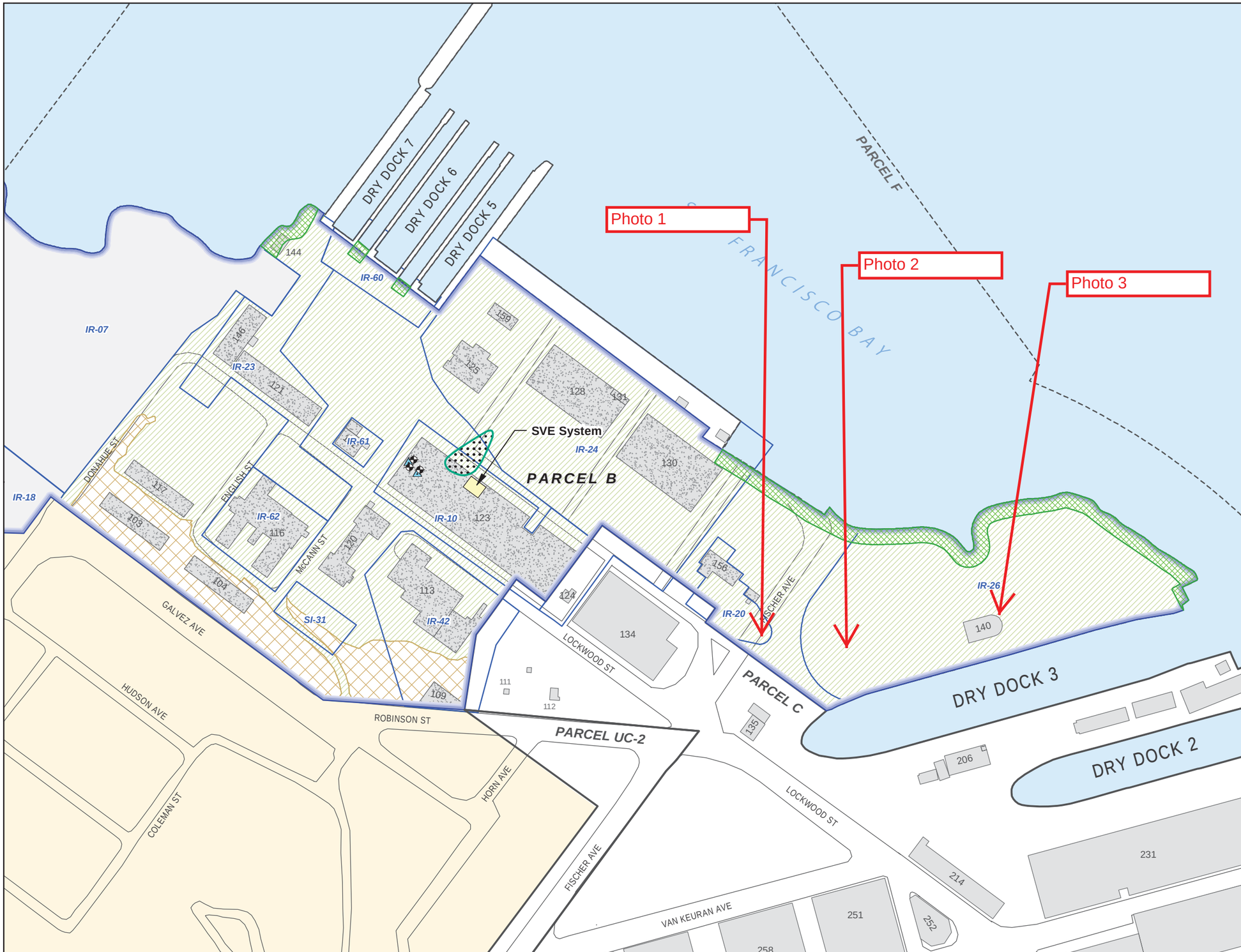
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 31, 2013

Photo 3: Asphalt Cover Installation – Planter area around the perimeter of Building 140 excavated to a depth of 2 feet

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: May 31, 2013



Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 03/06/13	REPORT NO: 139
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 66	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Crew continue compacting AB from dry dock 3 to B156.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	0
05	Crew continue subgrade prep north of building 116 and 117, remove fence	ERRG	1	H&S Officer	8
	around building 125 and begin removing debris and vegetation.	ERRG	2	QC Staff	20
05	Crew working on removing rails and ties in the area northeast of building 121	ERRG	7	Equipment Operators	48
	as necessary to make subgrade elevations	ERRG	6	Laborers	40
		ERRG	1	Truck Drivers	8
05	Compacting base material around pumphouse.	Harris Blade	1	Motor Grader Operator	8

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 142
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 18,856
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 18,998

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	3
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS

James Nores 06/03/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	03/06/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	139 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	66
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores 06/03/13

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 6/3/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, PLACING + COMPACTING BASE

SAFETY TOPICS PRESENTED

SAFETY TOPICS HEARING PROTECTION, EQUIPMENT, TRUCK TRAFFIC

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

ISSUED LPO CARDS: _____ Yes _____ No

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Lunasco	ERRG	B. Lunasco
Josh Pelly	ERRG	[signature]
[illegible]	[illegible]	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Brian Kern	ERRG	[signature]
David English	Harris	[signature]
M. Rivera	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
Fernando Leal	ERRG	[signature]
King Bailey	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Jim Agnian	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]

[signature]

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: 12 SITE GRADING
#13 BASE INSTALLATION

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EAP		6/3/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	B. Lunasa		6-3-13 @ 0700
	Josh Pell		6/3/13 @ 0700
	[illegible]		6/3/13 @ 0700
	Adolfo Madrigal		6-3-13 0700
	Brian Kerr		6-3-13 0700
	David English		6-3-13
	M. Rivera		6-3-13 0700
	Rodrigo Pulido		6-3-13 0700
	Luis Trujillo		6-3-13 0700
	F. Loza		6-3-13 0700
	Jim Aguiar		6-3-13 0700
	Kim Bailey		6-3-13 0700
	Enrique Martinez		6-3-13 0700
	Spencer Johnson		6/3/13 0700
	Mike Babst		6/3/13 0700

DAILY FIELD ACTIVITY LOG

Day:	Richard Epp	Client:	Navy
	MONDAY	Date:	6/3/13
Location:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

GRADING AREA NORTH OF BLDG. 116 & 123.

REMOVING TEMP FENCE AROUND BLDG 125 + LAYDOWN AREA.

REMOVING DEBRIS & ASPHALT; CUTTING RAILS IN LAYDOWN AREA, GRADING.

COMPACTING BASE MATERIAL AT PUMPHOUSE AREA AND NORTH OF BLDG. 156.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, PADDLE SCRAPER, 2 MOTOR GRADERS, WATER TRUCK, BACKHOE, SKID LOADER, 2 ROLLER/COMPACTORS, BULLDOZER, 2 KUBOTAS

Signed: [signature] Date: 6/3/13

ERRG

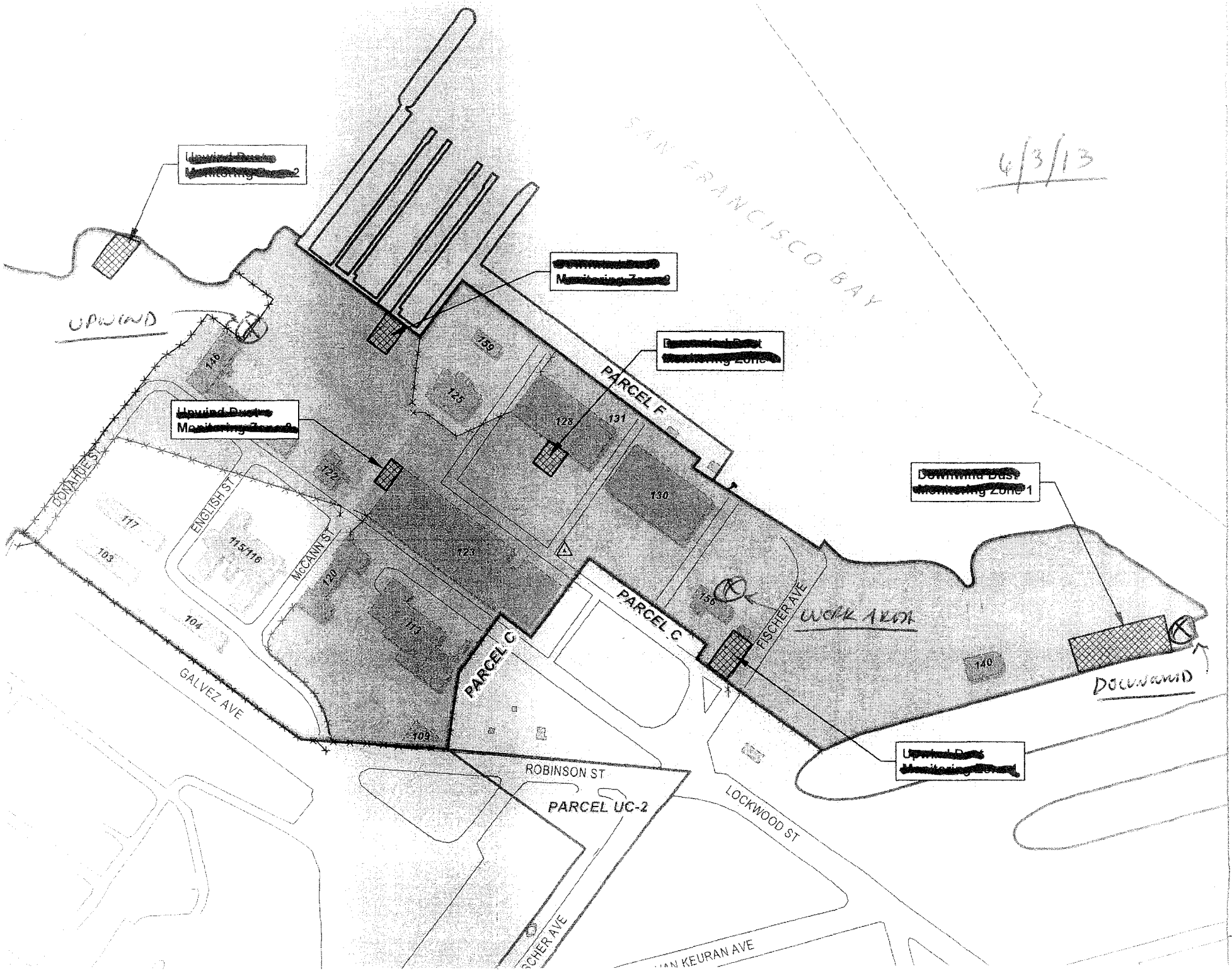
AIR MONITORING LOG SHEET

ERRG

Richard Epp
Hunters Point Naval Shipyards
Parcel B
Date and Time): 6/3/13

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/LAYDOWN FENCE	6/3/13	0958	0.004	0.013	
MiniRAM # 1161		1057	0.006	0.007	
		1150	0.003	0.006	
		1310	0.000	0.004	
		1425	0.000	0.003	
		1558	0.021	0.005	
WORK AREA/SAMPLE TABLE	6/3/13	0910	0.020	0.029	
@ B156 / MiniRAM # 1008		1036	0.005	0.010	
		1200	0.032	0.014	
		1314	0.010	0.012	
		1430	0.017	0.018	
		1600	0.030	0.015	
DOWNWIND					
MiniRAM # 10773	6/3/13	0916	0.007	0.004	
		1040	—	—	ERRATIC READINGS RE-CALIBRATION — "BACKGROUND HIGH" FALSE READING



6/3/13
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
VAN KEURAN AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
113
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 03/06/13

REPORT NO 139

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
05	Continued removing railroad tracks and foundations from the area northeast of Building 121. Removed fencing and debris from the exterior
	of Building 125. Continued rough grading of the area southwest of Building 121 and the area between Building 123 and Building 130
	to prepare the pavement subgrade.
05	Continued compacting the aggregate base course between Building 156 and Dry Dock 3. Placed and compacted a 4-inch layer of aggregate
	base around the outfall channel northwest of Building 140.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description
	.

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

Spencer Slominski — 06/03/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/03/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings(31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 06/03/13

Photo 1: Asphalt Cover Installation – Rough grading of the area between Building 123 and Building 130 using a GPS-guided motor grader

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 3, 2013

Photo 2: Asphalt Cover Installation – Pavement subgrade on the southwest side of Building 121

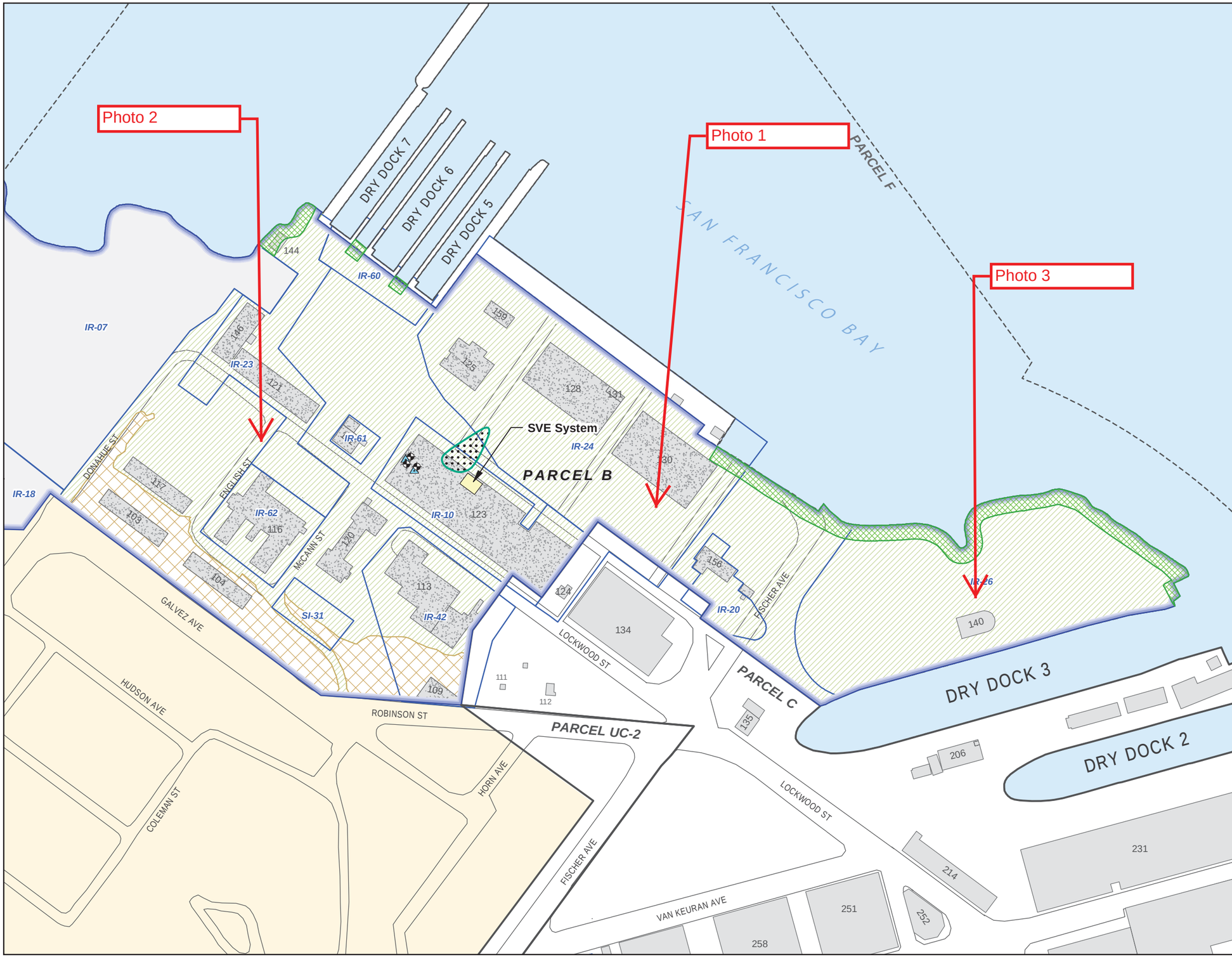
HPNS Parcel B Remedial Action, San Francisco, California

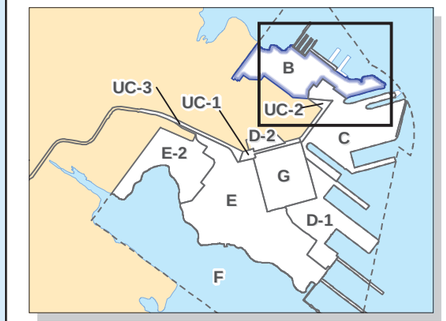
Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 3, 2013

Photo 3: Asphalt Cover Installation – Aggregate base course installed on the slopes around the perimeter of the outfall channel northwest of Building 140

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 3, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	04/06/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	140		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	68	MIN TEMP (F)	53

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Started irrigation system on seeded slopes and fill areas.	ERRG	1	Project Manager	4
		ERRG	1	QC Manager	10
05	Site grading west and south of building 123, along dry dock #3	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
05	Continue removing vegetation around B125, removing rail in subgrade area	ERRG	6	Equipment Operators	40
	north of 156 near 125.	ERRG	7	Laborers	42
		ERRG	2	Truck Drivers	14
05	Finish off AB placement at pumphouse outfall,	Harris Blade	1	Motor Grader Operator	5

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

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	153
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	18,998
TOTAL WORK HOURS FROM START OF CONSTRUCTION	19,151

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		4000 gallon water truck
05		12 loads (296.10 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	Ford 2000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	3
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS
05	QC meeting today with Navy and ERRG QC H&S and Supervisory staff
05	1 truck looping with AB today- 12 loads (296.10 tons)

James Nores 06/04/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	04/06/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	140 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	68
MIN TEMP (F)	53

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores 06/04/13

CONTRACTOR/SUPERINTENDENT DATE

TAILGATE SAFETY MEETING

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

DATE 6/4/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK CLEARING LAYDOWN AREA; GRADE; PLACE + COMPACT BASE; CLEAR VEGETATION AROUND BUSES, IMPORT BASE

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRUCKS, STAF,

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Luinsa	ERRG	B. Luinsa
Josh Perl	ERRG	
Adolfo Madrigal	ERRG	Adolfo M.
F. Loza	ERRG	
M. Rivera	ERRG	
Brian Kerr	ERRG	
Paul Lon	ERRG	
Jim Damian	ERRG	
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	
Enrique Martinez	ERRG	
David English	Harris	
Mike Bassi	ERRG	
Spencer Johnson	ERRG	
Kim Basi	ERRG	
Darrin Slomiash	SRC	
Demond Brooks	Monroe Trucking	Demond Brooks
Ty Aall	ERRG	
JOHN SOURAL	ERRG	

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: 12 SITE GRADING #13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		6/4/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		6/4/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		6/4/13 0700
Employee(s):	B. LUTASKO		6-4-13 0700
	JOSH PEREZ		6/4/13 0700
	ADOLFO MADRIGAL		6-4-13 0700
	M. RIVERA		6-4-13 0700
	F. LOZA		6-4-13 0700
	BKERR		6-4-13 0700
	[illegible]		6-4-13 0700
	PAUL RODRIGUEZ		6-4-13 0700
	RODRIGO PULIDO		6-4-13 0710
	LUPE TRUJILLO		6-4-13 0710
	ENRIQUE MARTINEZ		6-4-13 0700
	DAVID INGLISH		6-4-13 0700
	MIKE BABST		6-4-13 0700
	SPENCER JOHNSON		6/4/13 0700
	[illegible]		6-4-13 0700

DAILY FIELD ACTIVITY LOG

Name:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	6/4/13
Location:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST TO CLEARING, WINDY	Page:	1 of 1
Site Visitors:	USN - Doug DeLong		

Description of Field Activities:

SITE GRADING WEST + SOUTH OF BLDG 123, ALONG SHAROLINE FROM DD#3 PUMPHOUSE INLET TO BLDG 130, REMOVING VEGETATION AROUND BLDG. 125, CLEANUP CONCRETE IN LAYDOWN AREA, PLUS REMOVE ASPHALT EAST OF BLDG. 125 + HAUL TO AREA D-1. ROLLING + CUTTING ASPHALT.

PLACING + COMPACTING BASE AROUND DD#3 PUMPHOUSE + PUMPHOUSE INLET. ROLLING + COMPACTING GRADED AREA NORTH OF BLDG. 123.

IMPORTING BASE MATERIAL WITH BOTTOM DUMP TRUCK.

WATTLED ALL SLOPED AREAS THAT HAVE BEEN HYDROSEEDED + COVERED WITH GEOFABRIC.

EQUIPMENT – EXCAVATOR, OFF-ROAD DUMP TRUCK, 2 MOTOR GRADERS, END LOADER, BACKHOE, SKIDLOADER, BULLDOZER, 2 WATER TRUCKS, 2 KUBOTAS.

Signed: [signature] Date: 6/4/13

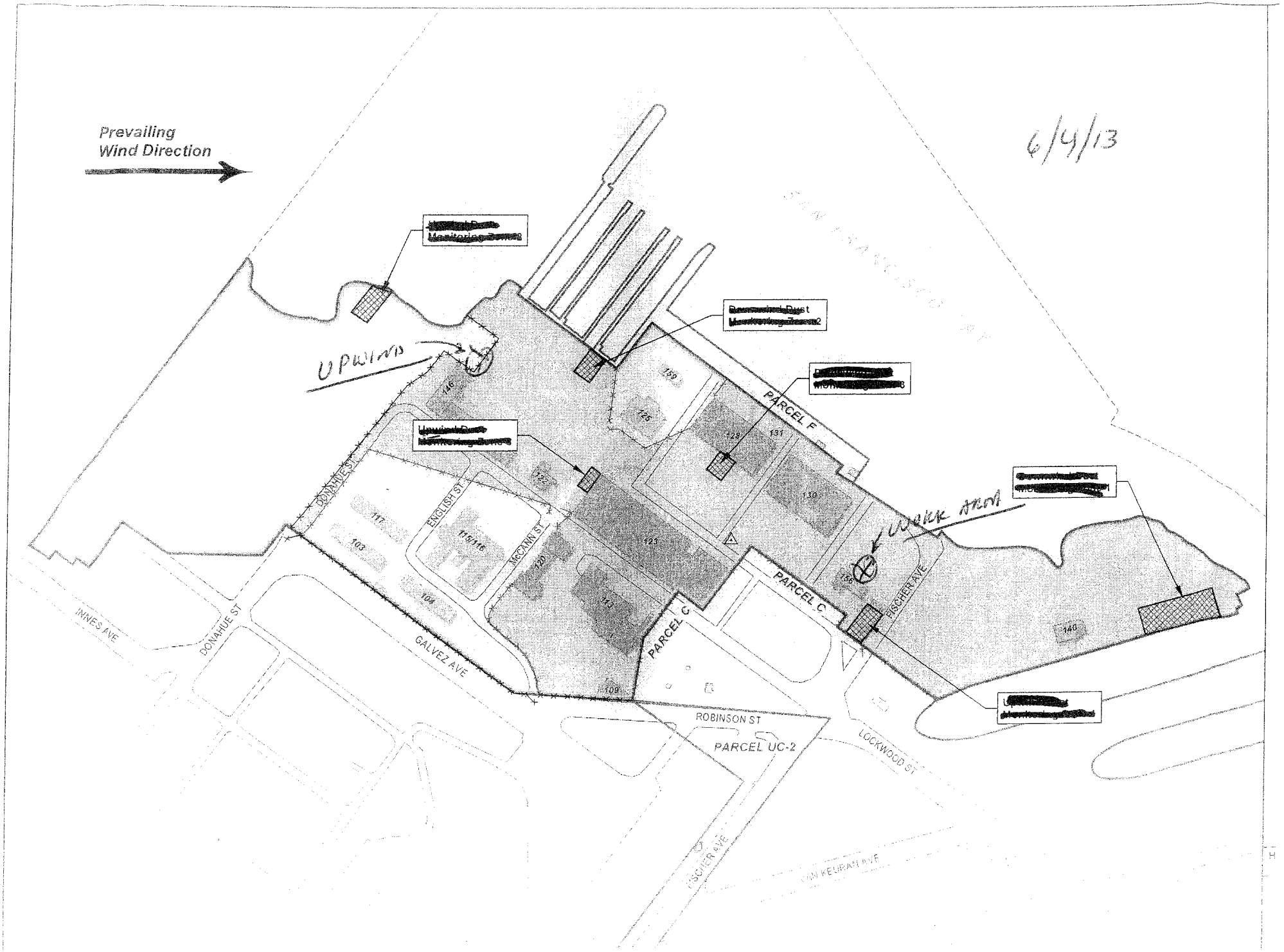
ERRG

AIR MONITORING LOG SHEET

ERRG

Richard Epp		Client:	US Navy
Hunters Point Naval Shipyards		Project No.:	2012-037
Parcel B		Page:	1 of 1
Date and Time):	6/3/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND	6/4/13	0235	0.017	0.021	
MONITOR # 1161		0846	0.006	0.007	
		0945	0.015	0.007	
		1026	0.003	0.005	
		1130	0.001	0.004	
		1305	0.000	0.002	
		1424	0.011	0.004	
		1570	0.041	0.010	
WORK AREA					
MONITOR # 1008	6/4/13	0740	0.004	0.007	
		0848	0.000	0.000	
		0943	0.000	0.000	
		1029	0.000	0.000	
		1127	0.000	0.000	
		1300	0.000	0.000	
		1410	0.009	0.000	
		1524	0.000	0.001	
DOWNWIND					
MONITOR # 10973	MONITOR WOULD NOT CALIBRATE, IN FOR REPAIR. ROUTE MONITOR TOMORROW.				



Prevailing
Wind Direction
6/4/13
UPWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
SAN FRANCISCO AV
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: Freightliner 4K water truck	Model No.: Business Class M2	Serial No.: 1VHCYBS39 DAD1839

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~~		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: James C [illegible] Date of Inspection: 6/4/13

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 04/06/13

REPORT NO 140

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Started the irrigation system installed on all completed areas of the soil cover to test the sprinkler coverage.
05	Continued removing railroad tracks from the area between Building 156 and Building 123. Continued removing vegetation around the exterior of
	Building 125. Continued rough grading of the site on the west side and south side of Building 123 using a motor grader equipped with a GPS-
	guided blade leveling system. Performed rough grading of the area between the drainage swale and the revetment east of Building 130.
	Finished placing and compacting aggregate base course around the perimeter of the outfall channel northwest of Building 140.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description
05	Held weekly QC meeting; attended by Navy BRAC PMO (Douglas Delong), ERRG QCM (Spencer Slominski), ERRG SSHO (Richard Epp),
	and ERRG QC staff (Spencer Johnson).

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

Spencer Slominski — 06/04/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/04/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 06/04/13

Photo 1: Asphalt Cover Installation – Removing railroad tracks between Building 123 and Building 156

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 4, 2013

Photo 2: Asphalt Cover Installation – Rough grading the area between the drainage swale and the revetment on the east side of Building 130

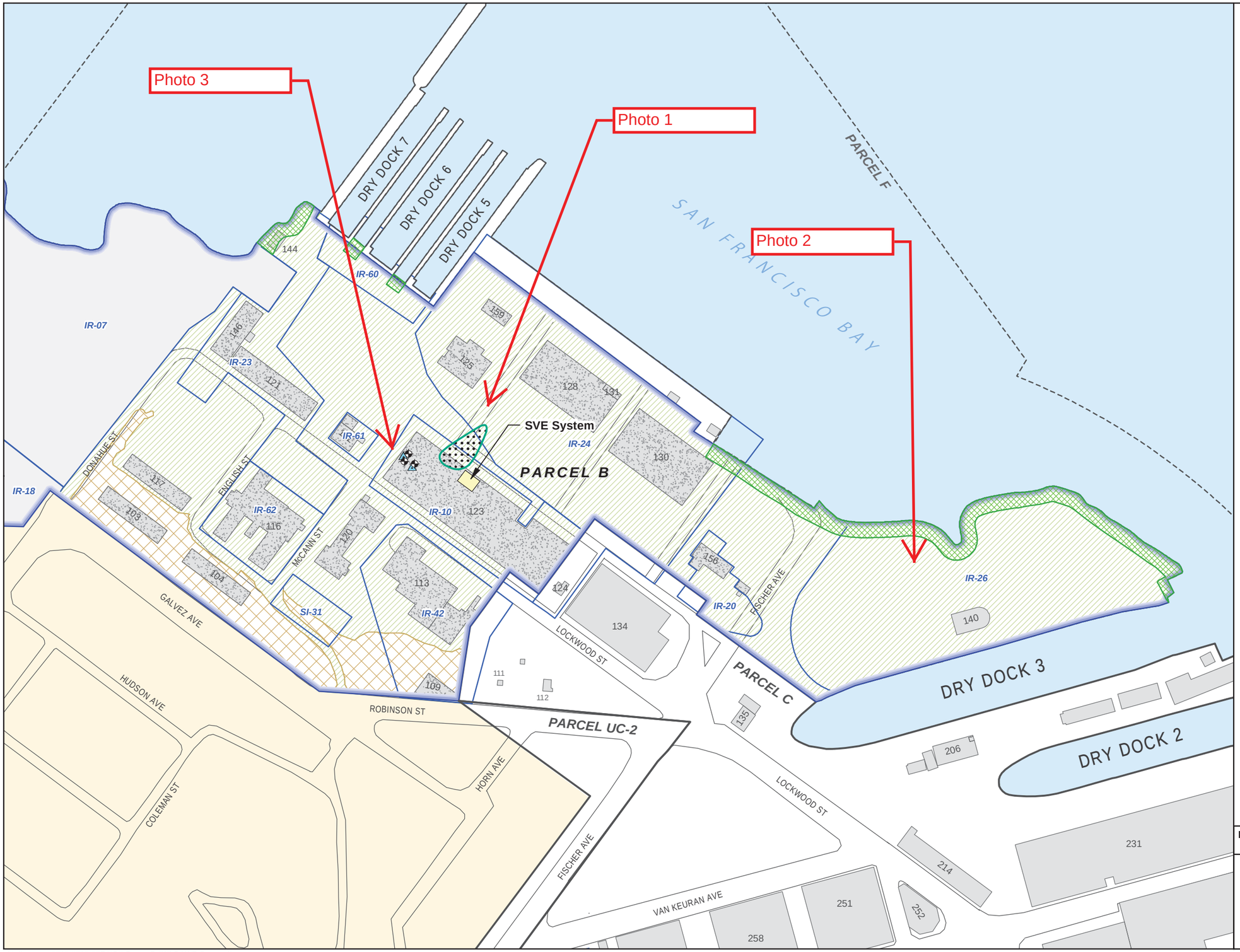
HPNS Parcel B Remedial Action, San Francisco, California

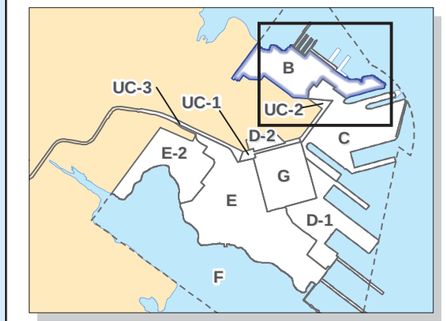
Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 4, 2013

Photo 3: Asphalt Cover Installation – Rough grading of the area northwest of Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 4, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 05/06/13	REPORT NO: 141
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 64	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	6
04	Continued irrigation system on seeded slopes and fill areas.	ERRG	1	Project Manager	4
		ERRG	1	QC Manager	0
05	Crew continue site grading in our lay down area behind building 121.	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
05	Crew working on clearing vegetation and debris from the north and west side	ERRG	6	Equipment Operators	35
	of building 123.	ERRG	8	Laborers	44
		ERRG	3	Truck Drivers	16
05	Crew working on cutting swale between Parcel B/C boundary at between B134				
	and B123.				

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	143
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	19,151
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION	19,294
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO		

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		2 loads (45.31 tons) 3/4" drain 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	3
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS
05	An area of the swale cut near the parcel B/C boundary between building 134 and 123 to the revetment outfall was discovered to have a TPH odor. We stopped work and notified
	the ERRG PM who in turn notified the Navy.
05	Site walk today with our asphalt paving subcontractor- 3 people from Granite (Joe Pomilia, Diana Navarro, and Mark Bosio)

James Nores 06/05/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	05/06/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	141 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores — 06/05/13

CONTRACTOR/SUPERINTENDENT — DATE

TAILGATE SAFETY MEETING

ERRG

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

DATE 6/5/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING; CUTTING RAILS, PLACING + COMPACTING BASE, CLEARING VEGITATION FROM AROUND PLUGS, IRRIGATION

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRUCKS, STIF, HYDRATION

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

ISSUED LPO CARDS: _____ Yes _____ No

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Lunasco	ERRG	[signature]
Josh Pell	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
[illegible]	ERRG	[signature]
[illegible]	[illegible]	[signature]
Rodrigo Pelido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
M. Rivera	ERRG	[signature]
F. Loza	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Ray Baylor	ERRG	[signature]
John Sourial	ERRG	[signature]
Ty Appel	ERRG	[signature]

[signature]

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: 12 SITE GRADING
#13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EPP		6/5/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	B. Lunasco		6-5-13 0700
	Josh Pell		6/5/13 0700
	Brian Kerr		6/5/13 0700
	Jim Aguilar		6-5-13 0700
	J Rodriguez		6-5-13 0700
	Adolfo Mendoza	Adolfo M.	6-5-13 0700
	Rodrigo Pulido	Rodrigo	6-5-13 07:00
	Lupe Trujillo	Lupe	6-5-13 07:00
	M. Rivera		6.5.13 0700
	F. Loza		6-5-13 0700
	Mike Bonasso		6-5-13 0700
	Spencer Johnson		6/5/13 0700
	[illegible]		6-5-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	6/5/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST TO CLEAR, WINDY	Page:	1 of 1
Site Visitors:	GRANITO - JIG POMILIA, DIANA NAVARRO, MARK BOSIO		

Description of Field Activities:

SITE GRADING ; LOADING AREA CUTTING RAILS, REMOVING ASPHALT + TIES, HAULING TO AREA D-1, BREAKING OUT CONCRETE + HAULING TO AREA D-1. CLEARING VEGETATION AROUND BLDG 123, SWING CUT OFF OF BLDG 130.

BASE MATERIAL PLACED + COMPACTED.

WATERED HYDRO-SEEDED AREAS.

JOBWORK WITH PAVING CONTRACTOR.

EQUIPMENT : EXCAVATOR, OFF-ROAD DUMP TRUCK, BULLDOZER, END LOADER, MOTOR GRADER, PADDLE SCRAPER, DROP LOADER, 2 BACKHOES, 2 WATER TRUCKS, KUBOTA.

Signed: [signature] Date: 6/5/13

ERRG

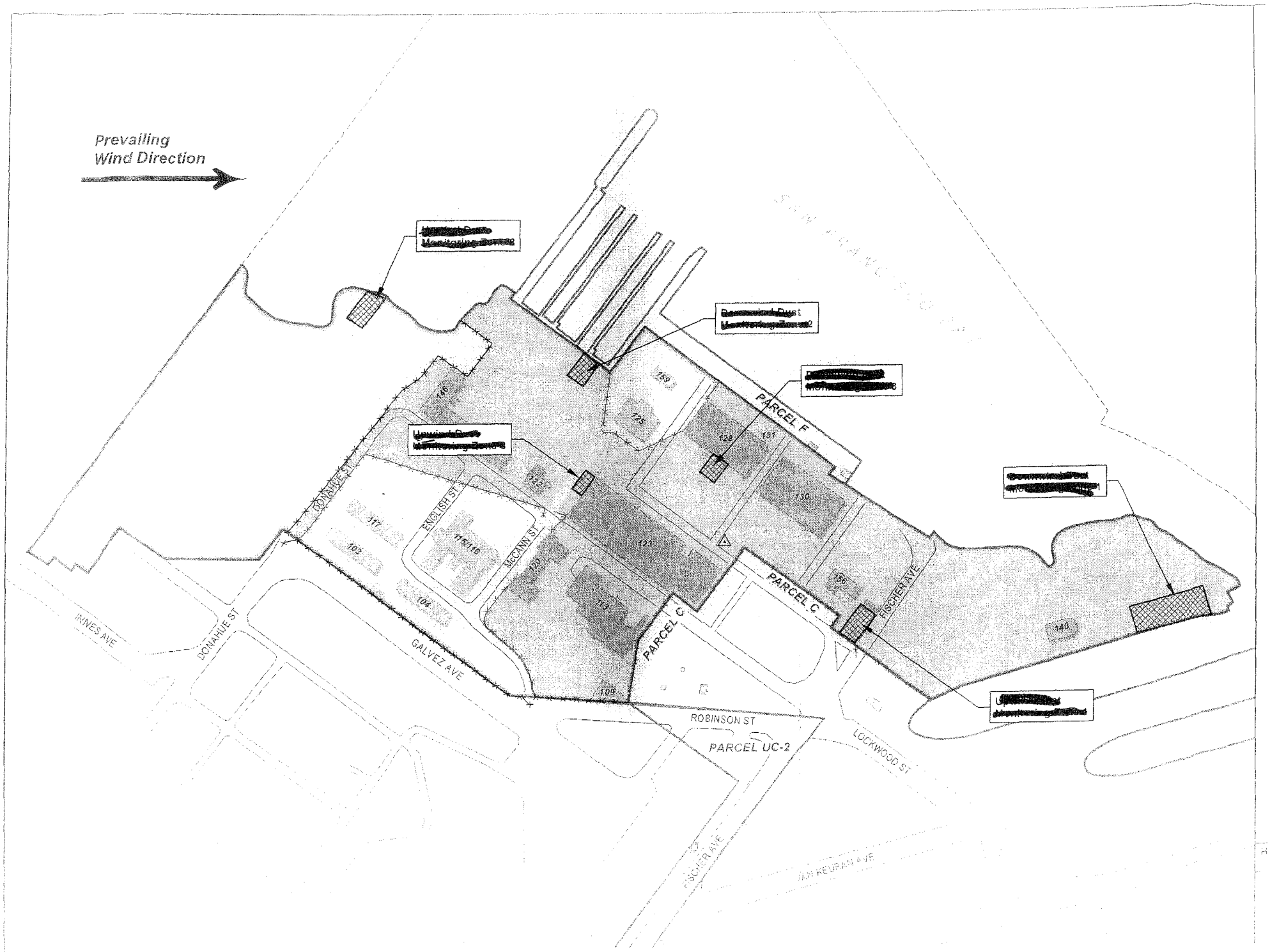
AIR MONITORING LOG SHEET

ERRG

Richard Epp
Hunters Point Naval Shipyards
Parcel B
(Date and Time): 6/3/13

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 / LAYDOWN FENCE MONITOR # 1161	6/5/13	0755	0.019	0.017	
		0922	0.011	0.017	
		1020	0.008	0.015	
		1133	0.007	0.013	
		1307	0.005	0.011	
		1400	0.004	0.011	
		1504	0.008	0.011	
WORK AREA / SAFETY TABLE @ BLDG 156 / MONITOR # 1008	6/5/13	0759	0.000	0.000	
		0918	0.000	0.000	
		1023	0.120	0.070	
		1137	0.172	0.105	
		1314	0.056	0.140	
		1404	0.040	0.134	
		1507	0.028	0.128	
DOWNWIND / DD #3 @ SHERELINE / MONITOR ~~#1023~~ 4004	6/5/13	0802	0.000	0.000	
		0916	0.000	0.000	
		1026	0.000	0.000	
		1140	0.001	0.000	
		1312	0.003	0.000	
		1404	0.004	0.001	
		1510	—	—	BATTERY DEAD



Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
JAN KEURAN AVE
169
125
128
131
130
146
122
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 05/06/13

REPORT NO 141

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Checked the irrigation system installed on all completed areas of the soil cover to test the sprinkler coverage.
05	Continued removing railroad tracks from the area northeast of Building 121. Removed vegetation and debris around the exterior of Building
	123 and prepared the subgrade for placement of aggregate base. Performed rough grading of the area northeast of Building 121. Began
	cutting the drainage swale located between the Parcel B/Parcel C boundary and the revetment adjacent to Building 130.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description
05	During grading of the drainage swale between Building 123 and the revetment, an area of soil with petroleum odor and visible staining was
	discovered in the section of the swale between Building 156 and the Parcel B/Parcel C boundary. ERRG stopped work in this area and
	notified the Navy RPM.
05	Conducted a site walk with ERRG's paving subcontractor, Granite 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 — 06/05/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/05/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 06/05/13

Photo 1: Asphalt Cover Installation – Rough grading of the site in the area northeast of Building 121

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 5, 2013

Photo 2: Asphalt Cover Installation – Pavement subgrade in the area northeast of Building 121 during rough grading

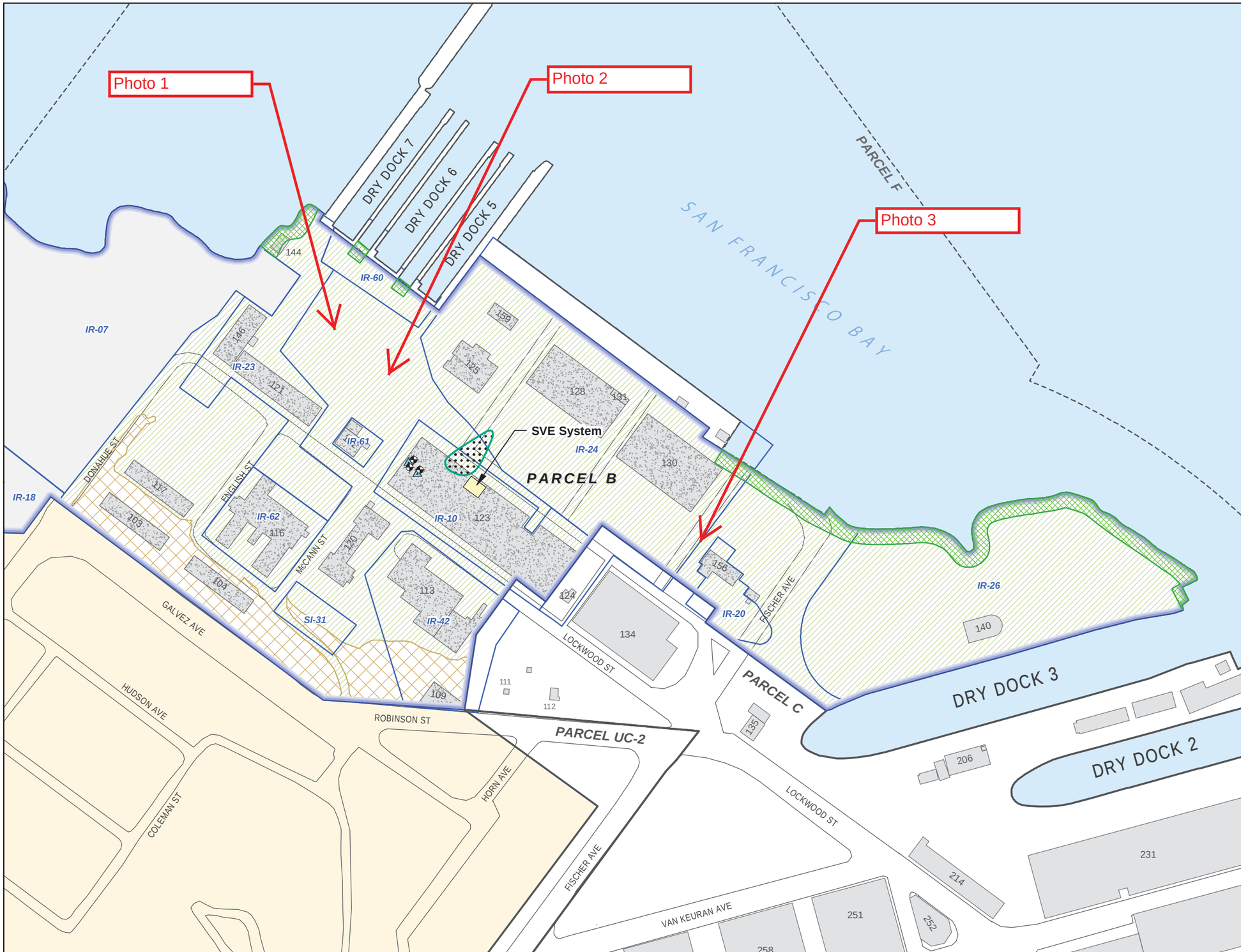
HPNS Parcel B Remedial Action, San Francisco, California

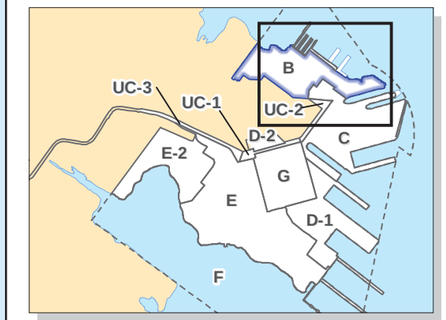
Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 5, 2013

Photo 3: Asphalt Cover Installation – Cutting the drainage swale located between the Parcel B/Parcel C boundary and the revetment

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 5, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/06/13	REPORT NO: 142
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 64	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	8
04	Continued irrigation system on seeded slopes and fill areas.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	4
05	Continue with debris clearing around building 125, and filling in grading around	ERRG	1	H&S Officer	8
	the west end of building 123. Continue grading on the north side of building 121	ERRG	2	QC Staff	20
		ERRG	7	Equipment Operators	40
05	Excavate the TPH contaminated material from the swale from the C/B border	ERRG	8	Laborers	44
	at building 134 60' to the northeast. 5 off road truck loads ~100cy. Stockpiled	ERRG	2	Truck Drivers	12
	at D-1 in the TPH stockpile.				

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: 146
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: 19,294
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 19,440

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	3
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS

James Nores 06/06/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/06/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	142 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores — 06/06/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 6/6/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, HAUL DOWN TO D-1, CUT PADS, CLEAN AROUND BLDGS, GRADE SURFACE + BASE MATL, COMPACT

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, STAF, HEAT STRESS, HYDRATION

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Lupasco	ERRG	
M. Rivera	ERRG	
Jim Aguiar	ERRG	
Josh Perr	ERRG	
Adolfo Rodriguez	ERRG	
F. LORA	ERRG	
Rodrigo	ERRG	
Lupe Trujillo	ERRG	
Joel Rodriguez	ERRG	
Brian Kerr	ERRG	
Snaifue Martinez	ERRG	
Spencer Johnson	ERRG	
J. Correch	ERRG	
King Bailey	ERRG	
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 #: 11 SITE GRADING
12 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		6/6/13 @ 700
Site Safety and Health Officer:	[redacted] R. EPP		6/6/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	B. LUPASCU		6-6-13 0700
	M. RIVERA		6-6-13 0700
	JIM QUINN		6-6-13 0700
	JOSIA PEÑA		6/6/13 0700
	Adolfo Madrigal	Adolfo M.	6-6-13 - 0700
	Rodrigo Pulido	Rodrigo	6-6-13 0700
	LUPE TRUJILLO	Lupe	6-6-13 0700
	F. LOZA		6-6-13 0700
	B Kerr		6-6-13 0700
	D Rodriguez	Rodriguez	6-6-13 0700
	Enrique Martinez		6-6-13 0700
	Spencer Johnson		6/6/13 0700
	J. Garrett		6/6/13 0700
	Ray		6-6-13 0700

DAILY FIELD ACTIVITY LOG

[illegible]	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	6/6/13
[illegible]	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR, WINDY	Page:	1 of 1
Site Visitors:	PGE - DAMON SPIEL, DAN CLARE USN - PETER STROGANOFF		

Description of Field Activities:

SITE GRADING + COMPACTING AT WEST END OF BLDG 123, RIPPING + GRADING LAYDOWN AREA, CUTTING RAILS, EXCAVATING SPOIL FROM DRAINAGE SWALE EAST OF BLDG. 130, CLEARING VEGETATION + DEBRIS FROM AROUND BLDG. 125 + GRADING AREA.

IRRIGATION OF HYDROSEEDED AREAS.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, 2 MOTOR GRADERS, PADDLE SCRAPER, SKIPLOADER, BACKHOES, BULLDOZER, 2 WATER TRUCKS, 2 KUBOTAS

Signed: [signature] Date: 6/6/13

ERRG

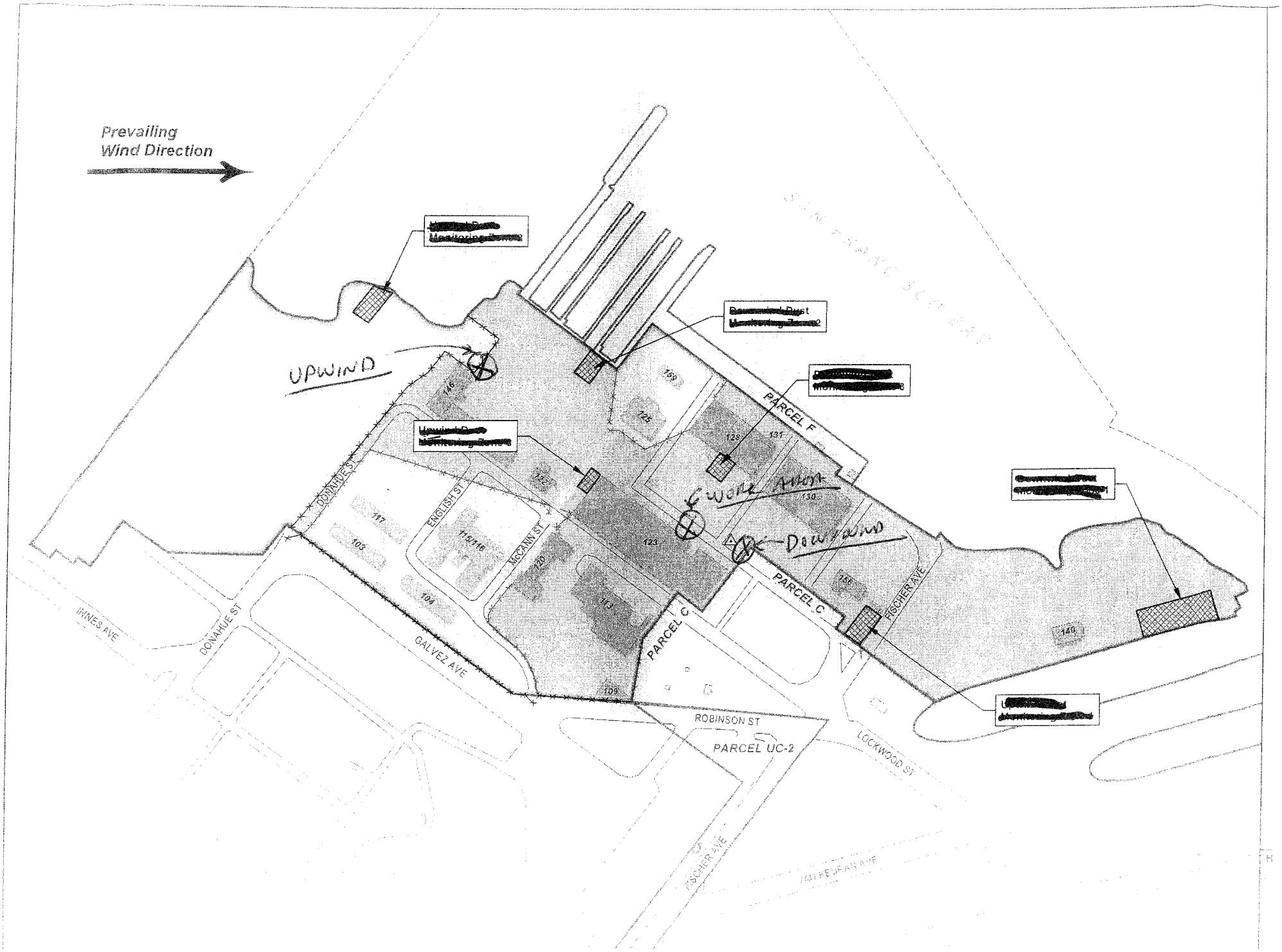
AIR MONITORING LOG SHEET

ERRG

Richard Epp
Hunters Point Naval Shipyards
Parcel B
(Date and Time): 6/3/13

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 / LAYDOWN FENCE MONITOR # 1161	6/6/13	0729	0.002	0.003	
		0830	0.002	0.008	
		0919	0.011	0.018	
		1002	0.005	0.012	
		1140	0.009	0.012	
		1245	0.007	0.010	
		1402	0.027	0.024	
		1452	0.049	0.033	
WORK AREA / NORTH SIDE BLDG 123 / MONITOR # 1008	6/6/13	0726	0.029	0.028	
		0833	0.039	0.057	
		0923	0.040	0.048	
		1038	0.053	0.047	
		1124	0.051	0.047	
		1252	0.052	0.049	
		1350	0.041	0.052	
		1457	0.142	0.050	
DOWNWIND AREA B/C FENCE / MONITOR # 4004	6/6/13	0720	0.000	0.000	
		0834	0.000	0.000	
		0923	0.000	0.000	
		1036	0.000	0.000	
		1121	0.020	0.018	RECALIBRATED
		1254	0.042	0.021	
		1347	0.027	0.023	
		1500	—	—	BATTERY DEAD



Prevailing
Wind Direction
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VAN KEURAN AVE
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 06/06/13

REPORT NO 142

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Continued removing vegetation and debris around the exterior of Building 125. Continued rough grading of the area northeast of Building 121
	and the area west of Building 123; grading performed using a motor grader equipped with a GPS-guided blade leveling system.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Investigated the swale between the Parcel B/C boundary and Building 130 where petroleum-impacted soil was discovered. The petroleum
	contamination appeared to be confined to a 1-foot thick lens extending along 60 feet of the swale cut. All visibly contaminated soil was removed
	from the swale cut and placed in a segregated stockpile. ERRG collected a sample of the impacted soil, and collected 3 confirmation samples
	from the bottom of the swale cut after removing the impacted soil. All samples were submitted to an analytical laboratory for TPH analysis.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 06/06/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/06/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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					

QC Manager: Spencer Slominski	Date: 06/06/13

Photo 1: Asphalt Cover Installation – Rough grading of the area northeast of Building 121

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 6, 2013

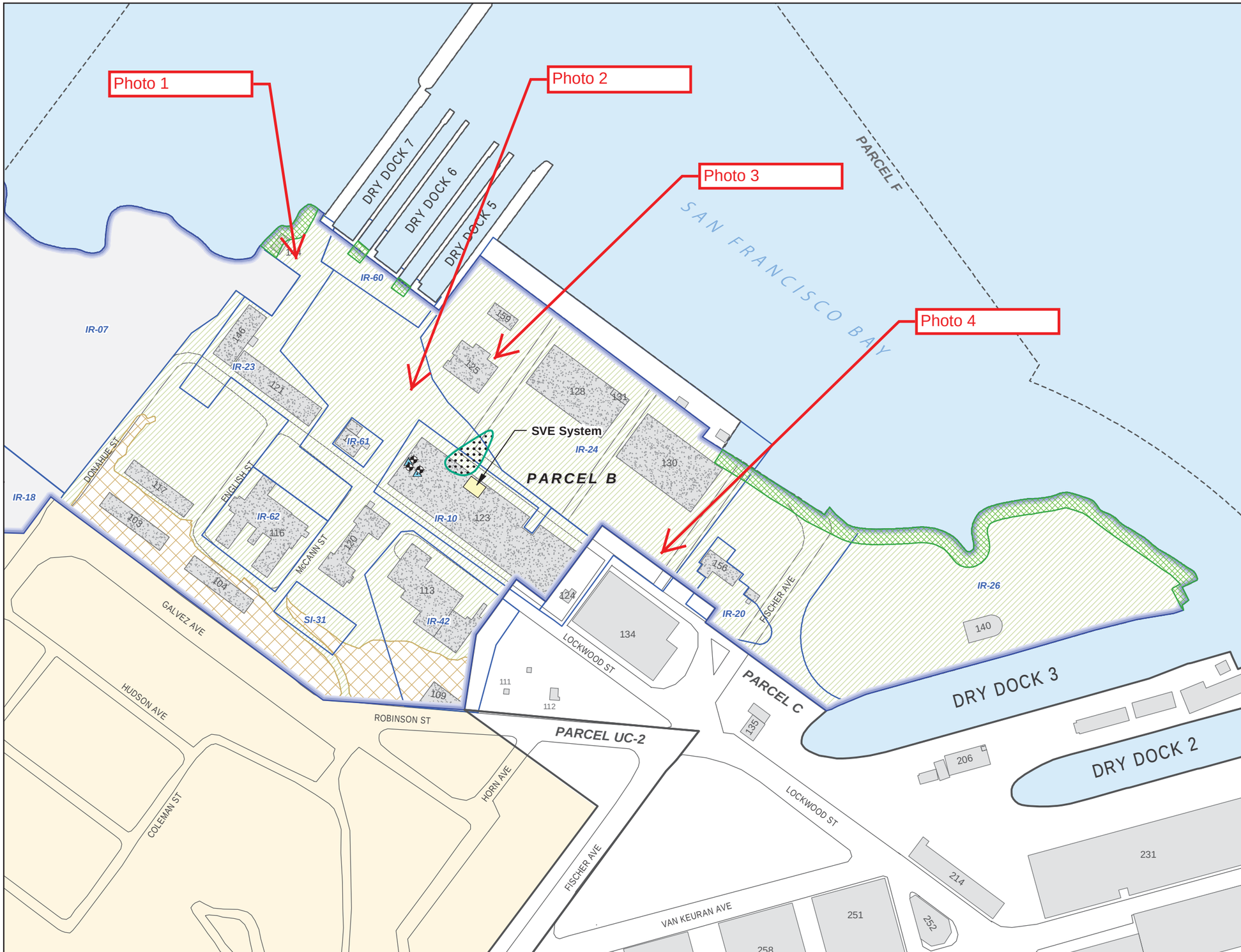
Photo 2: Asphalt Cover Installation – Rough grading of the area between Building 123 and Building 125

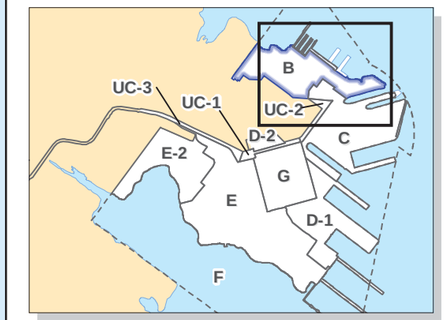
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 6, 2013

Photo 3: Asphalt Cover Installation – Clearing debris from the exterior of Building 125
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: June 6, 2013

Photo 4: Asphalt Cover Installation – Removal of petroleum-impacted soil from the swale cut located between the Parcel B/C boundary and Building 130
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 6, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/06/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	143		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	64	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continued irrigation system on seeded slopes and fill areas.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Crew working on site grading around building 125, north of buildings 130 and	ERRG	1	H&S Officer	8
	128. Fill and compact loading dock on north side of building 116. Remove	ERRG	2	QC Staff	20
	vegetation on the west side of building 116. Complete fill and compaction on	ERRG	7	Equipment Operators	44
	west end of building 123. Cut and cap monitoring wells NE of building 130.	ERRG	8	Laborers	44
		ERRG	2	Truck Drivers	12
05	Crew excavate outfall and swale east of building 130. Place gravel around	Harris Blade	1	Motor Grader Sub	8
	perimeter of pump house at dry dock 3.				

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: 156
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: 19,440
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 19,596

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	3
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS

James Nores 06/07/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/06/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	143 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores — 06/07/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 6/7/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, REMOVING VEGITATION FROM AROUND BLDGS.,

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT - STRUCK BY, LIFTING, HEAT STRESS

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
JOSH PELL	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
F. LOZA	ERRG	[signature]
M. Rivera	ERRG	[signature]
David English	Harris	[signature]
Brian Kerr	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
Jim Aguirre	ERRG	[signature]
P. Lundasen	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Lupe Trujillo	ERRG	Lupe
MARIBLE MARTINEZ	ERRG	[signature]
Mike Barbagl	ERRG	[signature]
King Bailey	ERRG	[signature]
Thomas Hatch	Cascade	[signature]
Troy Stephens	Cascade	[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 #: 12 SITE GRADING
13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	6/7/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	6/7/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Josh Pell	[signature]	6/7/13 0700
	Adolfo Madrigal	Adolfo M	6-7-13 - 0700
	F. LOZA	[signature]	6-7-13 0700
	M Rivera	[signature]	6-7-13 0700
	Brian Kerr	[signature]	6-7-13 0700
	David English	[signature]	6-7-13 0700
	Jim Aguiar	[signature]	6-7-13 0700
	P Rodriguez	[signature]	6-7-13 0700
	B. Lucasco	B. Lucasco	6-7-13 0700
	Spencer Johnson	[signature]	6/7/13 0700
	Rodrigo pulido	Rodrigo	6/7/13 0700
	Lupe Trujillo	Lupe	6/7/13 0700
	Mike Babst	[signature]	6/7/13 0700
	Eustaquio Martinez	[signature]	6-7-13 0700
	King Bailey	[signature]	6-7-13 0700

DAILY FIELD ACTIVITY LOG

Day	FRIDAY	Client:	Navy
		Date:	6/7/13
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:

DRILLING DEACTIVATED FUEL @ SHARPE.

SITE GRADING @ BLDG 125, NORTH OF BLDGS 130 & 128, FILL & COMPACT LOADING DOCK ON NORTH END OF 116, REMOVE VEGETATION ON WEST SIDE OF 116. COMPLETED FILL & COMPACTION ON WEST END OF BLDG 125.

EXCAVATING OUTFALL AND SWALE EAST OF BLDG. 130

PLACING GRAVEL AROUND BASE OF DD #3 PUMPHOUSE.

CAPPING WALLS @ NE CORNER OF BLDG. 130.

EQUIPMENT - EXCAVATOR, OFF-ROAD DUMP TRUCK, MOTOR GRADER, SKID LOADER, BACKHOE, WATER TRUCK, 2 KUBOTAS, BULLDOZER, ROLLER.

Signed: [signature] Date: 6/7/13

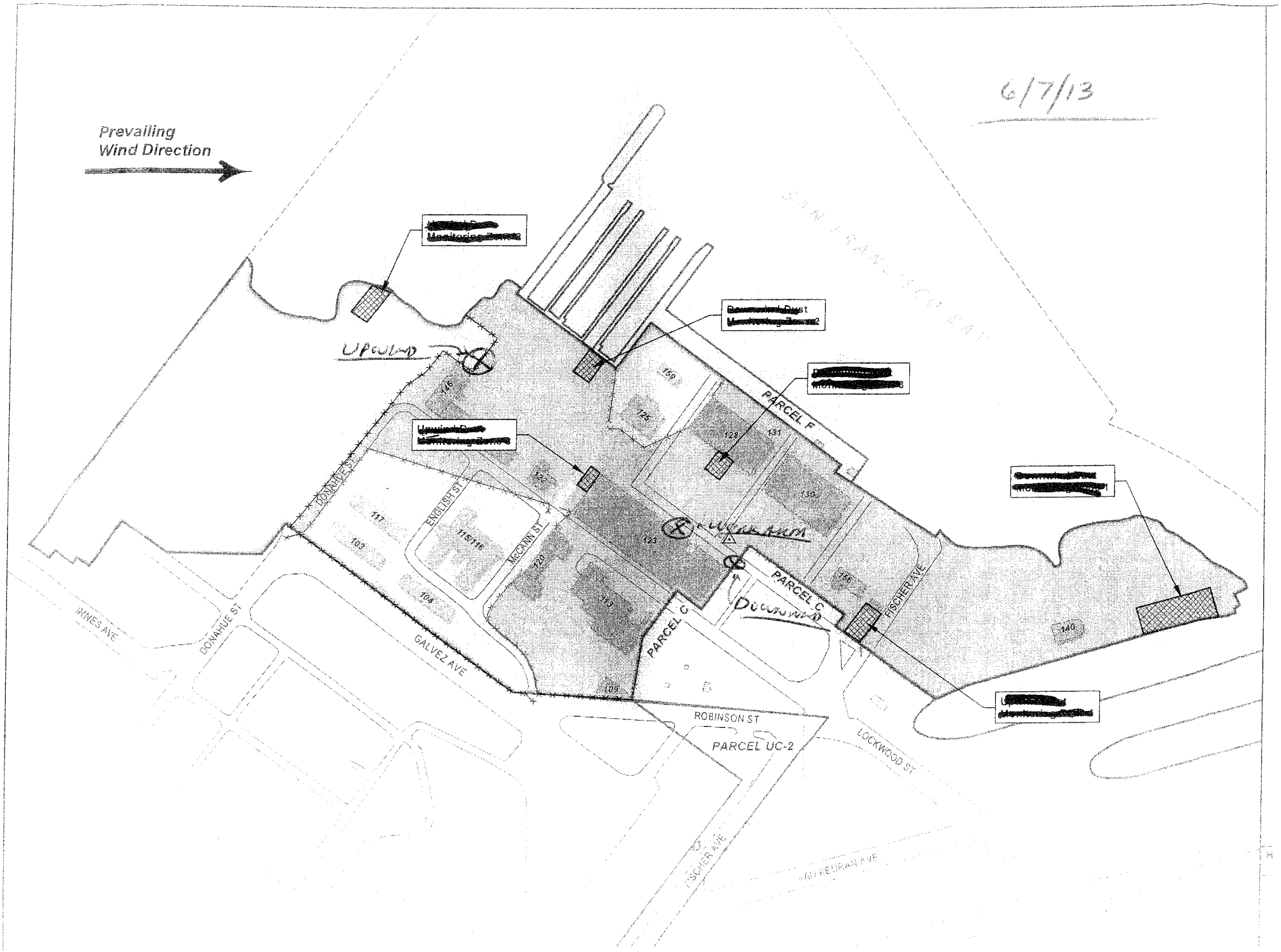
ERRG

AIR MONITORING LOG SHEET

ERRG

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

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN FENCE METER # 1161	6/7/13	0747	0.022	0.040	
		0858	0.021	0.023	
		1015	0.013	0.010	
		1136	0.029	0.019	
		1309	0.027	0.018	
		1420	0.019	0.018	
		1503	0.021	0.018	
WORK AREA / NORTH SIDE BLDG 123 / METER # 1008	6/7/13	0742	0.048	0.086	
		0857	0.051	0.053	
		1013	0.040	0.054	
		1134	0.055	0.057	
		1312	0.071	0.060	
		1422	0.055	0.061	
		1505	0.062	0.062	
DOWNWIND / PARCEL B/C fence / METER # 10973	6/7/13	0734	0.005	0.004	
		0856	0.006	0.004	
		1012	0.013	0.006	
		1133	0.020	0.011	
		1315	0.040	0.018	
		1423	0.000	0.022	
		1507	—	—	BATTERY DEAD


6/7/13
Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORKARM
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
SAN FRANCISCO BAY
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SCRAPER **Identification Number:** _____

Project Number / Name: HONS **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	1738 FL 6-3-13			1736 FL 6-5-13			1738.8 FL 6-6-13									
	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: _____

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SCRAPER Identification Number: _____

Project Number / Name: HPNS Rental ☐ ERRG ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 5-28-13 17269			FL 5-29-13 17318			FL 5-30-13 1733									
	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	✓			✓			✓									

Repair and/or corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 3410 COMPACTOR **Identification Number:** 1003700

roject Number / Name: HPNS **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	6-3-13 1074			6-4-13 1145			6-5-13 1129			6-6-13 1182			6-7-13 1190			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	
Gauges operative?	☒	☒	☒	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☒	☒	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

xplain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: 225 Excavator Identification Number: _____

roject Number / Name: 2012-032 Rental ☐ ERRG ☒

	Heavy Equipment Defects															
Inspected By (Initials) And Date:	BO 1680 5/29			BP 1684 5/30												Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplai rrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: John Deere 225D Excavator **Identification Number:** YW7CH3

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	JP 6/3			JP 6/4			JP 6/5			JP 6/6						
	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: CAT 735 HAUL TRUCK **Identification Number:** _____

Project Number / Name: H-P **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	KI 5-28-KI 40R3003,4			5-29 KI 3007-5												
	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?	✓	☐	☐	✓	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	EL ESPEJO CHICO DEL
Gauges operative?	✓	☐	☐	✓	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	LADO DERECHO ESTA
Battery charged?	✓	☐	☐	✓	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	KEBRADO
Windshield wipers operative?	✓	☐	☐	✓	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	✓	☐	☐	✓	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	✓	☐	☐	✓	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	✓	☐	☐	✓	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	✓	☐	☐	✓	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	✓	☐	☐	✓	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 735 HAUL TRUCK **Identification Number:** M 15788

Project Number / Name: 1PNS **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	5-13-13 FL 297K.3			5-16 2980/4												Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☑	☐	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Cat Haul truck **Identification Number:** M15788

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

Inspected By (Initials) And Date:	BK 6/3/13 3016.0			6/4/13 3020.7 BK			6/5/13 3026.7 BK			BK 6/6/13 3031.5			6/7/13 3037.0 BK			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	crack on front tire wall behind tire
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	small chips - driver's window
Gauges operative?	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	Fuel gauge does not work
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken: Checked for month - fire ext 6/3/13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: J/D 710 BACKHOE **Identification Number:** TW11293

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	2715.7 6-3-13 BL			2718.3 6-4-13			2720.7 6-5-13 BL			2723.9 6-6-13						
	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:

RRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

quipment Type: _____ Identification Number: _____

roject Number / Name: H/P Rental ☑ ERRG ☐

Inspected By (Initials) And Date:	5-20-13 35·13 • O															Defect(s):
	Heavy Equipment Defects															
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

xplain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: WATER TRUCK FL70 **Identification Number:** _____

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	6-3-KI 4002716-0			6/4-13 PR 2721.3			6-5-13 PR 2726.8			6-6-13 PR 2731.3			6-7-13 PR 2736.1			
	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:** TN11077

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

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	6-03-13 06288			6-04-13 6295			6-5-13 6299			6-6-13 06319			6-7-13 06321			
	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: ~~OTC~~ TS REAR RIGHT TIRE HAS A PLUG

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA Identification Number: TW 11678

Project Number / Name: HPNS, MARCOR B Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	5/31/13			6/3/13 9825			6/4/13 9841			6/5/13 9867			6/7/13 9827			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✗			✓			
Tracks			✓			✓			✓			✗			✓	
Steps and handgrips	✓			✓			✓			✗			✓			
Guards on moving parts?	✓			✓			✓			✗			✓			
Engine belts and hoses	✓			✓			✓			✗			✓			
Fluid levels acceptable?	✓			✓			✓			✗			✓			
Loading/lifting capacity marked?			✓			✓			✓			✗			✓	
Seat belt operative?	✓			✓			✓			✗			✓			
Fire extinguisher present?	✓			✓			✓			✗			✓			
Windows and mirrors unbroken?	✓			✓			✓			✗			✓			
Gauges operative?	✓			✓			✓			✗			✓			
Battery charged?	✓			✓			✓			✗			✓			
Windshield wipers operative?	✓			✓			✓			✗			✓			
Horn operative?	✓			✓			✓			✗			✓			
Back up alarm operative?		✓			✓			✓				✗		✓		
Lights and signals operative?	✓			✓			✓			✗			✓			
Steering and other controls	✓			✓			✓			✗			✓			
Brakes	✓			✓			✓			✗			✓			

Explain corrective actions taken:

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/06/13

REPORT NO 143

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Continued rough grading of the area northeast of Building 121 and the area northeast of Buildings 128 and 130 using a motor grader equipped
	with a GPS-guided blade leveling system. Transported fill material to the low area northeast of Building 116 and performed rough grading of
	this area. Compacted the pavement subgrade on the west side of Building 123. Cut and capped monitoring wells northeast of Building 130
	to prepare for grading and paving.
	Excavated the swale outfall at the revetment east of Building 130; continued excavating the swale from the outfall towards the Parcel B/C boundary.
	Placed clean 3/4-inch gravel in the planter area around the perimeter of Building 140 as the clean cover for this area.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Cascade Drilling decommissioned 2 monitoring wells (IR26MW40A and IR46MW41A) located in the revetment work area.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 06/07/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/07/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**			**X**	
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**	**X**			
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**	**X**			Decommissioned monitoring wells IR46MW41A and IR26MW40A
Receivables					
Material properties sheet					
Manufacturers QC Manual					
QC Certification					
QC Test report		**X**			Received laboratory compaction curve for AB material
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured					
Calibration					

QC Manager: Spencer Slominski	Date: 06/07/13

Photo 1: Asphalt Cover Installation – Placing fill material for the subgrade on the northeast side of Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 7, 2013

Photo 2: Asphalt Cover Installation – Compacting the fill material placed on the northeast side of Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 7, 2013

Photo 3: Asphalt Cover Installation – Outfall for the drainage swale located northeast of Building 130

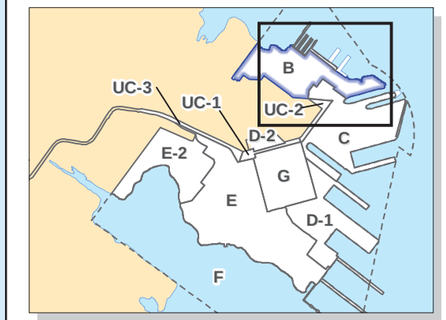
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 7, 2013

Photo 4: Asphalt Cover Installation – Decommissioning of monitoring well IR46MW41A

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 7, 2013



Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	10/06/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	144		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	64	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue to irrigate all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Import place and compact AB along the revetment edge and swale east of	ERRG	1	H&S Officer	8
	building 156. Four trucks looping with Class II AB.	ERRG	2	QC Staff	20
		ERRG	6	Equipment Operators	44
05	Continue with clearing along the sub pens- filling vaults and abandoned man	ERRG	7	Laborers	40
	holes to make sub grade. Continue cutting swales.	ERRG	2	Truck Drivers	12
		Harris Blade	1	Motor Grader Sub	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	152
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	19,596
TOTAL WORK HOURS FROM START OF CONSTRUCTION	19,748

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		77 loads of AB (1848.33 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS

James Nores 06/10/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	10/06/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	144 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores 06/10/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 6/10/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, IMPORT COVER SOIL, PLACE + COMPACT COVER

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, STEP, HYDRATION

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

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

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

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

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

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

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

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

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. [illegible]	ERRG	[illegible]
Josh Pell	ERRG	[illegible]
David English	Harris	[illegible]
[illegible]	[illegible]	[illegible]
Adolfo Madrigal	ERRG	[illegible]
Rodrigo Pulido	ERRG	Rodrigo
Jeremy Adviar	ERRG	[illegible]
Jim Aguiar	ERRG	[illegible]
Enrique Martinez	ERRG	[illegible]
F. Loza	ERRG	[illegible]
M. Rivera	ERRG	[illegible]
Spencer Johnson	ERRG	[illegible]
Spencer Glenish	ERRG	[illegible]
Brian Kerr	ERRG	[illegible]
Mike Babst	ERRG	[illegible]
[illegible]	ERRG	[illegible]
Melvin Horne	E Butler	[illegible]
Michael Sumpts	E Butler	Michael Sumpts

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
HARINDER KALOTI	BARONE	
NARINDERPAL SINGH	BARONE	
Ty Allen	ERRG	

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

SIGNATURE: SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: 12 SITE GRADING
#13 Soil cover

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	6/10/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	6/10/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	6/10/13 0700
Employee(s):	B. LUNASCO	B. Lunasco	6-10-13 0700
	Josh Pell	[signature]	6/10/13 0700
	David Inglish	[signature]	6/10/13 0700
	Paul Rodriguez	[signature]	6-10-13 0700
	Adolfo Madrigal	Adolfo M.	6-10-13 0700
	Rodrigo Pulido	Rodrigo	6-10-13 0700
	JEREMY AGUIAR	[signature]	6-10-13 0700
	Jim Aguiar	[signature]	6-10-13 0700
	Enrique Martinez	[signature]	6-10-13 0700
	F. LOZA	[signature]	6-10-13 0700
	M. Rivera	[signature]	6-10-13 0700
	Spencer Johnson	[signature]	6/10/13 0700
	Brian Kerr	[signature]	6/10/13 0700
	Mike Bobst	[signature]	6/10/13 0700
	Kay Bailey	[signature]	6-10-13 0700

DAILY FIELD ACTIVITY LOG

[illegible]	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	6/10/13
[illegible]	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEARING	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

SITE GRADING NORTH OF BLDG 115/116, EXCAVATING ASPHALT EAST OF BLDG 125 + HAULING TO D-1, CUTTING + SHAPING SWALES IN SEVERAL AREAS, EXCAVATED ENTRANCE TO BLDG 123 + INSTALLED BASE, COMPACTED.

IMPORTED BASE MATERIAL WITH 4 BOTTOM DUMP TRUCKS, PLACED + COMPACTED ALONG SHORELINE EAST OF BLDG 130 TO DD #3 PUMP HOUSE.

IRRIGATED HYDROSEEDED AREAS.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, 2 MOTOR GRADERS, ROLLER, BULLDOZER, BACKHOE, SKIP LOADER, WATER TRUCK, 2 KV BOTAS

Signed: [signature] Date:

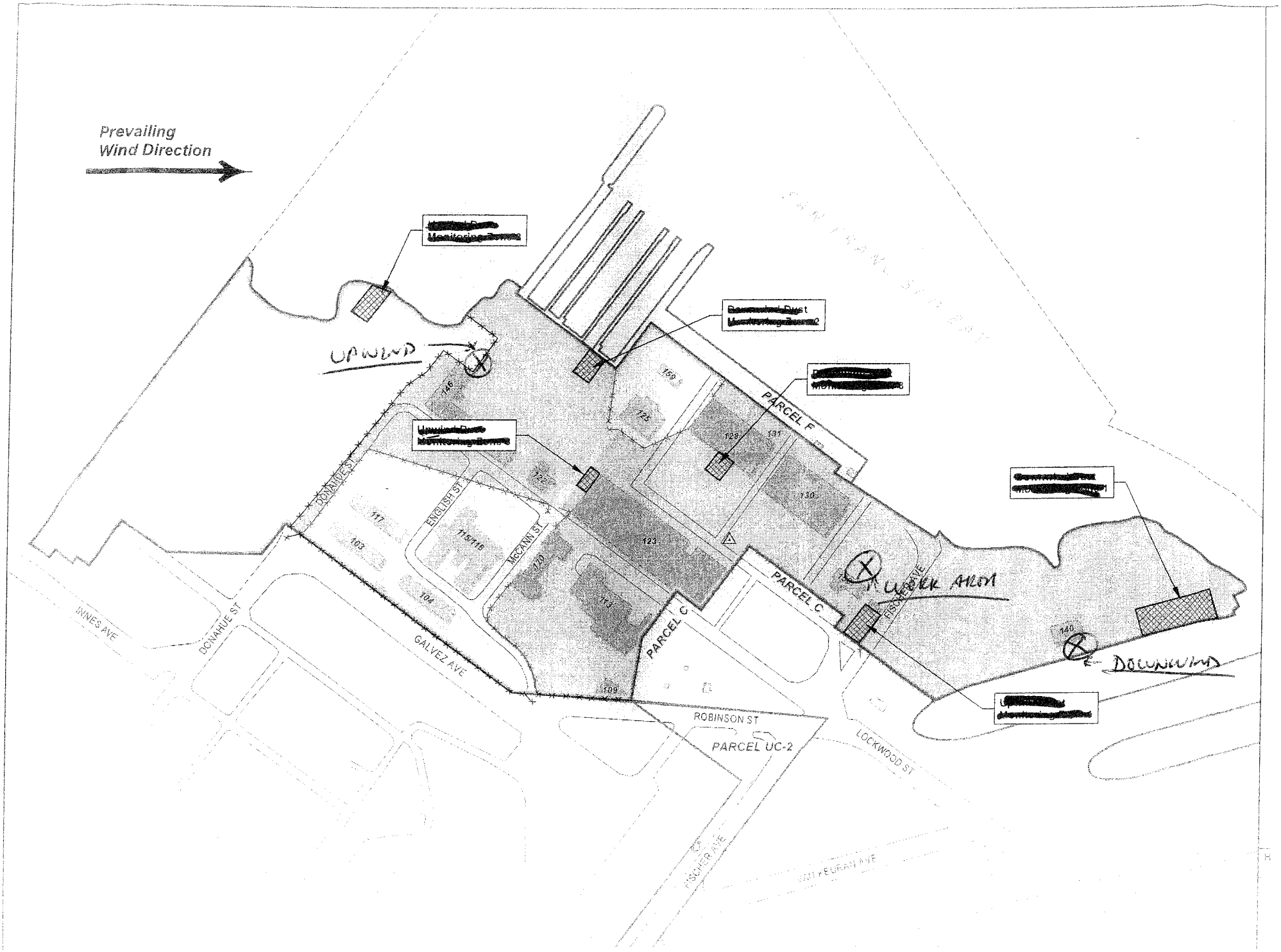
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):	6/8/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAY DOWN FENCE MONITOR # 1161	6/10/13	0745	0.040	0.036	
		0847	0.015	0.014	
		0940	0.025	0.017	
		1032	0.019	0.016	
		1126	0.014	0.015	
		1252	0.011	0.014	
		1332	0.016	0.014	
		1440	0.022	0.014	
WORK AREA / STATION THREE @ BLDG 156 / MONITOR # 1008	6/10/13	0737	0.072	0.065	
		0851	0.020	0.053	
		0943	0.053	0.053	
		1038	0.043	0.056	
		1129	0.061	0.056	
		1255	0.062	0.057	
		1335	0.067	0.061	
		1443	0.049	0.061	
DOWNWIND / DDS PARKING MONITOR # 10973	6/10/13	0740	0.032	0.035	
		0853	0.037	0.033	
		0945	0.025	0.032	
		1040	0.032	0.036	
		1130	0.040	0.033	
		1257	0.045	0.035	
		1338	0.046	0.036	
		1440	—	—	BATTERY DEAD.



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

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 10/06/13

REPORT NO 144

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

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

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

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

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Continued excavation and rough grading of the swale between Building 130 and the Parcel B/C boundary. Continued rough grading of the area
	on the northeast side of Building 116 and the area northeast of Buildings 128 and 130. Removed asphalt pavement and performed rough grading
	of the area southwest of Building 125. Placed fill material in the vaults and manholes adjacent to Dry Docks 5 and 6.
05	Imported and placed aggregate base material over the subgrade between the revetment and the swale east of Building 130; performed fine grading
	and compaction of the aggregate base course. Prepared the subgrade and placed aggregate base course at the entrance to Building 123.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 06/10/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/10/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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**			Collected delivery tags from AB trucks
Calibration					

QC Manager: Spencer Slominski	Date: 06/10/13

Photo 1: Asphalt Cover Installation – Grading the drainage swale located east of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 10, 2013

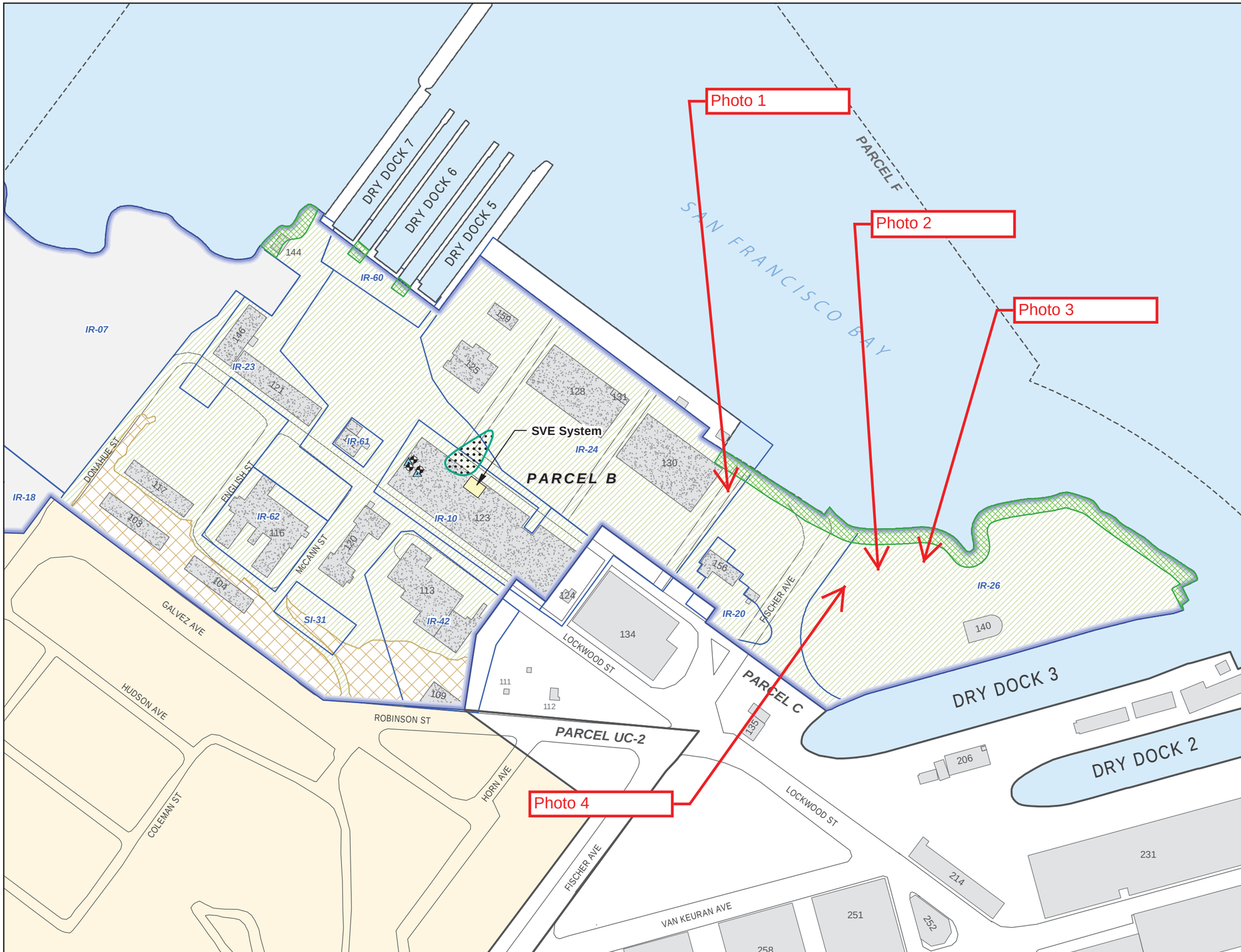
Photo 2: Asphalt Cover Installation – Delivery of aggregate base material imported by truck

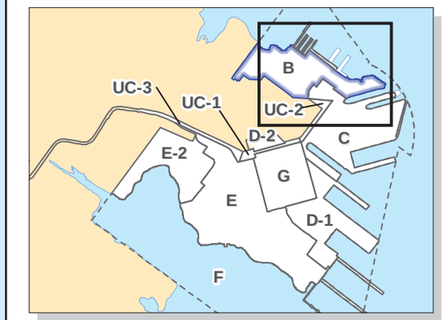
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 10, 2013

Photo 3: Asphalt Cover Installation – Fine grading of the aggregate base course
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 10, 2013

Photo 4: Asphalt Cover Installation – Compaction of the aggregate base course
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 10, 2013





Component of Remedy

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

Other Features

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

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

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

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

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

FIGURE 3

DESIGN OVERVIEW

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

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	11/06/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	145		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	64	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue to irrigate all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	4 trucks looping with AB today, place and grade AB between building 156 and	ERRG	1	H&S Officer	8
	128.	ERRG	2	QC Staff	20
		ERRG	6	Equipment Operators	44
02	Finish off revetment section where the monitoring well was abandoned.	ERRG	7	Laborers	40
		ERRG	2	Truck Drivers	12
05	Continue site grading and vegetation removal in our laydown area, along the	Harris Blade	1	Motor Grader Sub	8
	sub pens and around building 121.				

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: 19,748
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

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

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		69 loads of AB (1656.01 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS
05	Weekly QC Meeting with Navy and ERRG QC, H&S, and Supervisory staff.

James Nores 06/11/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	11/06/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	145 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	55

WORK PERFORMED TODAY

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

JOB SAFETY

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

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

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

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

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

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

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores 06/11/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

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

DATE 6/11/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, IMPORT [redacted] BASE MATERIAL, PLACE & COMPACT BASE

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, STAF

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
Jim Aguiar	ERRG	[signature]
Josh [illegible]	ERRG	[signature]
David English	Harris	[signature]
Jeremy Aguiar	ERRG	[signature]
B. Lazaro	ERRG	[signature]
F. Loza	ERRG	[signature]
M. Rivera	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
Brian Kerr	ERRG	[signature]
P Rodriguez	ERRG	P Rodriguez
King Bailey	ERRG	[signature]
Spencer Johnson	[illegible]	[signature]
Mike Betsy	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
DALJIT SINGH	D.S.	[signature]
A.S. TRUCKING	AN	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
[illegible]	DP Trucking	[illegible]

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

SIGNATURE: _____ SIGNATURE: _____

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

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

AHA #: 11 SITE GRADING
12 BASE MAT'L

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	6/11/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	6/11/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	6/11/13 0700
Employee(s):	JOSH PELL	[signature]	6/11/13 0700
	Jim Aguiar	[signature]	6-11-13 0700
	JEREMY AGUIAR	[signature]	6-11-13 0700
	David English	[signature]	6-11-13 0700
	B. Lynasca	[signature]	6-11-13 0700
	M. Rivera	[signature]	6-11-13 0700
	F. LOZA	[signature]	6-11-13 0700
	Adolfo Madrigal	Adolfo M.	6-11-13 0700
	ENRIQUE MARTINEZ	[signature]	6-11-13 0700
	Rodrigo Pulido	Rodrigo	6-11-13 0700
	Brian Kerr	[signature]	6-11-13 0700
	P Rodriguez	[signature]	6-11-13 0700
	King Bailey	[signature]	6-11-13 0700
	Spencer Johnson	[signature]	6/11/13 0700
	Mike Babst	[signature]	6/11/13 0700

DAILY FIELD ACTIVITY LOG

[illegible]	Richard Epp	Client:	Navy
Day	TUESDAY	Date:	6/11/13
[illegible]	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:		Page:	1 of 1
Site Visitors:	PETER STROGANOFF, DOUG DEONG, SHIRLEY NG, ANDU UHSA - USN		

Description of Field Activities:

SITE GRADING & VEGITATION CLEANUP @ LAYDOWN AREA, SUB PEN AREA, SWALES WEST OF BLDG 156, AREA NORTH OF 115/116.

COMPLETED REVETMENT IN AREA OF DECOMMISSIONED WELLS

IMPORTED BASE MATERIAL WITH 4 BOTTOM DUMP TRUCKS

PLACED + COMPACTED BASE NORTH OF BLDG 123.

LOADING OUT METAL + DEBRIS INTO BINS.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, BULLDOZER, ROLLER END LOADER, SKIP LOADER, BACKHOE, 2 MOTOR GRADERS, 2 WATER TRUCKS, 2 KUBOTAS

Signed: [signature] Date: 6/11/13

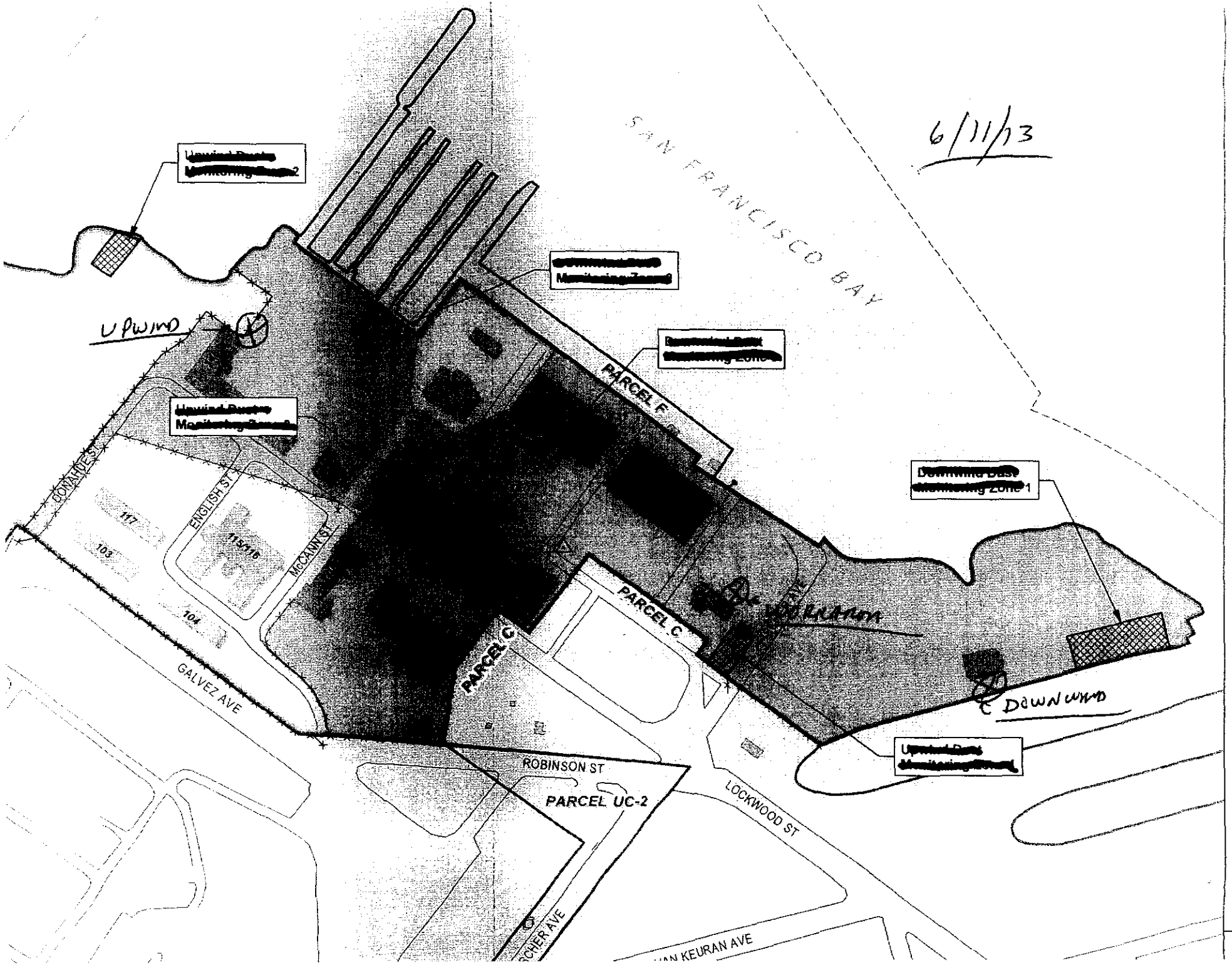
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):	6/3/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND - LM DOWN FACE METER # 1161	6/11/13	0811	0.019	0.032	EARLY FOG
		0857	0.020	0.044	
		1002	0.015	0.029	
		1059	0.029	0.024	
		1231	0.017	0.023	
		1424	0.035	0.025	
WORK AREA - SAFETY TABLE @ BLDG 116 #1008	6/11/13	0814	0.076	0.077	
		0901	0.064	0.064	
		1004	0.063	0.063	
		1111	0.065	0.067	
		1239	0.068	0.070	
		1436	0.076	0.073	
DOWNWIND - DD#3 PUMP HOUSE (E) MOTOR# 4009	6/11/13	0817	0.028	0.037	
		0903	0.000	0.005	
		1006	0.010	0.008	
		1115	0.010	0.009	
		1241	0.040	0.024	
		1350	0.037	0.026	


6/11/13
SAN FRANCISCO BAY
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
117
103
115/116
104
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
SCHER AVE
VAN KEURAN AVE
Hunt

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 11/06/13

REPORT NO 145

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	Completed installation of the revetment in the area around decommissioned monitoring well IR46MW41A, located approximately at station 11+20.
04	Continued irrigating all completed areas of the soil cover.
05	Continued removing vegetation and debris from the northeast side of Building 121 and adjacent to Dry Docks 5/6/7. Continued rough grading
	of the area between Building 121 and Dry Docks 5/6/7.
	Imported and placed aggregate base material over the subgrade between Building 156 and Building 128; performed fine grading
	and compaction of the aggregate base course.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

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

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

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

Schedule Activity No.	Description

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

Spencer Slominski — 06/11/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

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

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/11/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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**			Collected delivery tags from AB trucks
Calibration					

QC Manager: Spencer Slominski	Date: 06/11/13

Photo 1: Shoreline Excavation and Revetment – Section of revetment completed after decommissioning of monitoring well IR46MW41A, located approximately at station 11+20

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 11, 2013

Photo 2: Asphalt Cover Installation – Rough grading of the area between Building 121 and Dry Dock 7

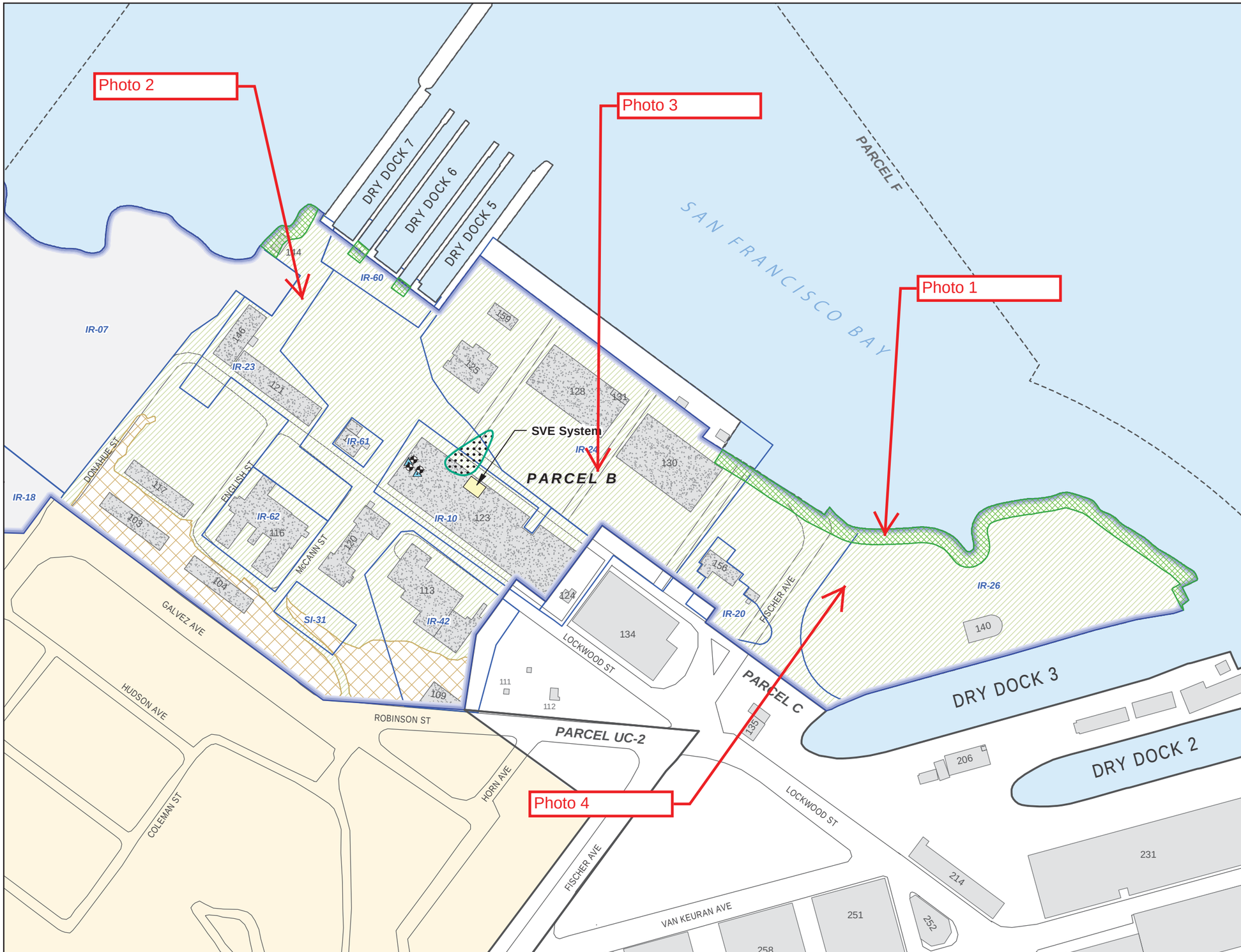
HPNS Parcel B Remedial Action, San Francisco, California

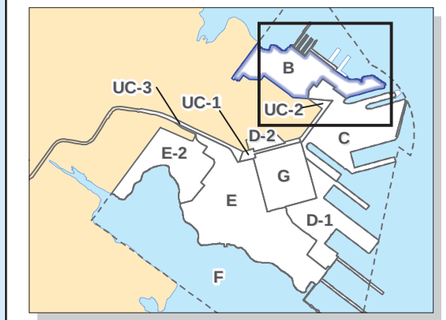
Photographed by: Richard Epp (ERRG, Inc.) Date: June 11, 2013

Photo 3: Asphalt Cover Installation – Aggregate base course installed over the area between Building 156 and Building 128

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 11, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	12/06/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	146		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	66	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	3
04	Continue to irrigate all hydro seeded slopes. Add some sprinkler heads to	ERRG	1	Project Manager	0
	improve coverage.	ERRG	1	QC Manager	10
05	4 trucks looping with AB today, place and continue grade AB between building	ERRG	1	H&S Officer	8
	156 and 128.	ERRG	2	QC Staff	20
		ERRG	5	Equipment Operators	36
05	Continue clearing and sub grade work at buildings 146, 120, and 121.	ERRG	7	Laborers	39
		ERRG	1	Truck Drivers	5
05	Perform compaction testing on finished AB sections at the point and between	Harris Blade	1	Motor Grader Sub	8
	DD#3 and building 156.				

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	139
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	19,748
TOTAL WORK HOURS FROM START OF CONSTRUCTION	19,887

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		76 loads of AB (1839.31 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS
03	Performed some pre-final inspections with Navy ROICC and CSO personnel along with ERRG QC Manager.

James Nores 06/12/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	12/06/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	146 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	66
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores 06/12/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 6/12/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, CLEAR VEGITATION, IMPORT BASE, COMPACT SPREAD

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCK TRAFFIC, EQUIPMENT, HEAT, HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
[illegible]	ERRG	[signature]
B. [illegible]	ERRG	[signature]
Brian Kerr	ERRG	[signature]
Josh Pea	ERRG	[signature]
Jeremy Aguiar	ERRG	[signature]
[illegible] Rodriguez	ERRG	[signature]
M. Tiscosa	ERRG	[signature]
Jim Aguiar	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
David English	Harris	[signature]
Enrique Martinez	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
E. Loza	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]
[illegible]	[illegible]	[signature]
Spencer Glominal	ERRG	[signature]
Ranjit [illegible]	[illegible]	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Michael Sumpter	E-Butler	Michael Sumpter
Melvin Horne	E Butler Trackin	[illegible]
RAJ Windsor Sitch	RAJ Trk	[illegible]
JOHN SOURIAL	ERRG	[illegible]
TY APPL	ERRG	

SSHO: [redacted] R. EPP SUPERINTENDENT: James Nores

SIGNATURE: SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 11 Site Grading #12 Base cover

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		6/12/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		6/12/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Slomnski		6/12/13 0700
Employee(s):	B. Lunasco		6-12-13 0700
	Berr		6-12-13 0700
	Jeremy Aguilar		6-12-13 0700
	A Rodriguez		6-12-13 0700
	Josh Pell		6/12/13 0700
	M. Rivera		6/12/13 0700
	Jim Agurias		6-12-13 0700
	Adolfo Madrigal		6-12-13 0700
	Enrique Martinez		6.12.13 0700
	David Inglish		6-12-13 0700
	F. Loza		6-12-13 0700
	Rodrigo Rulio		6-12-13 07:00
	Spencer Johnson		6/12/13 0700
	Mike Babcock		6/12/13 0700
	[illegible]		6-12-13 0700

DAILY FIELD ACTIVITY LOG

[illegible]	Richard Epp	Client:	Navy
Day	WEDNESDAY	Date:	6/12/13
[illegible]	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather	CLEAR	Page:	1 of 1
Site Visitors:	USN - PETER STARGANOFF, DOUG DE LONG, ANDY WHEED		

Description of Field Activities:

SITE GRADING AROUND NORTH AND WEST SIDES OF BLDG. 116, CLEAR VEGITATION AT BLDG'S 146, 120 & 121, CLEARING RUBBLE AROUND BLDG 120.

IMPORTING BASE MATERIAL WITH 4 TANDEM BOTTOM DUMP TRUCKS.

PLACING & COMPACTING BASE MATERIAL ALONG REVETMENT BETWEEN DD#3 PUMPHOUSE INLET AND WEST EALY. PLACING & COMPACTING NORTH OF BLDG. 123

ADDED SPRINKERS TO IMPROVE COVERAGE ON HYDROSEEDED SLOPE SOUTH OF BLDG. 113.

EQUIPMENT: EXCAVATOR, OFF-ROAD DUMP TRUCK, 2 MOTOR GRADERS, ROLLER, BULLDOZER, BACKHOE, SHOPLOADER, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 6/12/13

ERRG

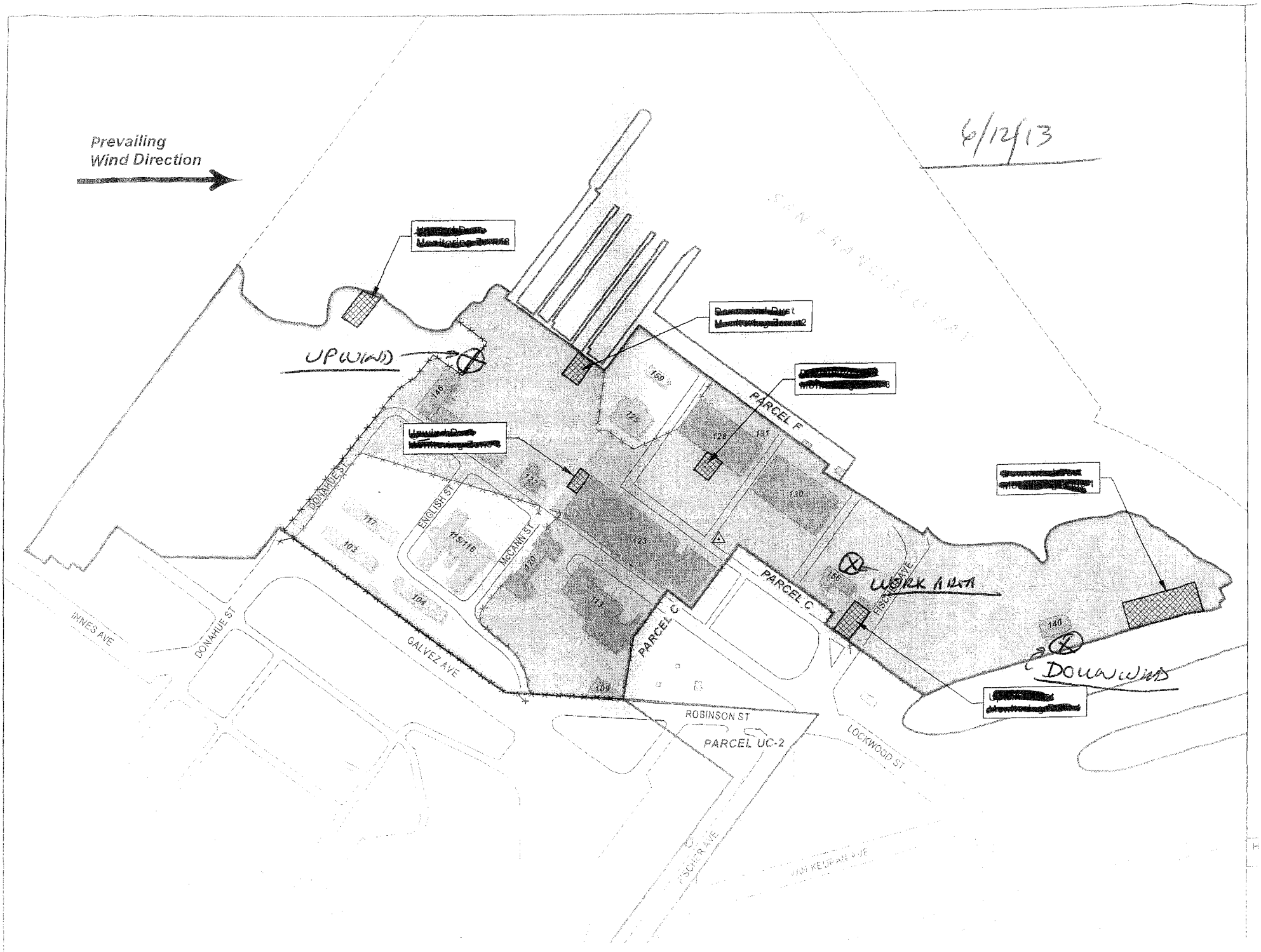
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 6/7/13

Client: US Navy
Project No.: 2012-037
Page: ____ of ____
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND - LAYDOWN FORCE MOTOR # 1161	6/12/13	0758	0.033	0.036	
		0939	0.025	0.036	
		1027	0.029	0.035	
		1116	0.035	0.035	
		1242	0.034	0.035	
		1353	0.035	0.035	
		1457	0.025	0.036	
WORK AREA - SAFETY TABLE @ BLDG 156 - # 1008	6/12/13	0748	0.064	0.074	
		0856	0.062	0.066	
		1030	0.063	0.066	
		1119	0.067	0.068	
		1245	0.092	0.071	
		1356	0.075	0.074	
		1454	0.078	0.077	
DOWNWIND - DD # 3 PUMPHOUSE - # 10973	6/12/13	0715	0.026	0.022	
		0935	0.028	0.020	
		1000	0.015	0.014	DEACTIVATED



Prevailing
Wind Direction
6/12/13
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
113
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 12/06/13

REPORT NO 146

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Added additional sprinkler heads to the irrigation system to improve coverage. Continued irrigating all completed areas of the soil cover.
03	Performed pre-final inspections of the foundation repairs for Building 113, Building 120, Building 121, Building 146, Building 156, and Building
	159. Pre-final inspections attended by Navy ROICC, Navy CSO, and ERRG QCM.
05	Continued rough grading of the area between Building 121 and Dry Docks 5/6/7 to prepare the pavement subgrade.
	Imported and placed aggregate base material over the subgrade between Building 156 and Building 128. Performed fine grading of the
	aggregate base course using a motor grader equipped with a GPS-guided bladed leveling system; compacted the aggregate base course
	using a smooth-drum roller.
	Performed compaction testing on the completed areas of aggregate base course (northeast of Building 140, and between Dry Dock 3 and Building
	156). Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Spencer Slominski — 06/12/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 146
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 146 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 146 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6/12/13

ROICC Representative: _____ Date: 12 JUNE 2013

ERRG QC Manager: _____ Date: 6/12/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 121
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 121 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 121 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6-12-13

ROICC Representative: _____ Date: 12 JUNE 2013

ERRG QC Manager: _____ Date: 6/12/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 159
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 159 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 159 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6-12-13

ROICC Representative: _____ Date: 12 JUNE 2013

ERRG QC Manager: _____ Date: 6/12/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 113
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 113 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 113 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6/12/13

ROICC Representative: _____ Date: 12 JUNE 2013

ERRG QC Manager: _____ Date: 6/12/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 120
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 120 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 120 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6-12-13

ROICC Representative: _____ Date: 12 JUN 2013

ERRG QC Manager: _____ Date: 6/12/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 156
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 156 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 156 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6/12/13

ROICC Representative: _____ Date: 12 JUNE 2013

ERRG QC Manager: _____ Date: 6/12/13

cc: ERRG Project File

Asphalt Cover Installation

Date: 06/12/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**	**X**			Performed nuclear gauge density/moisture testing of the AB installed NE of Bldg 140 and between DryDock 3 and Bldg 156

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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**			Collected delivery tags from AB trucks
Calibration					

QC Manager: Spencer Slominski	Date: 06/12/13

Photo 1: Asphalt Cover Installation – Swale cut and pavement subgrade north of Building 128

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 12, 2013

Photo 2: Asphalt Cover Installation – Rough grading for the pavement subgrade on the northeast side of Building 116

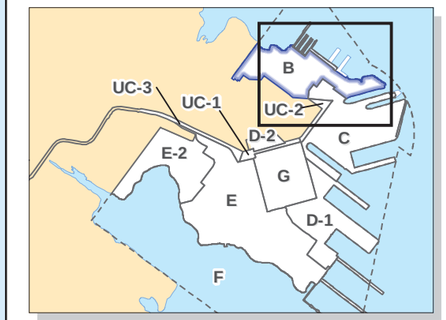
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 12, 2013

Photo 3: Asphalt Cover Installation – Compacting the aggregate base course placed over the area between Building 156 and Building 128

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 12, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/06/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	147		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	69	MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	3
04	Continue to irrigate all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	4 trucks looping with AB today, place and continue grade AB between building	ERRG	1	H&S Officer	8
	123 and 128.	ERRG	2	QC Staff	20
		ERRG	4	Equipment Operators	22
05	Continue clearing and sub grade work at buildings 146, 120, and 121	ERRG	7	Laborers	50
		ERRG	1	Truck Drivers	8
		Harris Blade	1	Motor Grader Sub	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	139
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	19,887
TOTAL WORK HOURS FROM START OF CONSTRUCTION	20,026

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		74 loads Class II AB (1790.85 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	United	66" Sheepsfoot Compactor	8
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 735 Haul Truck	4

Schedule Activity No.	REMARKS
05	Tetra Tech closed the road at Fisher and Robinson- talked to their foreman and had them move their temp fence so we could access the temp driveway we created for UC1 and
	UC2 for truck traffic into Parcel C.

James Nores 06/13/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	13/06/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	147 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	69
MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	Harris Blade	Cat 615 paddle wheel scraper	0
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3
05	United Rentals	84" Smooth Drum Roller	8

Schedule Activity No.	REMARKS

James Nores 06/13/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 13/06/13

REPORT NO 147

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Continued clearing debris and rough grading of the areas around Building 120, Building 121, and Building 146 to prepare the pavement subgrade.
05	Imported and placed aggregate base material over the subgrade between Building 123 and Buildings 128 and 130. Performed fine grading of
	the aggregate base course using a motor grader equipped with a GPS-guided bladed leveling system; compacted the aggregate base course
	using a smooth-drum roller.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Spencer Slominski — 06/13/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/13/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing of the AB performed on 6/12/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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**			Collected delivery tags from AB trucks
Calibration					

QC Manager: Spencer Slominski	Date: 06/13/13

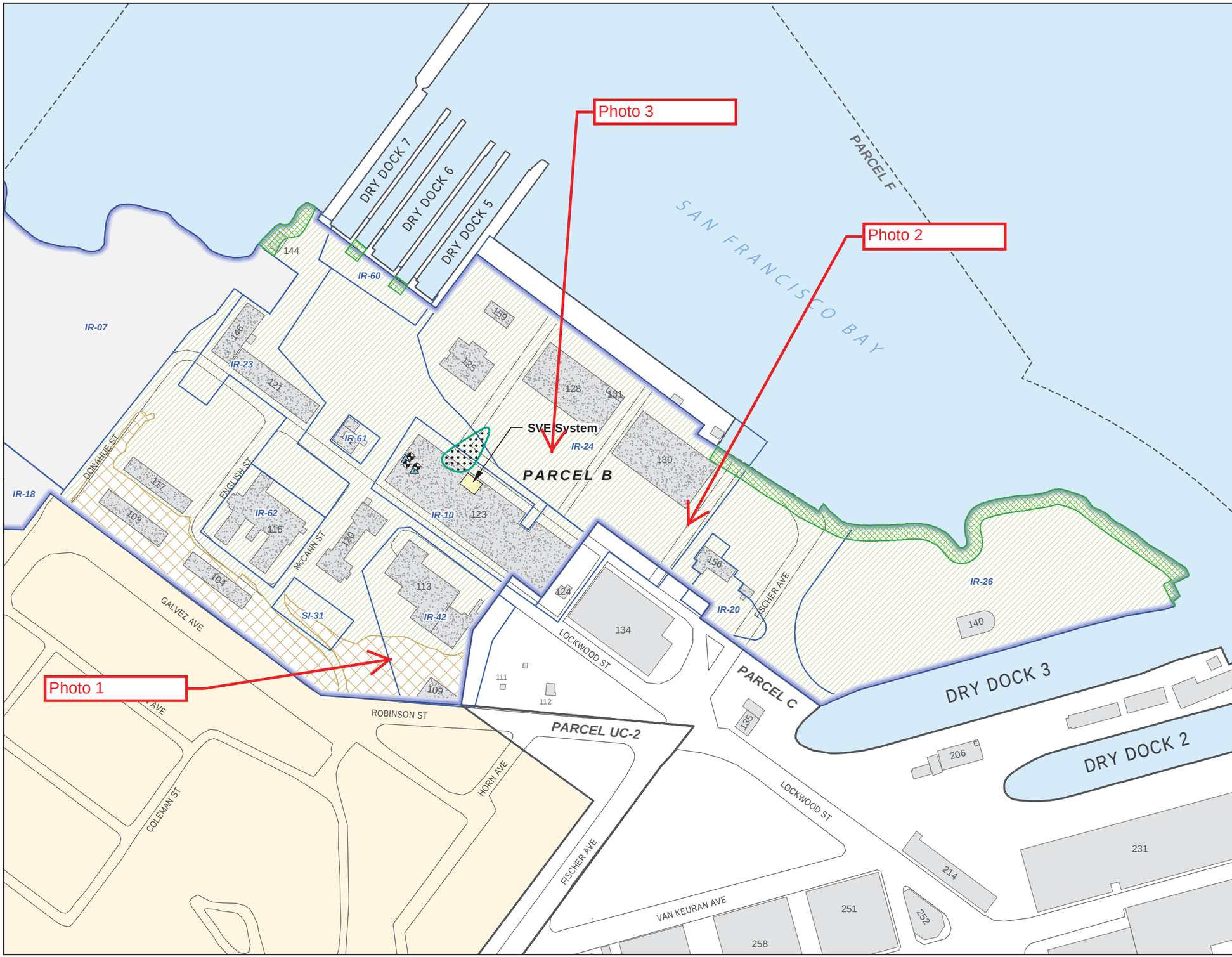
Photo 1: Soil Cover Installation – Irrigating the seeded areas on the soil cover
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: June 13, 2013

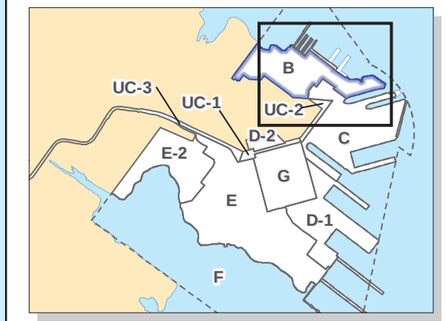
Photo 2: Asphalt Cover Installation – Grading the 4-inch thick aggregate base course near Building 130
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: June 13, 2013

Photo 3: Asphalt Cover Installation – Compacting the aggregate base course placed over the area between Building 123 and Building 128

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 13, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/14/13	REPORT NO: 148
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 69	MIN TEMP (F): 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	3
04	Continue to irrigate all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Crew working on grading/compacting AB in the swale between B/C boundary	ERRG	1	H&S Officer	8
	at building 130 to the revetment out fall. Grading out swale behind building	ERRG	2	QC Staff	20
	128.	ERRG	4	Equipment Operators	25
		ERRG	7	Laborers	50
05	Continue sub base grading compacting in the laydown area behind 123 and	ERRG	1	Truck Drivers	11
	hand work around buildings 128 and 130.	Harris Blade	1	Motor Grader Sub	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	145
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	20,026
TOTAL WORK HOURS FROM START OF CONSTRUCTION	20,171

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		JD 210 Skip loader
05		Cat 84" 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	United	JD 210 Skip Loader	8
05	ERRG	JD 225 Excavator	8
05	Harris Blade	Cat 84" Smooth drum Roller	4

Schedule Activity No.	REMARKS

James Nores 06/14/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/14/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	148 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	69
MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	4
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	3

Schedule Activity No.	REMARKS

James Nores 06/14/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 6/14/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK site grading, place & compact base, hand work around buildings.

SAFETY TOPICS PRESENTED

SAFETY TOPICS eye contact w/ operators, traffic, hydration

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
B. Linasco	ERRG	B. Linasco
Brian Kerr	ERRG	[illegible]
Paul Rodriguez	ERRG	[illegible]
Josh Pell	ERRG	[illegible]
Jim Aguirre	ERRG	[illegible]
David English	Harris	[illegible]
Rodrigo Pulido	ERRG	Rodrigo
Adolfo M.	ERRG	Adolfo M.
F. Loza	ERRG	[illegible]
M. Rivera	ERRG	[illegible]
Enrique Martinez	ERRG	[illegible]
Jeremy Aguiar	ERRG	[illegible]
Mike Bedoya	ERRG	[illegible]
Spencer Johnson	ERRG	[illegible]
Grant Grouny	ERRG	[illegible]
Lilla Bailey	ERRG	[illegible]
Ty Arm	ERRG	[illegible]

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 #: #11 Site grading # Base install

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	JAMES Nores	6/14/13 @0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	6/14/3 @0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	6/14/13 0700
Employee(s):	B. Lunasco	B. Lunasco	6-14-13 0700
	B Kerr	[signature]	6-14-13 0700
	R Rodriguez	[signature]	6-14-13 0700
	David Jinglish	[signature]	6-14- 0700
	Jim Aguiar	[signature]	6-14-13 0700
	JOSH PEZ	[signature]	6/14/13 0700
	Rodrigo pulido	Rodrigo	6-14-13 07:00
	Adolfo Madrigal	Adolfo M.	6-14-13 0700
	F. LOZA	[signature]	6-14-13 0700
	M. Rivera	[signature]	6-14-13 0700
	ENRIQUE MARTINEZ	[signature]	6-14-13 0700
	JEREMY AGUIAR	[signature]	6-14-13 0700
	Mike Babst	[signature]	6-14-13 0700
	Spencer Johnson	[signature]	6/14/13 0700
	King Barley	[signature]	6-14-13 0700

DAILY FIELD ACTIVITY LOG

Inspector:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	6/14/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	NAVY		

Description of Field Activities:

SITE GRADING AT BLDG 116, LAYDOWN AREA & BEHIND BLDG 123. HAND WORK AROUND BLDGS 130, 125 + 116.

PLACING & COMPACTING BASE MATERIAL AS NEEDED IN SWALES & ROUGH GRADING ~~WEST~~ EAST OF BLDG 125.

IRRIGATION OF HYDROSEEDED AREAS.

EQUIPMENT - EXCAVATOR, 2 MOTOR GRADERS, BULLDOZER, 2 SKID LOADERS, BREAKER, 2 WATER TRUCKS, ROLLER, 2 FELLERS

Signed: [signature] Date: 6/14/13

ERRG

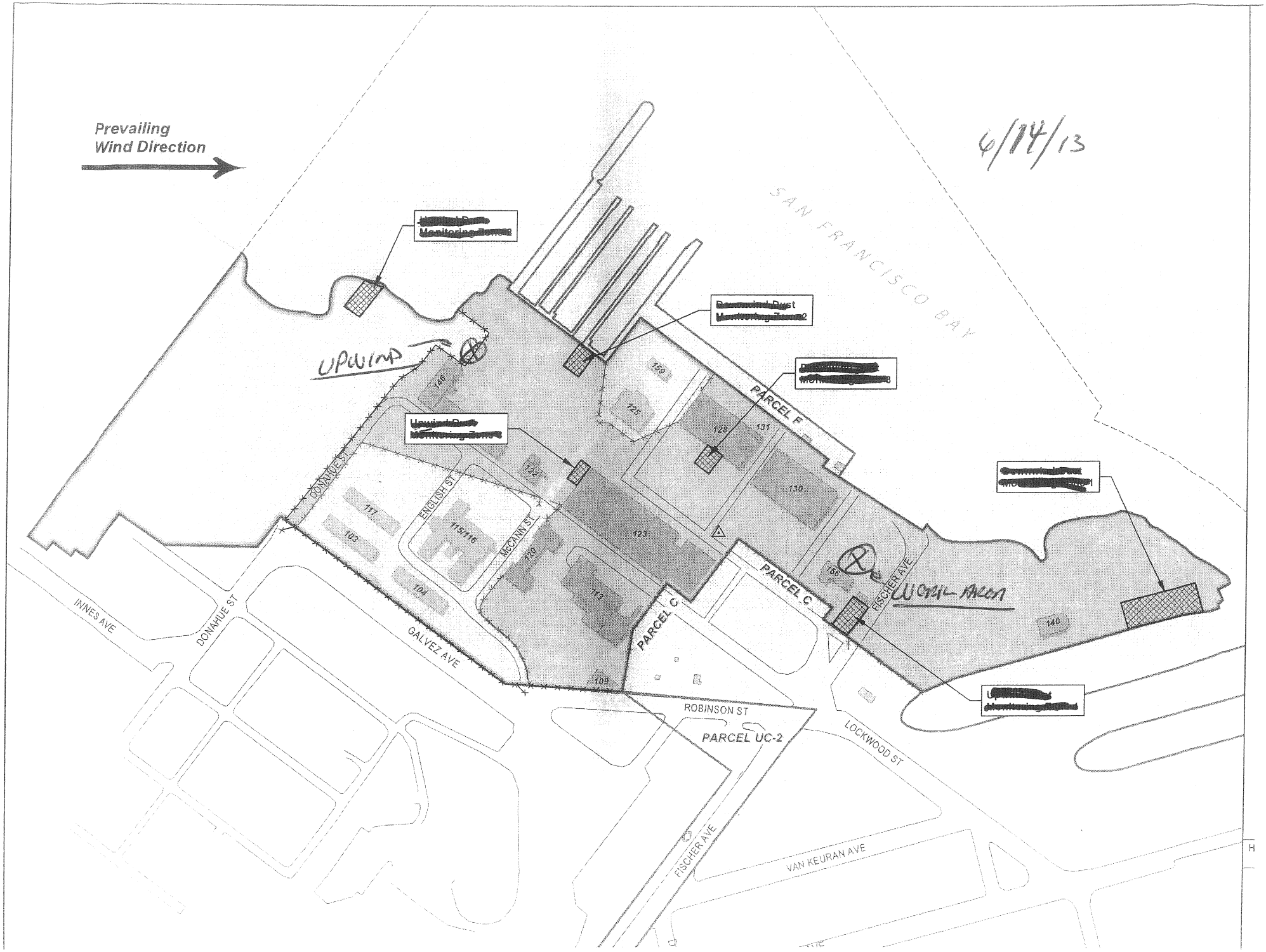
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

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 / LAYDOWN FENCE / # 1161	6/14/13	0727	0.030	0.048	
		0830	0.035	0.033	
		0948	0.034	0.034	
		1045	0.030	0.032	
		1150	0.027	0.030	
		1312	0.031	0.030	
		1415	0.036	0.031	
		1575	0.036	0.033	
WORK AREA / SAFETY TABLE @ BLDG 101 / # 1808	6/14/13	0715	0.028	0.041	
		0824	0.003	0.020	
		0943	0.002	0.011	
		1040	0.004	0.006	
		1146	0.035	0.007	
		1315	0.028	0.017	
		1410	0.030	0.022	


Prevailing
Wind Direction
6/14/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
FISCHER AVE
INNES AVE
DONAHUE ST
GALVEZ AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
VAN KEURAN AVE
146
159
125
128
131
130
122
117
103
115/116
104
120
123
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/14/13

REPORT NO 148

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Performed rough grading of the pavement subgrade northeast of Building 121, on the southwest side of Building 123, and on the northwest side
	of Building 116 using a motor grader equipped with a GPS-guided blade leveling system. Compacted the subgrade northeast of Building 121.
	Performed rough grading for the swale northeast of Building 128.
05	Performed fine grading of aggregate base course in the swale between the Parcel B/C boundary and the outfall at the revetment. Compacted
	the aggregate base course in the swale and on the northeast side of Building 156. Started grading aggregate base course in the swale northeast
	of Building 130. Placed aggregate course by hand around the perimeter of Building 128 and Building 130.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Spencer Slominski — 06/14/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/14/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing of the AB performed on 6/12/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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: 06/14/13

Photo 1: Asphalt Cover Installation – Fine grading the aggregate base course in the swale between the Parcel B/C boundary and the revetment

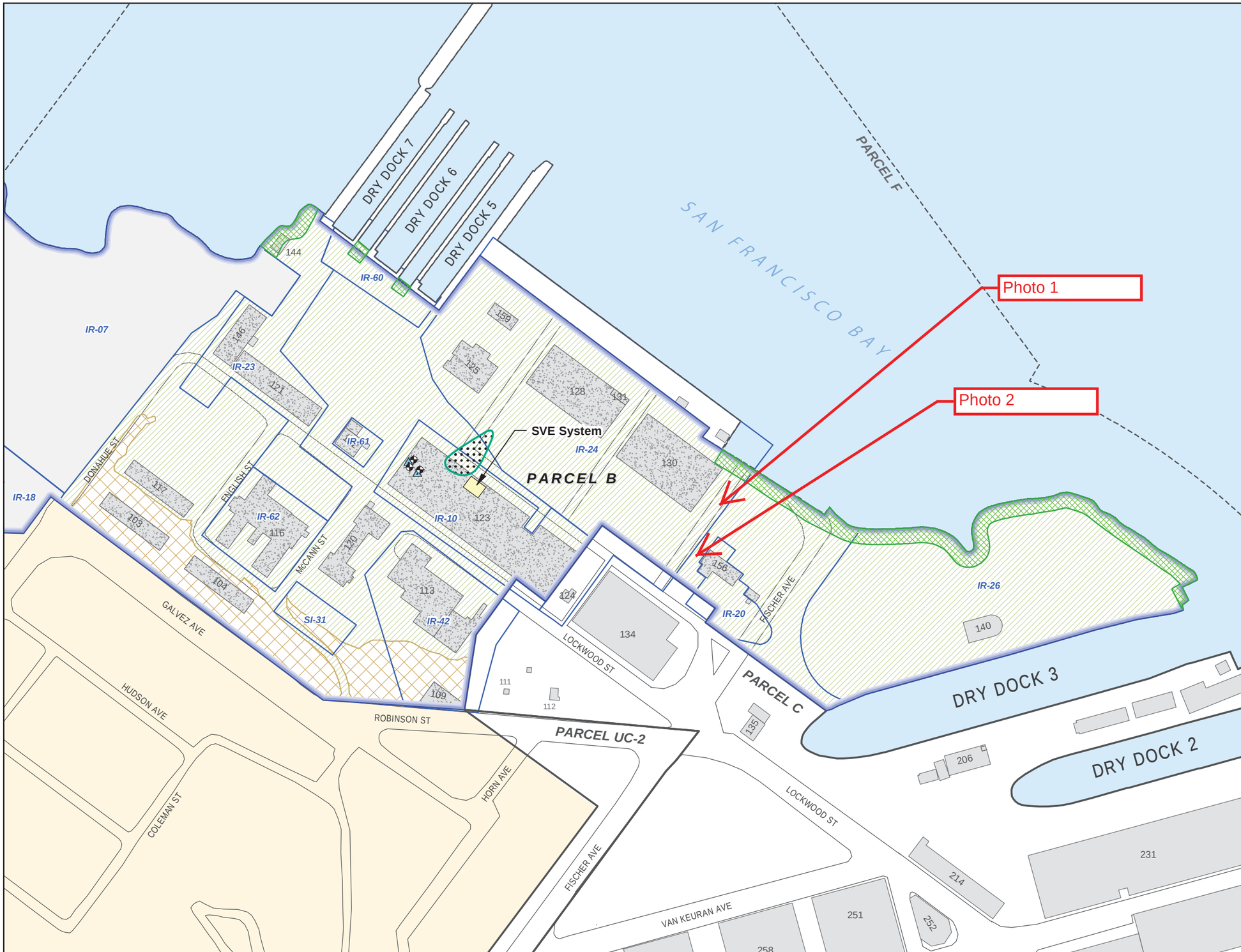
HPNS Parcel B Remedial Action, San Francisco, California

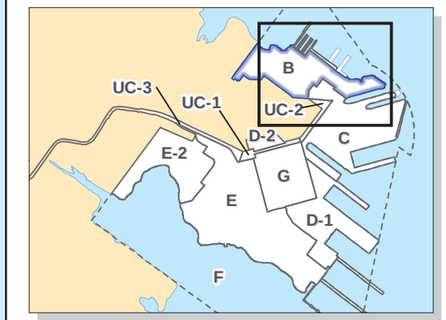
Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 14, 2013

Photo 2: Asphalt Cover Installation – Compacting the aggregate base course installed on the west side of Building 156

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 14, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/17/13	REPORT NO: 149
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 63	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue to irrigate all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Continue site grading AB east of building 123 to swale.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	10
05	Continue hand work and tree removal behind building 123 and 120.	ERRG	5	Equipment Operators	26
		ERRG	7	Laborers	38
		ERRG	2	Truck Drivers	14
		Harris Blade	1	Motor Grader Sub	8

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 124
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 20,171
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 20,295

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	ERRG	JD 225 Excavator	0
05	Harris Blade	Cat 84" Smooth drum Roller	4

Schedule Activity No.	REMARKS

James Nores — 06/17/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/17/13
		REPORT NO: 149 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Foggy/Cool	Windy/Warm	63	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	4
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	0
05	Harris Blade	Top Gun Street Sweeper	0

Schedule Activity No.	REMARKS

James Nores — 06/17/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS CONTRACT # N62473-09-D-2608

DATE 6/17/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, PLACE & COMPACT BASE, HAND WORK AROUND BLDGS.

SAFETY TOPICS PRESENTED

SAFETY TOPICS EYE CONTACT W/ OPERATORS, TRAFFIC, HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ Yes _____ No

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Josh Pell	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Jeremy Aguilar	ERRG	[signature]
Brian Kerr	ERRG	[signature]
[illegible]	ERRG	[signature]
David English	Harris	[signature]
Rodrigo Pulido	ERRG	Rodrigo
[illegible] Martinez	ERRG	[signature]
[illegible]	ERRG	[signature]
F. Loza	ERRG	[signature]
Mike Balast	ERRG	[signature]
Spencer Stewart	ERRG	[signature]

[illegible] 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 #: 12 Site Grading
#13 Base Install

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	6/17/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	6/17/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Slominski	[signature]	6/17/13 0700
Employee(s):	Josh Pell	[signature]	6/17/13 0700
	Adolfo Madrigal	Adolfo M.	6-17-13 0700
	Brian Kerr	[signature]	6-17-13 0700
	Paul Rodriguez	P Rodriguez	6-17-13 0700
	David Inglish	[signature]	6-17-13 0700
	Rodrigo Pulido	Rodrigo	6-17-13 0700
	Enrique Martinez	[signature]	6-17-13 0700
	Jim Agnian	[signature]	6-17-13 0700
	F. Loza	[signature]	6-17-13 0700
	Mike Bubst	[signature]	6-17-13 0700

ERRG

DAILY FIELD ACTIVITY LOG

	Richard Epp	Client:	Navy
	MONDAY	Date:	6/17/13
	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather	CLEAR (AM FOG)	Page:	1 of 1
	NONE		

Description of Field Activities:

SITE GRADING IN LAYDOWN AREA, HAND WORK, TREE REMOVAL ON SOUTH SIDE OF BLDG 123, HAND WORK @ BLDG 120.

PLACING + COMPACTING BASE MATERIAL FROM ~~[illegible]~~ MAIN SQUARE BETWEEN BLDGS 156 + 130, WEST TO BLDG 125 + WEST END OF BLDG 123.

EQUIPMENT – 2 MOTOR GRADERS, 2 WATER TRUCKS, SKIP LOADER, – BACKHOE, ROLLER, 2 KUBITAS

Signed: [signature] Date: 6/17/13

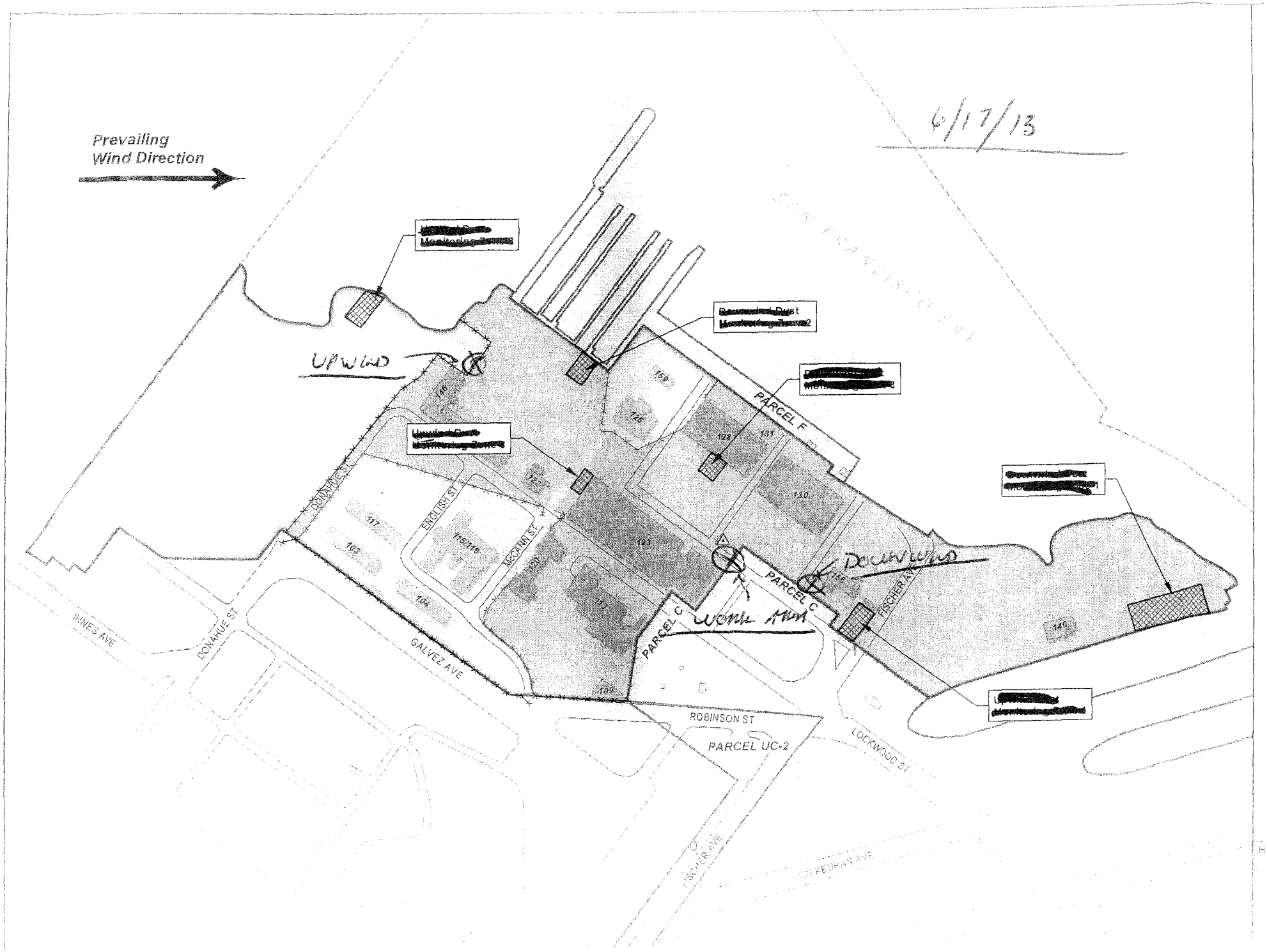
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Project Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	6/17/13 - 0830	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND/Lindsay Fence Motor # 1161	6/17/13	0900	0.000	0.000	
		0956	0.000	0.000	
		1104	0.000	0.000	
		1146	0.000	0.000	
		1300	0.000	0.000	
		1405	0.000	0.000	
		1500	0.000	0.000	
WORK AREA - Parcel B/C Fence # 1008	6/17/13	0909	0.001	0.008	
		0959	0.001	0.002	
		1108	0.001	0.000	
		1158	0.000	0.000	
		1305	0.001	0.000	
		1406	0.000	0.000	
		1503	0.000	0.000	
DOWNWIND/Fence B/C East of Swale #10973	6/17/13	0913	0.001	0.007	
		1000	0.003	0.002	
		1107	0.001	0.001	
		1157	0.003	0.000	
		1303	0.000	0.002	
		1407	0.000	0.002	
		1502	0.000	0.002	



6/17/13
Prevailing
Wind Direction
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
SAN FRANCISCO BAY
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 06/17/13

REPORT NO 149

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Removed the tree on the southwest side of Building 123. Performed hand grading to prepare the pavement subgrade on the southwest side of
	Building 123 and on the northwest side of Building 120.
05	Continued fine grading of the aggregate base course placed between Building 123 and Buildings 128 and 130 using a motor grader equipped
	with a GPS-guided blade leveling system. Compacted the aggregate base course using a smooth-drum roller.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Spencer Slominski — 06/17/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/17/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing of the AB performed on 6/12/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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: 06/17/13

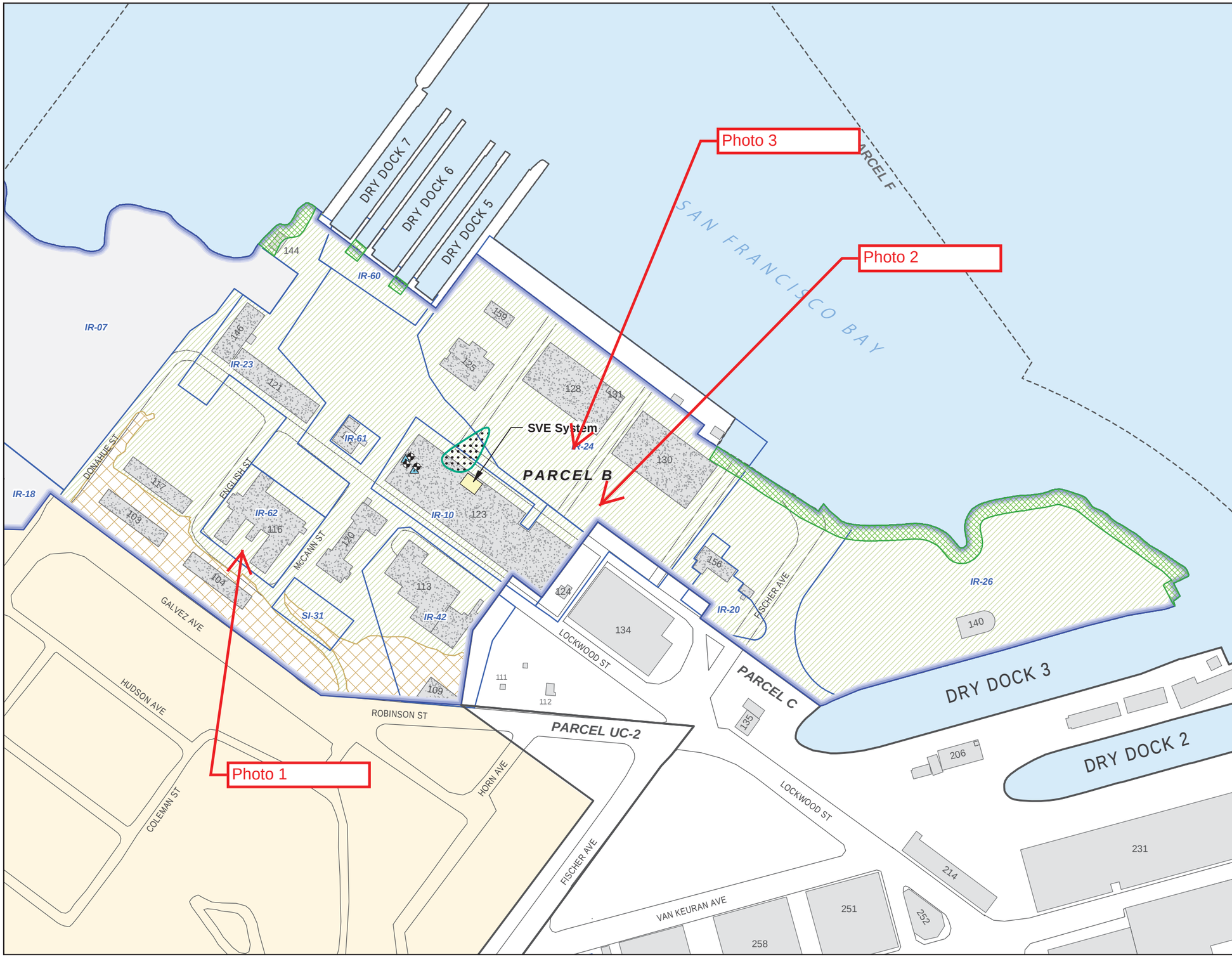
Photo 1: Soil Cover Installation – Irrigating the seeded areas of the soil cover
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: June 17, 2013

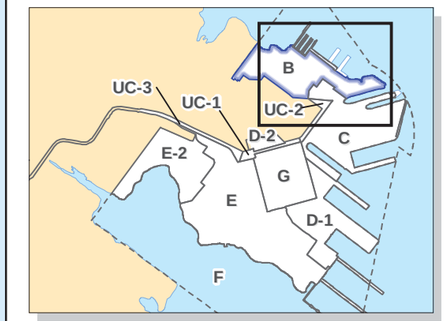
Photo 2: Asphalt Cover Installation – Fine grading of the aggregate base course between Building 123 and Building 130
HPNS Parcel B Remedial Action, San Francisco, California
Photographed by: Richard Epp (ERRG, Inc.) Date: June 17, 2013

Photo 3: Asphalt Cover Installation – Compacting the aggregate base course between Building 123 and Building 128

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 17, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/18/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	150		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	64	MIN TEMP (F)	52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue to irrigate all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	4 trucks looping with AB today, place material in the lay down area east of	ERRG	1	H&S Officer	8
	building 121. Proof roll sub base prior to AB placement.	ERRG	1	QC Staff	10
		ERRG	6	Equipment Operators	34
05	Crew continuing with hand work around building 120, the backside of building	ERRG	8	Laborers	40
	123 and around 116.	ERRG	2	Truck Drivers	14
		Harris Blade	1	Motor Grader Sub	8
05	Continue AB placement and grading east side of buildings 128/130				

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE 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	20,295
TOTAL WORK HOURS FROM START OF CONSTRUCTION	20,429

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		88 Loads (2138.20 tons 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	ERRG	JD 225 Excavator	0
05	Harris Blade	Cat 84" Smooth drum Roller	4

Schedule Activity No.	REMARKS
05	Weekly QC Meeting today with Navy ROICC and CSO personnel and ERRG QC, H&S and Supervisory Staff.

James Nores 06/18/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/18/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	150 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	4
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	0
05	Harris Blade	Top Gun Street Sweeper	0

Schedule Activity No.	REMARKS

James Nores 06/18/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 6/18/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING; INSTALL, PLACE + COMPACT BASE MAT'L

SAFETY TOPICS PRESENTED

SAFETY TOPICS DIG CONTACT, TRUCK TRAFFIC, EQUIPMENT, HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Josh Ron	ERRG	
Adolfo Madrigal	ERRG	Adolfo M.
Jeremy Reman	ERRG	
R Rodriguez	R	R Rodriguez
Jim Bynum	ERRG	
David Tinsley	Harris	
M. Rivera	ERRG	Rodrigo
Rodrigo Pulido	ERRG	Rodrigo
F. Loza	ERRG	
Gerardo Martinez	ERRG	
Brian Ivers	ERRG	
Mike Baist	ERRG	
Alex Bautista Flores	ERRG	
Demond Brooks	T. Butler & Truck	Demond Brooks
A.S. Trucking	Monroe Sson Trucking	
D.S. Trucking	AVTRS	
Spencer Thomas	Talman	
	ERRG	

SUPERVISOR Richard Ea

SIGNATURE

SUPERINTENDENT James Neves

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING
#13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		6/18/13 0700
Site Safety and Health Officer:	[redacted] R. EPP		6/18/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		6/18/13 0700
Employee(s):	Josh Rell		6/18/13 0700
	Adolfo Madrigal		6-18-13 0700
	Jeremy Aguiar		6-18-13 0700
	Rodriguez		6-18-13 0700
	David Inglish		6-18-13 0700
	Jim Nguin		6-18-13 0700
	M. Rivera		6-18-13 0700
	F. Loza		6-18-13 0700
	Enrique Martinez		6-18-13 0700
	Rodrigo Pulido		6-18-13 0700
	Brian Kerr		6-18-13 0700
	Mike Babst		6-18-13 0700
	King Bailey		6-18-13 0700

DAILY FIELD ACTIVITY LOG

Richard Epp
TUESDAY
Hunters Point Naval Shipyard, Parcel B
CLEAR/WINDY
USN - PETER STROGANOFF, DOUG DELONG, SHIRLEY NG, ANDY UHOSA

Client: Navy
Date: 6/18/13
Project No.: 2012-037
Page: 1 of 1

Description of Field Activities:

SITE GRADING, CLEANING VEGETATION, FILLING HOLES SOUTH OF BLDG 123 & 120, GRADING AREA WEST OF BLDG. 125.

IMPORTING BASE WITH 4 BOTTOM DUMP TRUCKS. PLACING + COMPACTING IN LAYDOWN AREA ADJACENT TO BLDG 121 GOING NORTH. PLACED + COMPACTED ALONG BLDG. 123, COMPACTING AREA JUST SOUTH OF BLDG. 128. SHIPPING SCALE NORTH OF BLDGS 128 + 130.

IRRIGATING HYDROSEEDED SLOPES.

EQUIPMENT: 2 MOTOR GRADERS, 2 ROLLERS, 2 WATER TRUCKS, STREET SWEEPER, 2 SKIP LOADER, BACKHOE, END LOADER, 2 KUBOTAS

Signed: [signature]

Date: 6/18/13

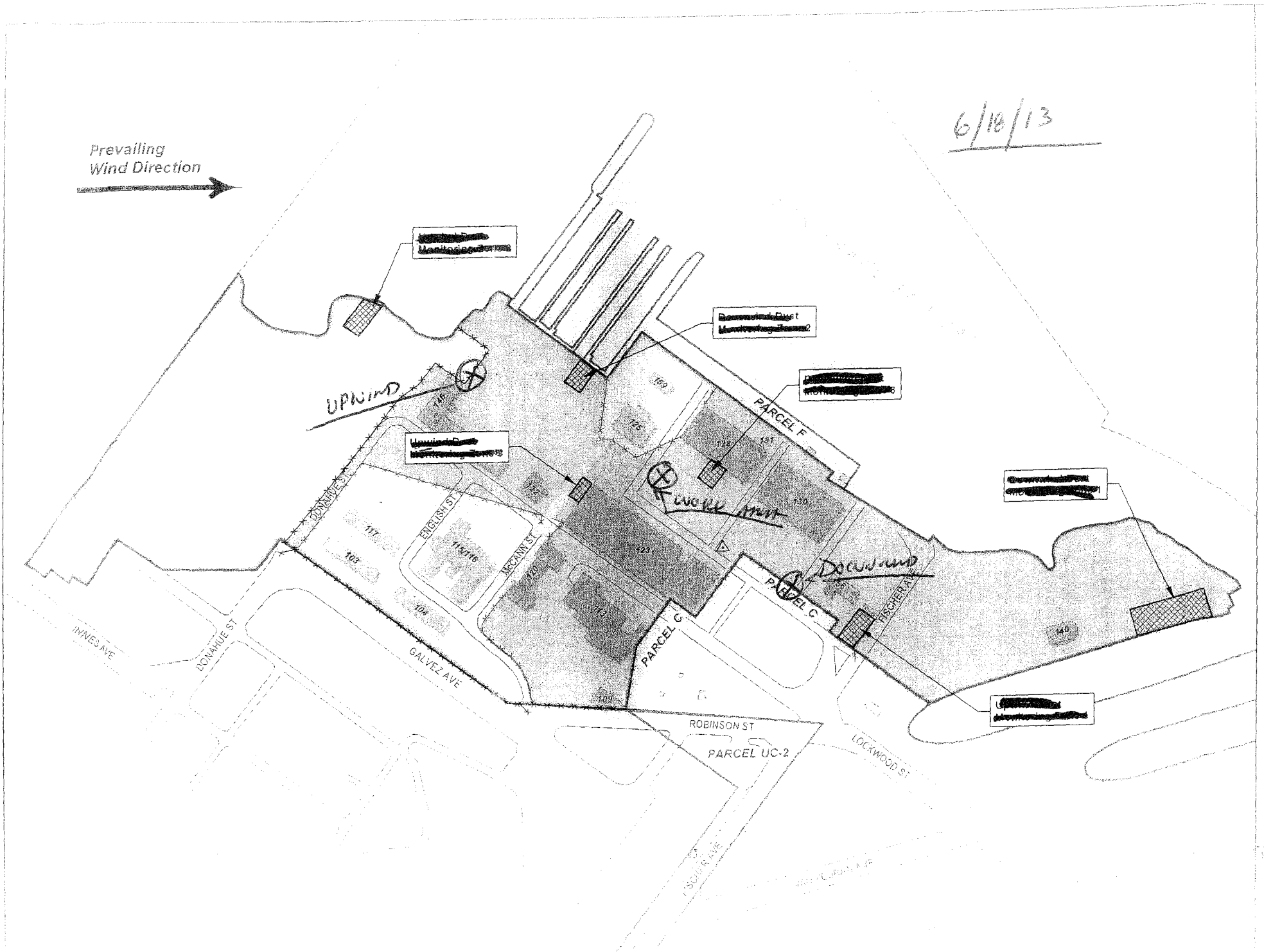
ERRG

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):	6/17/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN FORCE	6/18/13	~~0700~~ 0737	0.000	0.001	
METER # 1161		0823	0.000	0.000	
		0942	0.000	0.000	
		1050	0.000	0.000	
		1140	0.000	0.000	
		1248	0.000	0.000	
		1345	0.000	0.000	
		1450	0.000	0.000	
WORK AREA / POWER POLE	6/18/13	0735	0.005	0.003	
10 YARD / # 1008		0839	0.000	0.000	
		0943	0.020	0.000	
		1057	0.000	0.000	
		1142	0.000	0.000	
		1249	0.000	0.000	
		1347	0.000	0.000	
		1452	0.000	0.000	
DOWNWIND / DAMAGE B/C FORCE	6/18/13	0727	0.002	0.014	
@ MAIN SWALE / # 10973		0836	0.006	0.020	
		0944	0.001	0.014	
		1053	0.004	0.010	
		1144	0.002	0.009	
		1250	0.000	0.009	
		1348	0.010	0.008	
		1458	0.015	0.009	


6/18/13
Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
146
159
125
128
131
130
122
123
120
113
117
103
104
109
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/18/13

REPORT NO 150

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Continued hand grading work around the perimeter of Building 116, Building 120, and Building 123 to prepare the pavement subgrade.
	Finished compacting and proof rolling the subgrade in the area between Building 121 and the swale south of Dry Docks 5/6/7.
05	Imported and placed aggregate base material in the area between Building 121 and the swale south of Dry Docks 5/6/7, and the area between
	Buildings 128/130 and the Parcel F boundary. Performed fine grading of the aggregate base course using a motor grader equipped with a GPS-
	guided blade leveling system. Compacted the aggregate base course using a smooth-drum roller.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Spencer Slominski — 06/18/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/18/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing of the AB performed on 6/12/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 06/18/13

Photo 1: Asphalt Cover Installation – Proof rolling the subgrade in the area between Building 121 and Dry Docks 5/6/7

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 18, 2013

Photo 2: Asphalt Cover Installation – Fine grading of the aggregate base course between Building 128 and the Parcel F boundary

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 18, 2013

Photo 3: Asphalt Cover Installation – Compacting the aggregate base course near the perimeter of Building 123 using a vibratory plate compactor

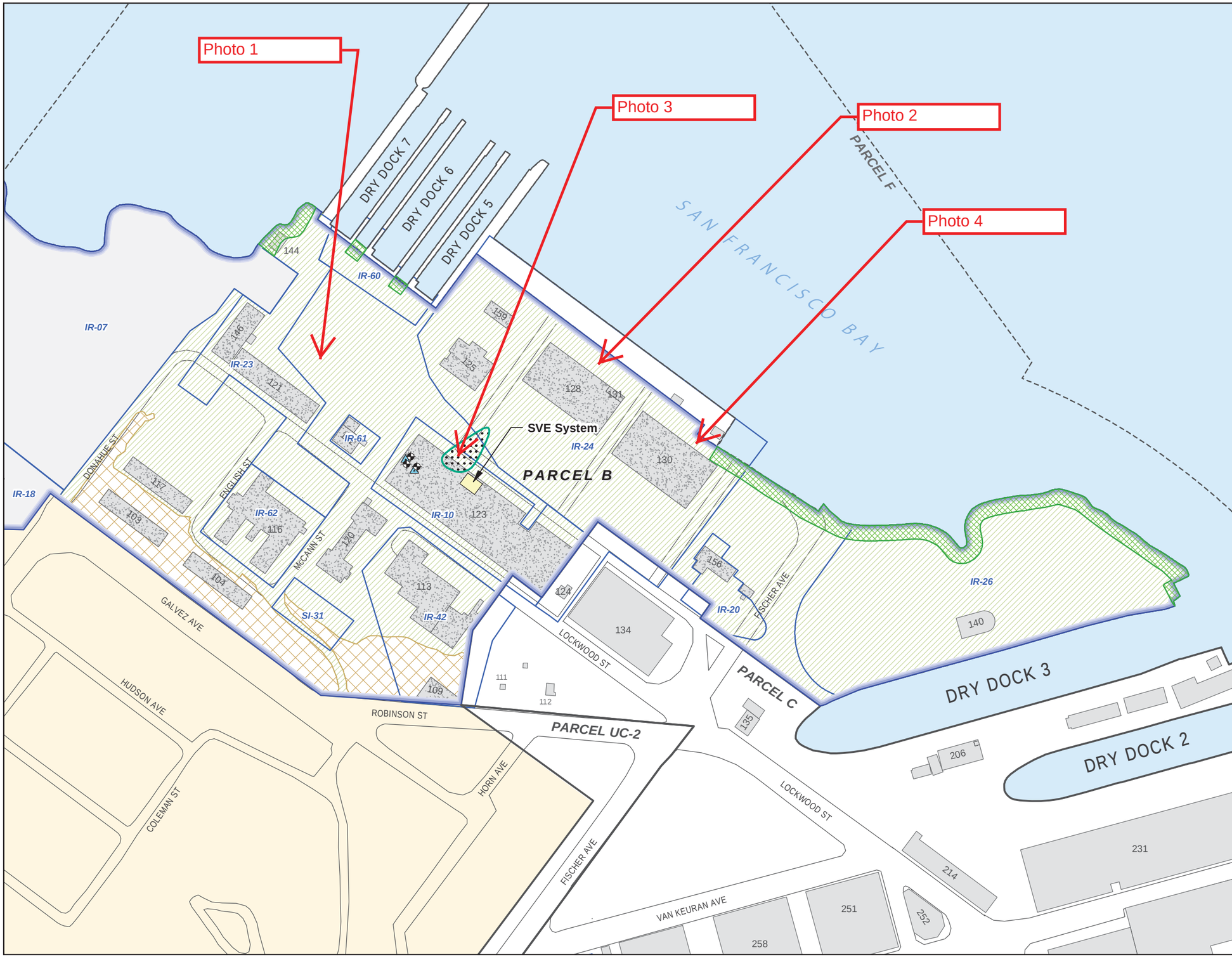
HPNS Parcel B Remedial Action, San Francisco, California

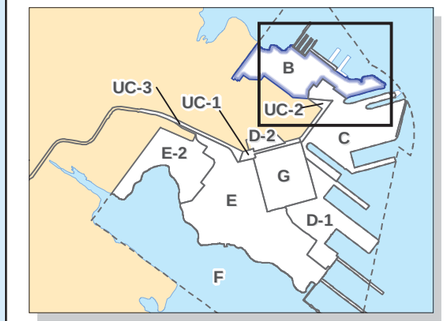
Photographed by: Richard Epp (ERRG, Inc.) Date: June 18, 2013

Photo 4: Asphalt Cover Installation – Compacting the aggregate base course between Building 130 and the Parcel F boundary using a smooth-drum roller

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 18, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/19/13	REPORT NO: 151
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 64	MIN TEMP (F): 52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue to irrigate all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	5 trucks looping with AB today, place material in the lay down area east of bldg	ERRG	1	H&S Officer	8
	121 and between building 121 and 116/117	ERRG	1	QC Staff	3
		ERRG	6	Equipment Operators	33
03	Cut and weld plates inside building 159 identified during the pre-final walk	ERRG	7	Laborers	28
		ERRG	2	Truck Drivers	9
		Harris Blade	1	Motor Grader Sub	8

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: 109
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: 20,429
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 20,538

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		84 Loads (2007.83 tons 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	ERRG	JD 225 Excavator	3
05	Harris Blade	Cat 84" Smooth drum Roller	4

Schedule Activity No.	REMARKS

James Nores — 06/19/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/19/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	151 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	4
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	0
05	Harris Blade	Top Gun Street Sweeper	0

Schedule Activity No.	REMARKS

James Nores 06/19/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS CONTRACT # N62473-09-D-2608

DATE 6/19/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, IMPORT BASE MATERIAL - PLACE & COMPACT, IRRIGATE HYDROSEED

SAFETY TOPICS PRESENTED

SAFETY TOPICS STYF, TRUCK TRAFFIC, EQUIPMENT - EYE CONTACT, HYDROSEED

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ Yes _____ No

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Jeremy Aguilar	ERRG	[signature]
David Ingish	Harris	[signature]
Jim Ayala	ERRG	[signature]
Adolfo Rodriguez	ERRG	Adolfo R.
Brian Kerr	ERRG	[signature]
Paul Rodriguez	ERRG	[signature]
M. Kurtan	ERRG	[signature]
Josh Pell	ERRG	[signature]
Tony Green	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
F. Loza	ERRG	[signature]
Mike Babel	ERRG	[signature]
Spencer Slominski	ERRG	[signature]
Mike Sumpter	E-Butler	Michael Sumpter
Demond Brook	Monroe & Son Trucking	Demond Brook
A.S. TRUCKING	Altar Gym	[signature]
HARINDER KALOTI	BARONE	[signature]
Grady Brook		

SUPERINTENDENT 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 #: 12 SITE GRADING
13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		6/19/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		6/19/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		6/19/13 0700
Employee(s):	JEREMY AGUIAR		6-19-13 0700
	David English		6-19-13 0700
	Jim Hewlar		6-19-13 0700
	Adolfo Madrigal		6-19-13 0700
	Brian Kerr		6-19-13 0700
	Raul Rodriguez		6-19-13 0700
	M. Rivera		6-19-13 0700
	Josh Pell		6/19/13 0700
	Toney Green		6-19-13 700
	ENRIQUE MARTINEZ		6-19-13 700
	F. LOZA		6-19-13 0700
	Mike Babsl		6-19-13

DAILY FIELD ACTIVITY LOG

	Richard Epp	Client:	Navy
	WEDNESDAY	Date:	6/19/13
	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

SITE GRADING AT BLDG 120, EXCAVATING SWALE @ SUB PONS & WEST OF BLDG. 146

IMPORTING BASE MATERIAL WITH 5 TANDEM BOTTOM DUMP TRUCKS.

PLACING & COMPACTING BASE IN LAYDOWN AREA & AT WEST END OF BLDG. 123

EQUIPMENT: EXCAVATOR, 2 MOTOR GRADERS, 2 ROLLERS, WACKER, 2 SKIP LOADERS, BULLDOZER, WATER TRUCK, 2 KW BOTTS, STREET SWEEPER

Signed: [signature] Date: 6/19/13

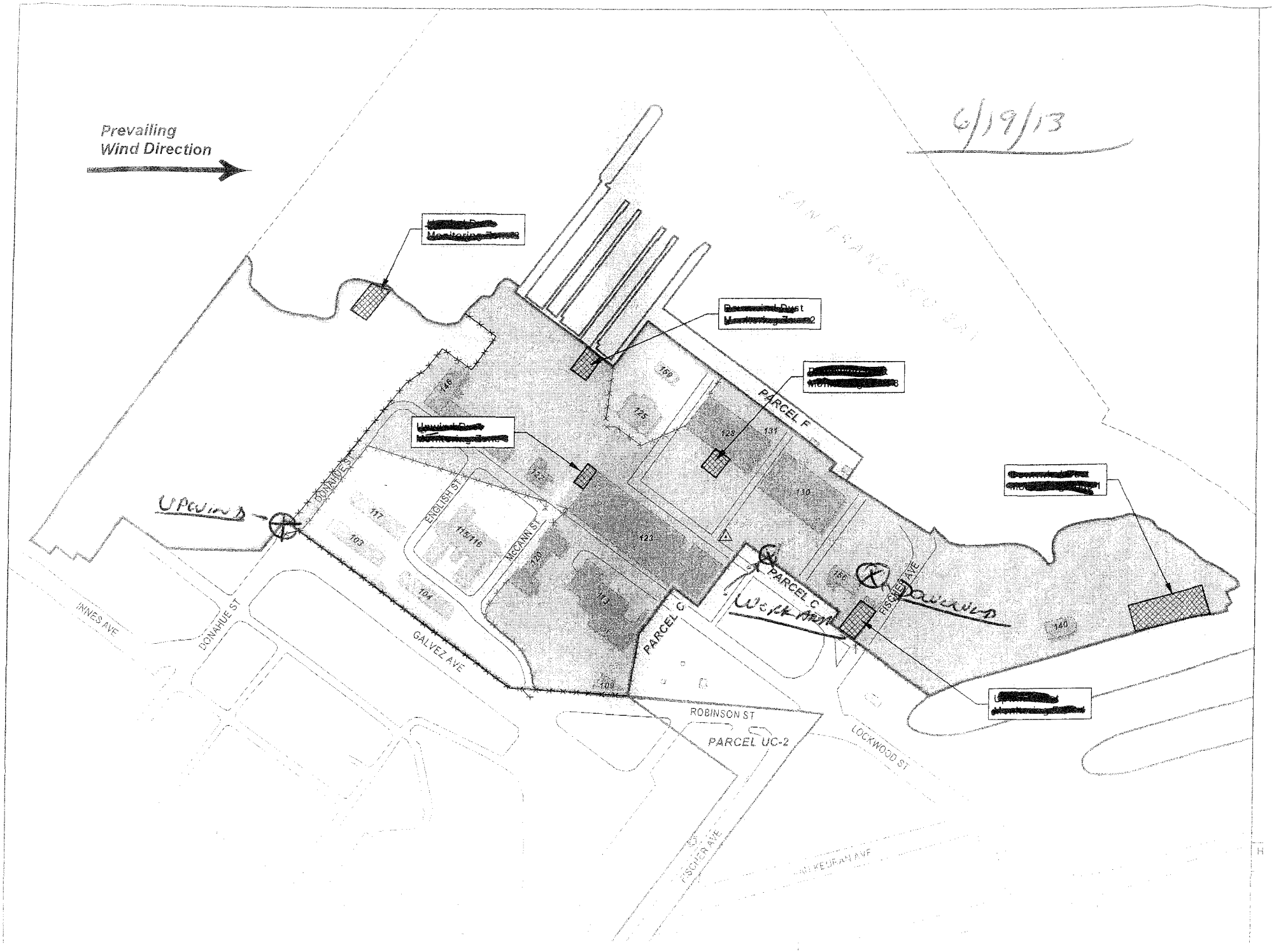
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	6/17/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Dunning & Galvez	6/19/13	0757	0.000	0.000	
Meter # 1161		0847	0.000	0.000	
		0955	0.000	0.000	
		1055	0.000	0.000	
		1402	0.000	0.000	
		1502	0.000	0.000	
WORK AREA / Parcel B/C	6/19/13	0803	0.000	0.030	
Fence of Square / # 1008		0854	0.000	0.000	
		1008	0.000	0.000	
		1101	0.000	0.000	
		1406	0.000	0.000	
		1507	0.000	0.000	
DOWNWIND / Safety Table	6/19/13	0804	0.014	0.011	
Bldg 156 / # 10973		0852	0.003	0.005	
		1000	0.004	0.007	
		1059	0.010	0.006	
		1405	0.015	0.007	
		1505	0.011	0.008	



Prevailing
Wind Direction
6/19/13
SAN FRANCISCO BAY
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
UPWIND
DOWNWIND
WORK AREA
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER 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 06/19/13

REPORT NO 151

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Performed rough grading of the swale adjacent to Building 146 and Donahue St, and the swale south of Dry Docks 5/6/7. Performed rough
	grading around the perimeter of Building 120.
05	Imported and placed aggregate base material in the area between Building 121 and the swale south of Dry Docks 5/6/7, and the area between
	Building 121 and Buildings 116/117. Performed fine grading of the aggregate base course using a motor grader equipped with a GPS-
	guided blade leveling system. Compacted the aggregate base course using a smooth-drum roller.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
03	Installed steel plates over the vault inside Building 159 to complete the punchlist for this building.

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 — 06/19/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/19/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing of the AB performed on 6/12/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 06/19/13

Photo 1: Asphalt Cover Installation – Rough grading of the swale adjacent of Building 146 and Donahue St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 19, 2013

Photo 2: Asphalt Cover Installation – Fine grading of the aggregate base course

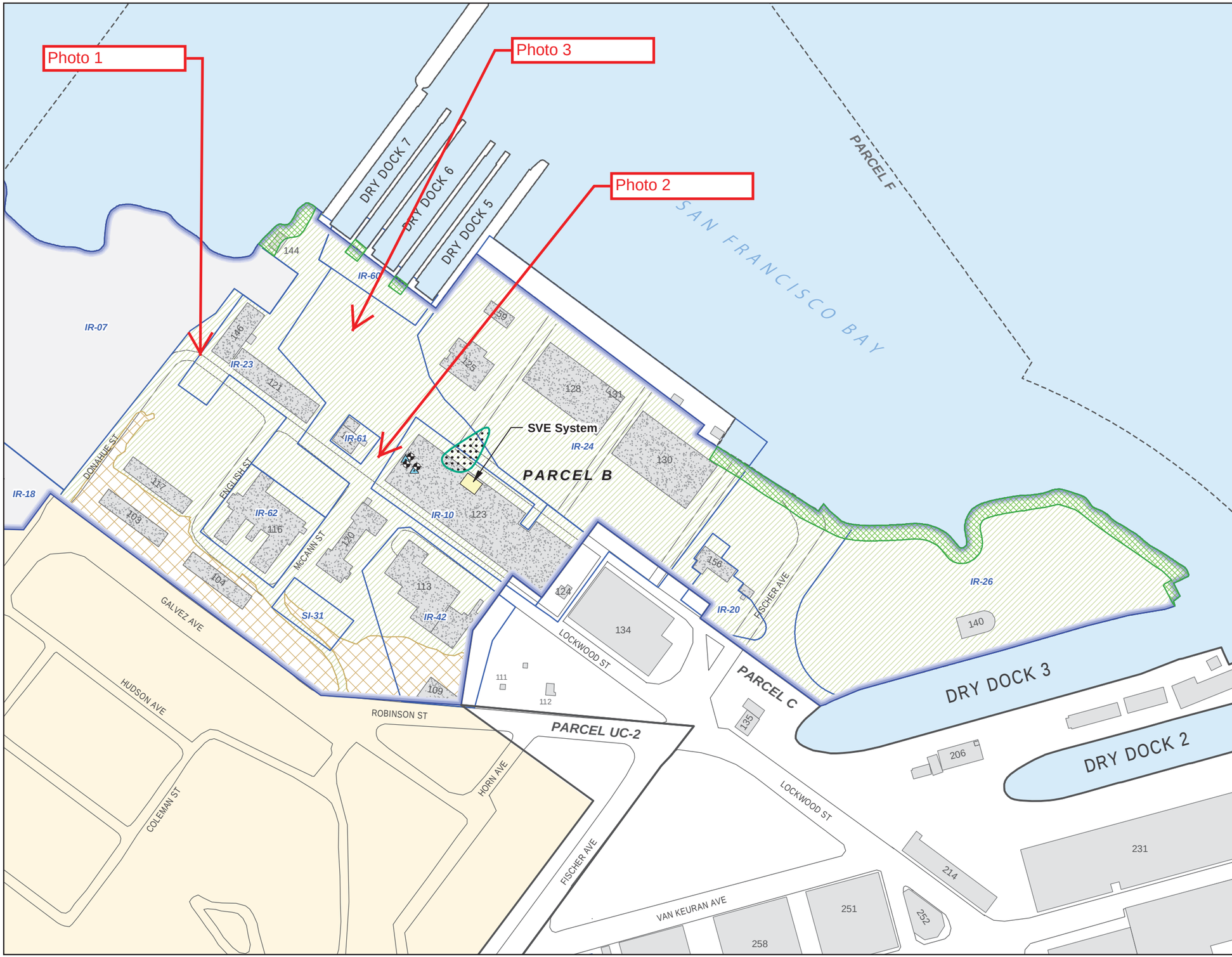
HPNS Parcel B Remedial Action, San Francisco, California

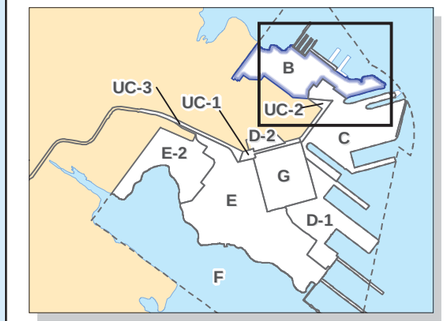
Photographed by: Richard Epp (ERRG, Inc.) Date: June 19, 2013

Photo 3: Asphalt Cover Installation – Compacting the aggregate base course placed between Building 121 and Dry Docks 5/6/7

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 19, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/20/13	REPORT NO: 152
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Clear/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 64	MIN TEMP (F): 52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Continue to irrigate all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	6 trucks looping with AB today placing north of buildings 115, 116 & 117.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	20
05	Continue site grading work along Donahue St. and building 146, also grading on	ERRG	5	Equipment Operators	33
	the north side of building 115 and under the tree.	ERRG	5	Laborers	24
		ERRG	1	Truck Drivers	6
		Harris Blade	1	Motor Grader Sub	8

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: 121
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: 20,538
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 20,659

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		78 Loads (1962.14 tons 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	ERRG	JD 225 Excavator	2
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	QC Manager escorted Navy CSO and Regulators from the various agencies (DTSC, EPA, Water Board) around the Parcel B Project.
05	Protesters at main entrance to site Donahue/Galvez in front of Lennar site preventing access to site with rock trucks, vendors etc. from approximately 1100-1400

James Nores — 06/20/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/20/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	152 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	64
MIN TEMP (F)	52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	2

Schedule Activity No.	REMARKS

James Nores 06/20/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS CONTRACT # N62473-09-D-2608

DATE 6/20/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, BASE IMPORT, BASE INSTALL + COMPACTION

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT (BEHIND) DYE CONTACT, TRUCK TRAFFIC

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ Yes _____ No

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
[illegible]	ERRG	[signature]
David English	Harris	[signature]
Josh Pelz	ERRG	[signature]
Tony Green	ERRG	[signature]
M. Rivera	ERRG	[signature]
Jeremy Aguiar	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
[illegible]	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Brunkers	ERRG	[signature]
Mike Babisl	ERRG	[signature]
[illegible]	ERRG	[signature]
Demond Brooks	Monroe's Son Trucking	Demond Brooks
[illegible]	[illegible]	[signature]
Melvin Horne	Butler	[signature]

[illegible] Richard Epp SUPERINTENDENT James Nores

SIGNATURE [signature] SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
[illegible]	A-S Tracker	[illegible]
[illegible]	RAJ	[illegible]
[illegible]	[illegible]	[illegible]

SSNO: [redacted] R. Epp

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE SHADING
13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		6/20/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		6/20/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		6/20/13 0700
Employee(s):	Jim Aguiar		6-20-13 0700
	Josh Pea		6/20/13 0700
	David English		6-20-13 — 0700
	Toney Green		6 20 13 700
	Jeremy Alvarez		6-20-13 0700
	Adolfo Madrigal		6-20-13 0700
	M. Rivera		6-20-13 0700
	F. Loza		6-20-13 0700
	R Rodriguez		6-20-13 0700
	Enrique Martinez		6-20-13 0700
	[illegible]		6-20-13 0700
	Spencer Johnson		6/20/13 0700
	Brian Kerr		6/20/13 0700
	M.R. Babak		6/20/13 0700

DAILY FIELD ACTIVITY LOG

Richard Epp
THURSDAY
Hunters Point Naval Shipyard, Parcel B
CLEAR

Client: Navy
Date: 6/20/12
Project No.: 2012-037
Page: 1 of 1

Weather
Site Visitors: ROSS STEENSON - WATER BOARD, RYAN MEGA & PETER GATHUNGU - DTSC, CRAIG COOPER - US EPA, DOUG DOLONG - NAVY BRAC.

Description of Field Activities:

SITE GRADING ON SQUARE ALONG DONAHUE ST + BLDG 146. GRADING ON THE NORTH SIDE OF BLDG 115 + UNDER THE TREE, COMPACTING.

IMPORTED BASE MATERIAL WITH 6 TANDEM BOTTOM DUMP TRUCKS

PLACING + COMPACTING BASE IN AREA NORTH OF BLDGS 115, 116 + 117.

IMPORT DELIVERY HALTED FOR 2 HOURS DUE TO PROTESTERS BLOCKING ACCESS TO THE SHIPYARD.

EQUIPMENT: EXCAVATOR, END LOADER, 2 MOTOR GRADERS, 2 SKIP LOADERS, 2 WATER TRUCKS, 2 ROLLERS, 2 KUBOTAS, OFF-ROAD DUMP TRUCK.

Signed: [signature]

Date: 6/20/13

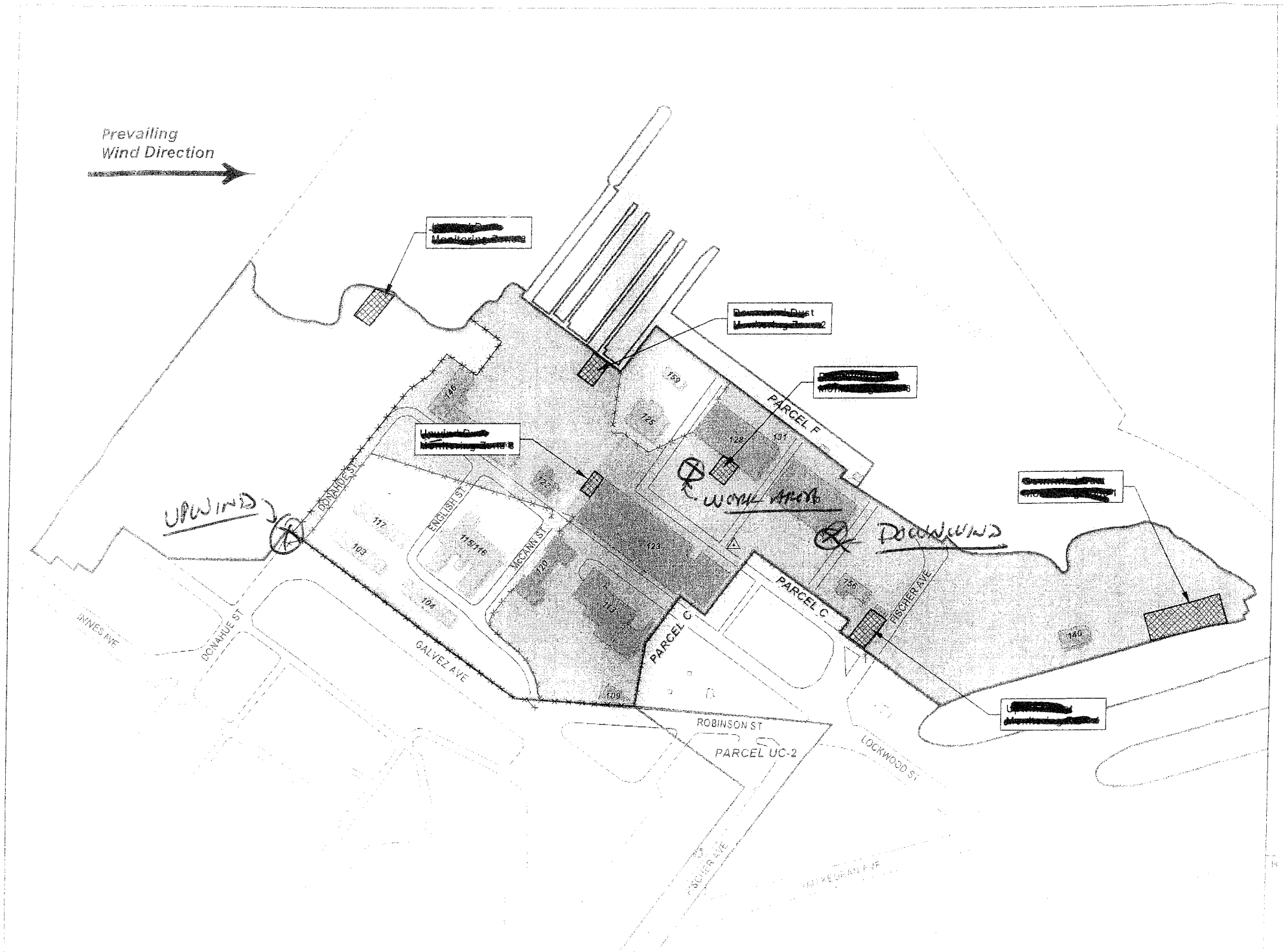
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	6/20/13 / 0800	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND/Dominant @ Gantry Mtn # 1161	6/20/13	0755	0.000	0.001	
		0852	0.005	0.000	
		0957	0.000	0.000	
		1056	0.001	0.000	
		1254	0.000	0.000	
		1402	0.000	0.000	
		1452	0.000	0.000	
WORK AREA / Pole South of Bldg. 128 / # 1008	6/20/13	0805	0.000	0.000	
		0902	0.000	0.000	
		0959	0.000	0.000	
		1058	0.000	0.000	
		1259	0.000	0.000	
		1402	0.005	0.001	
		1500	0.000	0.002	
DOWNWIND / SE Corner Bldg. 130 / # 10973	6/20/13	0812	0.000	0.000	
		0900	0.002	0.000	
		1001	0.000	0.000	
		1059	0.011	0.000	
		1301	0.005	0.000	
		1406	0.000	0.000	
		1502	0.000	0.000	



Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
146
159
125
128
131
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/20/13

REPORT NO 152

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Performed rough grading of the swale adjacent to Building 146 and Donahue St; performed rough grading of the area north of Building 115 and
	the area between Building 115 and Building 117.
05	Imported aggregate base material and placed in the area between Buildings 115/116, Building 117, and Building 121. Performed fine grading
	of the aggregate base course using a motor grader equipped with a GPS-guided blade leveling system. Compacted the aggregate base course
	using a smooth-drum roller.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
05	Site walk conducted by regulatory agency personnel (EPA, DTSC, SFRWQCB) and Navy CSO, escorted on site by ERRG QC Manager.
05	The main entrance to HPNS was blocked by protesters, preventing material deliveries for approximately 3 hours today.

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 — 06/20/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/20/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing of the AB performed on 6/12/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 06/20/13

Photo 1: Asphalt Cover Installation – Fill material placed in the subgrade between Building 116 and Building 117

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 20, 2013

Photo 2: Asphalt Cover Installation – Excavation of the swale on the southwest side of Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 20, 2013

Photo 3: Asphalt Cover Installation – Placement of aggregate base course between Building 117 and Building 121

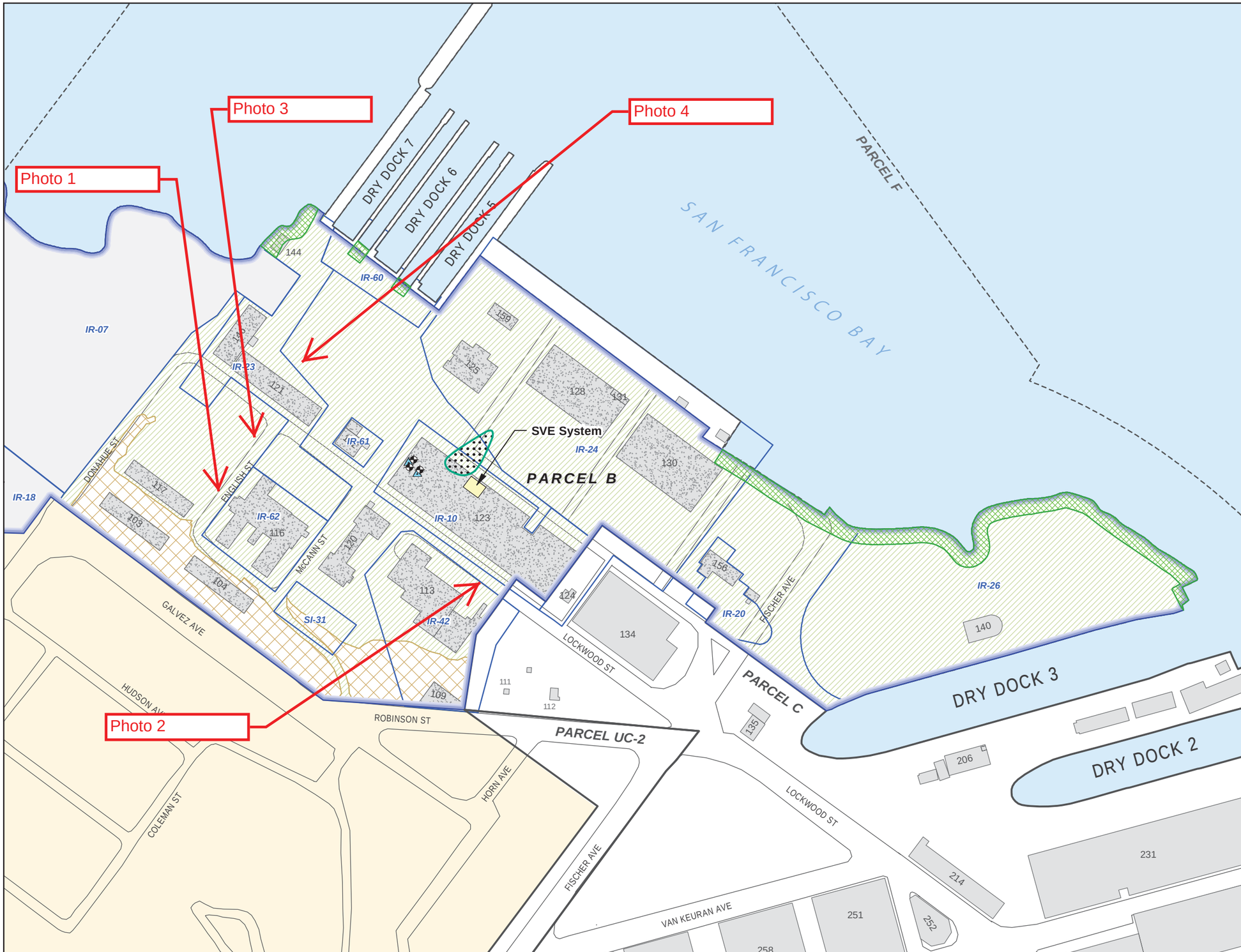
HPNS Parcel B Remedial Action, San Francisco, California

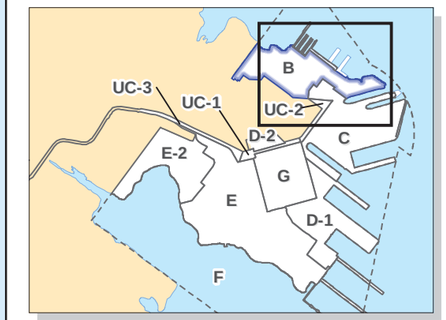
Photographed by: Richard Epp (ERRG, Inc.) Date: June 20, 2013

Photo 3: Asphalt Cover Installation – Completed aggregate base course northeast of Building 121

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 20, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/21/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	153		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	66	MIN TEMP (F)	52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue to irrigate all hydro seeded slopes. Surveyors on site to take final topo	ERRG	1	Project Manager	0
	of the hydroseeded slopes and cover fill areas.	ERRG	1	QC Manager	10
05	Demo stairs and landing on the northeast side of building 115, demo the half	ERRG	1	H&S Officer	8
	wall on the northwest side of the loading dock at building 116.	ERRG	1	QC Staff	20
		ERRG	4	Equipment Operators	28
05	Crew continue hand work around building 115/116. Continue finish grading	ERRG	5	Laborers	30
	the AB placed yesterday north side of building 121. Moving and placing cut	ERRG	1	Truck Drivers	6
	material from the west side of building 146 to the west side of bulding 116 to	Harris Blade	1	Motor Grader Sub	8
	make sub grade.	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	136
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	20,659
TOTAL WORK HOURS FROM START OF CONSTRUCTION	20,795

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	ERRG	JD 225 Excavator	2
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Perform compaction testing today on the placed and compacted AB on the north side of building 121 and the east side of building 123

James Nores 06/21/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/21/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	153 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Clear/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	66
MIN TEMP (F)	52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	2

Schedule Activity No.	REMARKS

James Nores 06/21/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS CONTRACT # N62473-09-D-2608

DATE 6/21/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, INSTALL + COMPACT BASE MATERIAL

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT (EYE CONTACT), JT&F, HOAT

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]
Josh Pelt	ERRG	[signature]
David English	Harris	[signature]
Tony Green	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
M. Rivera	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Fernando Loza	ERRG	[signature]
Mike Bartel	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Sam Espinoza	ESP	[signature]
Juan Lorente	ESP	[signature]
Ted Hoare	ERRG	[signature]
J. Cancel	ERRG	[signature]
[illegible]	ERRG	[signature]

SUPERINTENDENT 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 #: #2 Surveyors
12 Site Grading
#13 Base Installation

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	6/21/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	6/21/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	D Rodriguez	[signature]	6/21/13 0700
	Brian Kerr	[signature]	6/21/13 0700
	Josh Pea	[signature]	6/21/13 0700
	David English	[signature]	6/21/13 0700
	Toney Green	[signature]	6 21 13 700
	Adolfo Madrigal	Adolfo M.	6-21-13 0700
	M. Rivera	[signature]	6-21-13 0700
	Spencer Johnson	[signature]	6/21/13 0700
	Mike Bubyk	[signature]	6/21/13
	F. LOZA	[signature]	6-21-13
	ENRIQUE MARTINEZ	[signature]	6-21-13 0700
	Ted Huger	[signature]	6-21-13 7:12
	Sam Espinosa	[signature]	6-21-13 7:15
	Juan [illegible]	[signature]	6-21-13 7:15
	J. Corrsch	[signature]	6/21/13 0700
	[illegible]	[signature]	6-21-13 0700

DAILY FIELD ACTIVITY LOG

	Richard Epp	Client:	Navy
	FRIDAY	Date:	6/21/13
	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather	CLEAR	Page:	1 of 1
Site Visitors	NONE		

Description of Field Activities:

SITE GRADING NORTH END OF BLDG 116. GRADING ROAD & WEST OF BLDG. 120.

SURVEYORS ON SITE, CHECKING SLOPES.

PLACING + COMPACTING BASE MATL, LAYDOWN AREA

REMOVED ROTTING STAIRWAY ON NORTH SIDE OF ~~[illegible]~~ BLDG. 116.

EQUIPMENT: 2 MOTOR GRADERS, 2 ROLLERS, 2 WATER TRUCKS, 2 SKIP LOADERS, 2 KUBOTA, AERIAL LIFT

Signed: [signature] Date: 6/21/13

ERRG

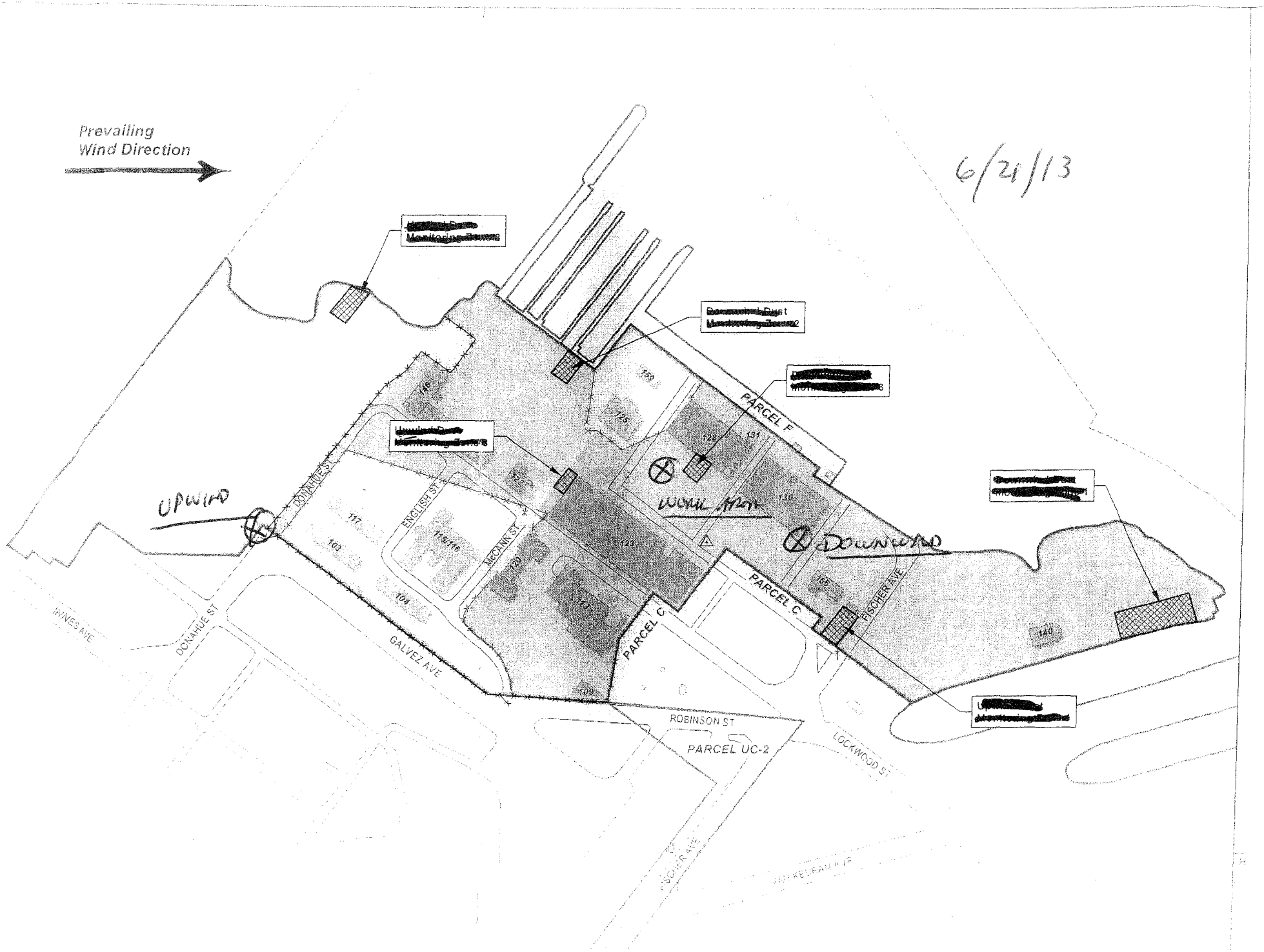
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 6/20/13

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 + GALVOZ MOTOR # 1161	6/21/13	0739	0.011	0.015	
		0907	0.001	0.002	
		1006	0.003	0.002	
		1101	0.001	0.002	
		1149	0.005	0.002	
		1302	0.000	0.002	
		1403	0.001	0.002	
		1450	0.005	0.002	
WORK AREA/DOWN PILE EAST OF BLDG 125/ #1008	6/21/13	0825	0.000	0.000	
		0909	0.000	0.000	
		1010	0.000	0.000	
		1105	0.000	0.000	
		1153	0.000	0.000	
		1305	0.000	0.000	
		1407	0.000	0.000	
		1455	0.000	0.000	
DOWNWIND/SE CORNER OF BLDG 120 / #10973	6/21/13	0827	0.000	0.000	
		0910	0.000	0.014	
		1011	0.000	0.000	
		1107	0.000	0.000	
		1155	0.000	0.000	
		1306	0.001	0.000	
		1409	0.000	0.000	
		1457	0.000	0.000	



Prevailing
Wind Direction
6/21/13
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
146
117
103
104
115/116
120
123
125
122
131
130
156
140
109

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18)	Contractor: ERRG Inc.	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Sky Jack man lift	Model No.: SJ40T	Serial No.: 98000536

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: 6-21-13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Skip Loader John Deere 210 **Identification Number:** FC6X94

Project Number / Name: H.P.N.S 037 **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects

Inspected By (Initials) And Date:	A.M. 6-17-13 HR. 1657.8			A.M. 6-18-13 HR. 1664.2			A.M. 6-19-13 HR. 1671.3			A.M. 6-20-13 HR. 1678.0			A.M. 6-21-13 HR. 1684.5			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Water Truck **Identification Number:** CRS13-016

Project Number / Name: 2012-037 **Rental** ☒ **ERRG** ☐

Heavy Equipment Defects																
Inspected By (Initials) And Date:	6/17/13 26328.6 BL			6/18/13 BL 26354.8			6/19/13 BL 26393.7			6/20/13 BL 26432.2			6/21/13 25467.1 BL			**Defect(s):**
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW 11078

Project Number / Name: HANS, PAHOZIS **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects																
Inspected By (Initials) And Date:	06/17/13 1002.1			6/18/13 1004.2			6/19/13 1006.1			6/20/13 1008.4			6/21/13 1011.9			**Defect(s):**
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: 6/21/13 CT KOAK TIRE LOWNGAM

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/21/13

REPORT NO 153

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover. ESP began the as-built survey of the completed soil cover.
05	Demolished the exterior staircase on the northeast side of Building 115, and demolished the half-wall adjacent to the ramp on the northeast side
	of Building 116. Performed rough grading of the swale southwest of Dry Dock 5/6/7; continued rough grading of the area northwest of Building116.
05	Continued fine grading of the aggregate base course placed between Building 121 and the swale near Dry Docks 5/6/7, and on the southwest
	side of Building 121 using a motor grader equipped with a GPS-guided blade leveling system. Compacted the aggregate base course installed
	between Building 121 and the swale near Dry Docks 5/6/7. Continued hand installation of aggregate base course adjacent to the northeast side
	of Building 115/116. Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Performed nuclear gauge compaction testing of the completed aggregate base course northeast of Buildings 121 and 123 (see attached test report).

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 — 06/21/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/21/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**	**X**			Nuclear gauge density/moisture testing of the AB performed on 6/12/13 & 6/21/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			See attached nuclear density/moisture gauge test report
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration					

QC Manager: Spencer Slominski	Date: 06/21/13

ERRG
Engineering Remediation Resources Group, Inc.
185 Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.:
Page ____ of ____

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

Date/Time	Job No.	Project/Location	Source Material	Gauge No. / Density Std.
6-21-13	2012-037	HPNS	Am-241 / Cs-137	Gauge No.: CPN MC3 Density Std.: 35774
Inspector	**Project Engineer**	**Other**		**Moisture Std**
F. LOZA	SPENCER S.			7845

Curve No.	Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
	124.9		8.0	ROLLER

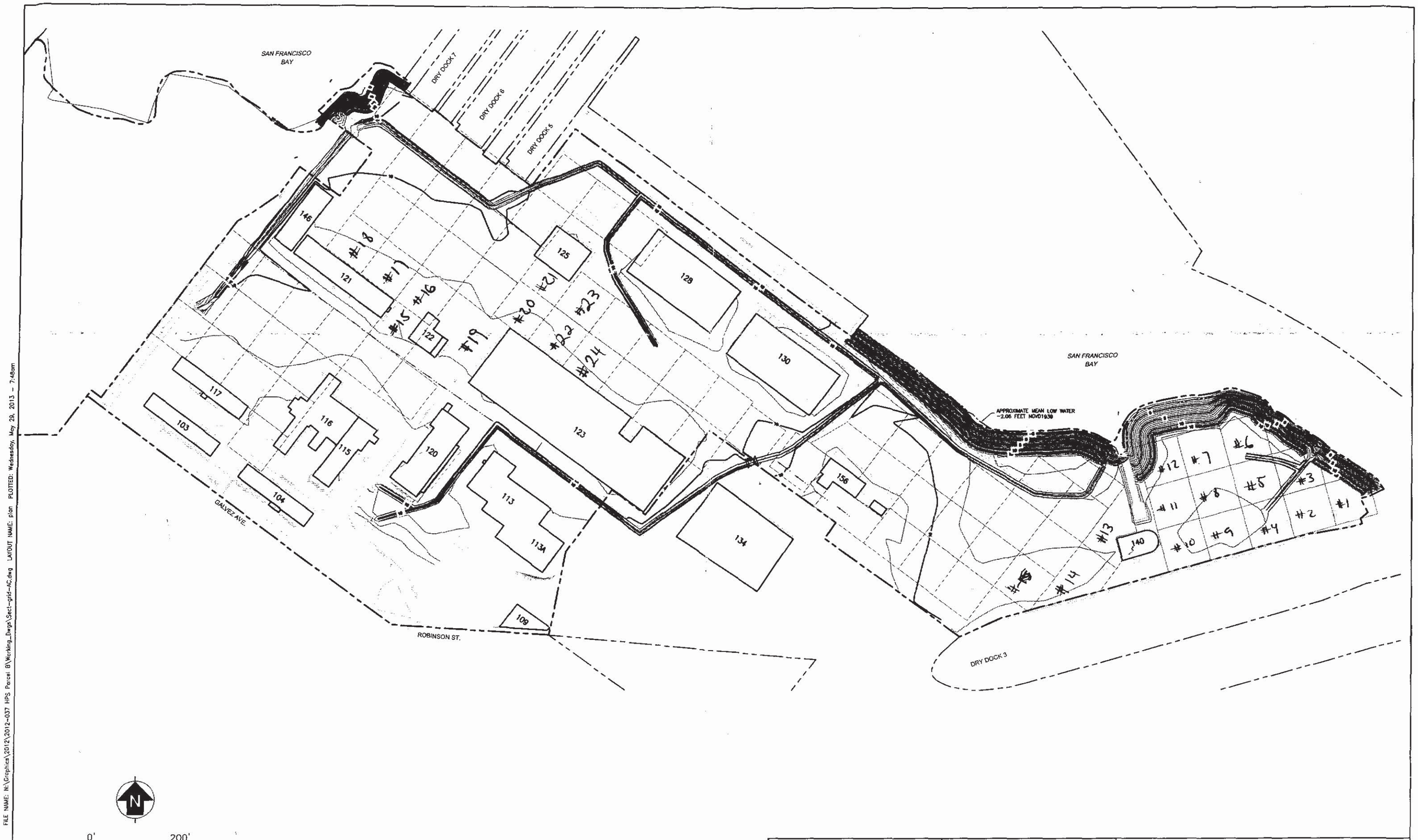
Specified % Compaction	Specified % Water	Lab Test Method	Field Test Method
95 %	+/- 3%	ASTM D-1557	ASTM D-2922 ASTM D-3017

		Gauge Readings							
Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
15		3"	130.9	12.1	118.8	10.18	95%		@ Grade
16			132.2	13.4	118.8	11.31	95%		
17			132.4	14.3	118.4	12.12	95%		
18			131.5	13.1	118.3	11.11	95%		
19			132.2	12.7	119.5	11.2	96%		
20			131.5	13.2	118.3	11.41	95%		
21			130.5	12.3	118.2	10.42	95%		
22			129.1	11.1	118.0	9.44	95%		
23			131.0	12.7	118.3	10.70	95%		
		Average							

Remarks

Inspector

Reviewed:



FILE NAME: N:\Graphics\2012\2012-037 HPS Parcel B\Working_Dwgs\Sect-grid-AC.dwg LAYOUT NAME: plan PLOTTED: Wednesday, May 29, 2013 - 7:48am

ERRG Engineering/Remediation Resources Group, Inc. 115 Sansome St., Suite 200 San Francisco, California 94104 (415) 395-9974	CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO WEST	PLAN VIEW SECTION GRID 100X100			
	LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA	DRAWN BY: SC 05/28/13	CHECKED BY: JS 05/28/13	PROJECT NO. 2012-037	FIG NO. 1

Photo 1: Asphalt Cover Installation – Fill material placed in the subgrade between Building 116 and Building 117

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 21, 2013

Photo 2: Asphalt Cover Installation – Excavation of the swale on the southwest side of Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 21, 2013

Photo 3: Asphalt Cover Installation – Placement of aggregate base course between Building 117 and Building 121

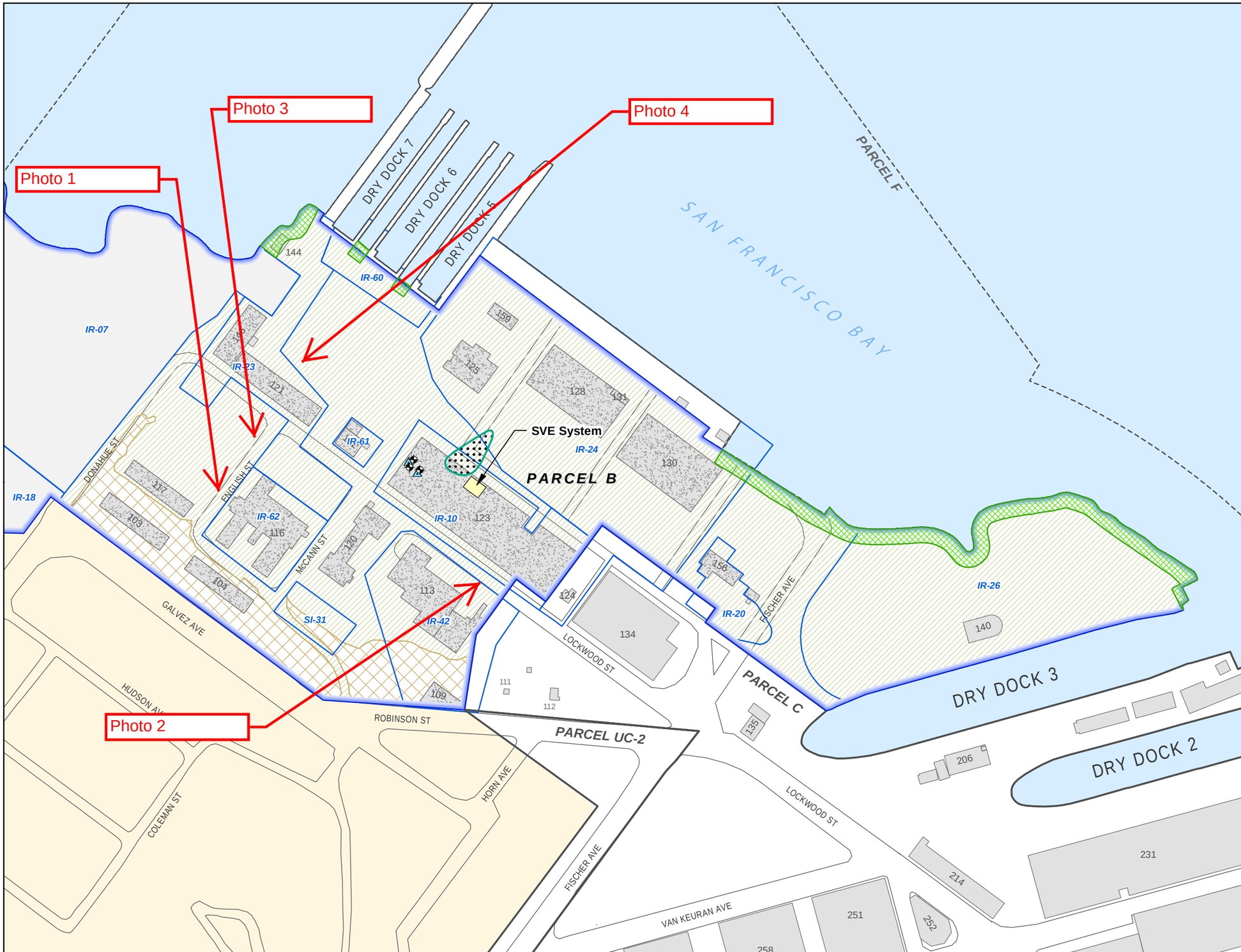
HPNS Parcel B Remedial Action, San Francisco, California

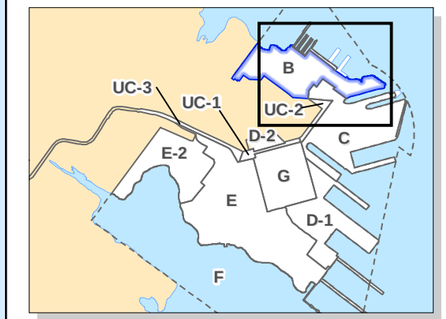
Photographed by: Richard Epp (ERRG, Inc.) Date: June 21, 2013

Photo 3: Asphalt Cover Installation – Completed aggregate base course northeast of Building 121

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 21, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/24/13	REPORT NO: 154
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Rain/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 61	MIN TEMP (F): 54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Continue to irrigate all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Continue site grading around building 120 swales.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	20
05	Placing and compacting AB around several buildings. (128,130,123,116,115)	ERRG	4	Equipment Operators	20
		ERRG	7	Laborers	44
		ERRG	2	Truck Drivers	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 130
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: 20,795
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 20,925

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	ERRG	JD 225 Excavator	2
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS

James Nores — 06/24/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/24/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	154 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Rain/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	61
MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	2

Schedule Activity No.	REMARKS

James Nores 06/24/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 6/24/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, ~~[illegible]~~, PLACE + COMPACT BASE

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT (EYE CONTACT) TRUCKS, WEATHER

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb, VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JEREMY AGUIAR	ERRG	[signature]
JOSH PERE	ERRG	[signature]
PAUL RODRIGUEZ	[illegible]	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
M. Rivera	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
ENRIQUE MARTINEZ	ERRG	[signature]
Roberto Aguilera	ERRG	[signature]
F. LOZA	ERRG	[signature]
Mike Babst	ERRG	[signature]
King Bailey	ERRG	[signature]
Spencer Dohnson	ERRG	[signature]
[illegible] APM	ERRG	[signature]
Spencer Slamingo	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 #: 12 SITE GRADING
#13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	6/24/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	6/24/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	6/24/13 0700
Employee(s):	JEREMY AGUIAR	[signature]	6-24-13 0700
	Josh Pell	[signature]	6/24/13 0700
	Paul Rodriguez	[signature]	6-24-13 0700
	Adolfo Madrigal	Adolfo M.	6-24-13 0700
	Rodrigo Pulido	Rodrigo	6-24-13 07:00
	M Rivera	[signature]	6-24-13 0700
	Roberto Aguilera	[signature]	6-24-13 07 m
	ENRIQUE MARTINEZ	[signature]	6-24-13 0700
	F. LOZA	[signature]	6-24-13 0700
	Mike Babst	[signature]	6-24-13 0700
	[illegible]	[signature]	6-24-13 0700
	Spencer Johnson	[signature]	6/24/13 0700

DAILY FIELD ACTIVITY LOG

Name:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	6/24/13
Project Number:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	RAIN, OVERCAST	Page:	1 of 1
Site visitors:	NONE		

Description of Field Activities:

SITE GRADING AROUND BLDG. 120, CUTTING SWALES.

PLACING + COMPACTING AROUND SEVERAL BLDGS.

Signed: [signature]

Date: 6/24/13

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: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	6/24/13	NO MONITORS DEPLOYED DUE TO INCLEMENT WEATHER, RAIN WET GROUND.			

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/24/13

REPORT NO 154

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	Continued irrigating all completed areas of the soil cover.
05	Performed rough grading of the swale southwest of Building 123 and east of Building 120.
05	Continued fine grading of the aggregate base course placed between Building 121 and Building 116, and compacted the base course using a
	smooth drum roller. Continued hand installation of aggregate base course adjacent to the exterior walls of Building 115/116, Building 121,
	Building 123, Building 128, and Building 130.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

On behalf of the contractor, I certify that this report is complete and correct and equipment and material used and work performed during this reporting period is in compliance with the contract drawings and specifications to the best of my knowledge except as noted in this report.

Spencer Slominski — 06/24/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/24/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing of the AB performed on 6/12/13 & 6/21/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13 and 6/21/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration					

QC Manager: Spencer Slominski	Date: 06/24/13

Photo 1: Asphalt Cover Installation – Grading the swale located between Building 113 and Building 120

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 24, 2013

Photo 2: Asphalt Cover Installation – Hand placement of aggregate base course along the exterior wall of Building 121

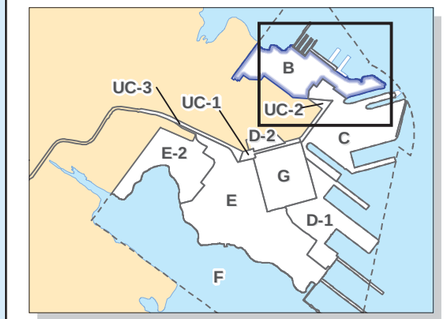
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 24, 2013

Photo 3: Asphalt Cover Installation – Aggregate base course installed over the area between Building 116 and Building 121

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 24, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/25/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	155		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Rain/Cool	PM WEATHER	Windy/Warm
MAX TEMP (F)	63	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Sweep haul route roads with power sweeper from entrance to Jennings/Evans	ERRG	1	Project Manager	5
		ERRG	1	QC Manager	10
05	Continue sub grade site grading around building 120 swales.	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	20
05	Placing and compacting AB around several buildings. (128,130,123,116,115)	ERRG	5	Equipment Operators	29
		ERRG	6	Laborers	32
05	4 trucks looping with AB, place and grade out between building 121 and 117	ERRG	1	Truck Drivers	2
		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	132
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	20,925
TOTAL WORK HOURS FROM START OF CONSTRUCTION	21,057

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		16 loads (383.14 tons) AB delivered

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	ERRG	JD 225 Excavator	2
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Weekly QC Meeting today with Navy ROICC/CSO personnel and ERRG QC, Supervisory and H&S Staff.
05	ERRG Project Manager called today and informed us that the Navy was receiving calls regarding our AB trucks coming onto the site with uncovered loads and that there was
	AB on the road leading to the shipyard- We stopped import until all drivers had tarps and stepped up the sweeping effort from the shipyard entrance all the way down to Jennings
	St./Evans St. intersection.
05	Protestors again today in front of the Lennar jobsite at Donahue St. and Innes Ave. preventing access for AB trucks called off trucks at 11:00

James Nores 06/25/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/25/13
		REPORT NO: 155 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	

AM WEATHER	PM WEATHER	MAX TEMP (F)	MIN TEMP (F)
Rain/Cool	Windy/Warm	63	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	2

Schedule Activity No.	REMARKS

James Nores — 06/25/13

CONTRACTOR/SUPERINTENDENT — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 6/25/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BASE INSTALL, PLACE + COMPACTION

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCKS, EQUIPMENT, WEATHER, VISIBILITY

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
Josh Pell	ERRG	[signature]
[illegible]	[illegible]	[signature]
Roberto Aguilera	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
Rodrigo Pulido	ERRG	Rodrigo
F. Loza	ERRG	[signature]
M. Rivera	ERRG	[signature]
David Inglish	Harris	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babak	ERRG	[signature]
Jeremy Aguilar	ERRG	[signature]
Michael Sumpter	E-Butler	Michael Sumpter
Calvin Silicas	DS	[signature]
Arthur [illegible]	A.S. [illegible]	[signature]
Melvin Horne	E-Butler Trucks	[signature]
Spencer Slowinski	SPRC	[signature]
John Sourial	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 #: 13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	6/21/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	6/25/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	6/21/13 0700
Employee(s):	Josh Perl	[signature]	6/25/13 0700
	D Rodrigson	[signature]	6/25/13 0700
	ENRIQUE MARTINEZ	[signature]	6-25-13 0700
	Roberto Aguilera	[signature]	6-25-13 0700
	Rodrigo Pulido	Rodrigo	6-25-13 0700
	F. LOZA	[signature]	6-25-13 0700
	M. Rivera	[signature]	6-25-13 0700
	Adolfo Madrigal	Adolfo M.	6-25-13 - 0700
	David English	[signature]	6-25-13 - 0700
	Spencer Johnson	[signature]	6/25/13 0700
	Mike Bulash	[signature]	6/25/13 0700
	JEREMY ALQUIAR	[signature]	6-25-13 0700

DAILY FIELD ACTIVITY LOG

	Richard Epp	Client:	Navy
	TUESDAY	Date:	6/25/13
	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather	SHOWERS, OVERCAST	Page:	1 of 1
Site Visitors:	USN - PETER STROGANOFF, DOUG DELONG, ANDY VARGA SF REDEVELOPMENT - THOR KASLOFSKY (+)		

Description of Field Activities:

SURVEYORS ON SLOPES.

IMPORT W/ 4 TANDEM BOTTOM DUMPS FOR 2 HOURS. PLACING + COMPACTING BASE MATERIAL NORTH OF BLDG 117, HANDWORK AROUND BLDGS 120, 123, 122 + 121.

SITE GRADING FOR SWALES BEHIND BLDG 120 + AT SUB PENS.

STREET SWEEPING ON GALVEZ + INNES.

Signed [signature] Date: 6/25/13

ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

Client: US Navy
Project No.: 2012-037
Page: of
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
	6/28/13	- NO MONITORS DEPLOYED DUE TO FREQUENT SHOWER ACTIVITY.			
			[signature], SSHO.		

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/25/13

REPORT NO 155

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
05	Continued rough grading on the northwest side of Building 120 to prepare the pavement subgrade. Continued rough grading of the swales
	east of Building 120 and west of Building 125.
05	Imported and placed aggregate base material in the area between Building 117 and Building 121. Performed fine grading of the aggregate base
	course using a motor grader equipped with a GPS-guided blade, and compacted the base course using a smooth drum roller. Continued hand
	installation of aggregate base course adjacent to the exterior walls of Building 115/116, Building 121, Building 122, Building 123, Building 128, and
	Building 130.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
05	ERRG was notified that the Navy had received complaints that the aggregate base import trucks were hauling uncovered loads, and were
	dropping aggregate base material on the streets outside HPNS. ERRG stopped importing AB until all trucks were fitted with load covers,
	and increased street sweeping on the truck route into HPNS.
05	The entrance to HPNS at Donahue St & Innes Ave was blocked by protesters starting around 11 am; prevented delivery of AB material.
05	Held weekly QC meeting; attended by Navy ROICC, Navy BRAC PMO, ERRG QCM, ERRG Superintendent, and ERRG SSHO.

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 — 06/25/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/25/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing of the AB performed on 6/12/13 & 6/21/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13 and 6/21/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration					

QC Manager: Spencer Slominski	Date: 06/25/13

Photo 1: Asphalt Cover Installation – Rough grading of the swale located west of Building 125

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 25, 2013

Photo 2: Asphalt Cover Installation – Fine grading of the aggregate base course near Building 121

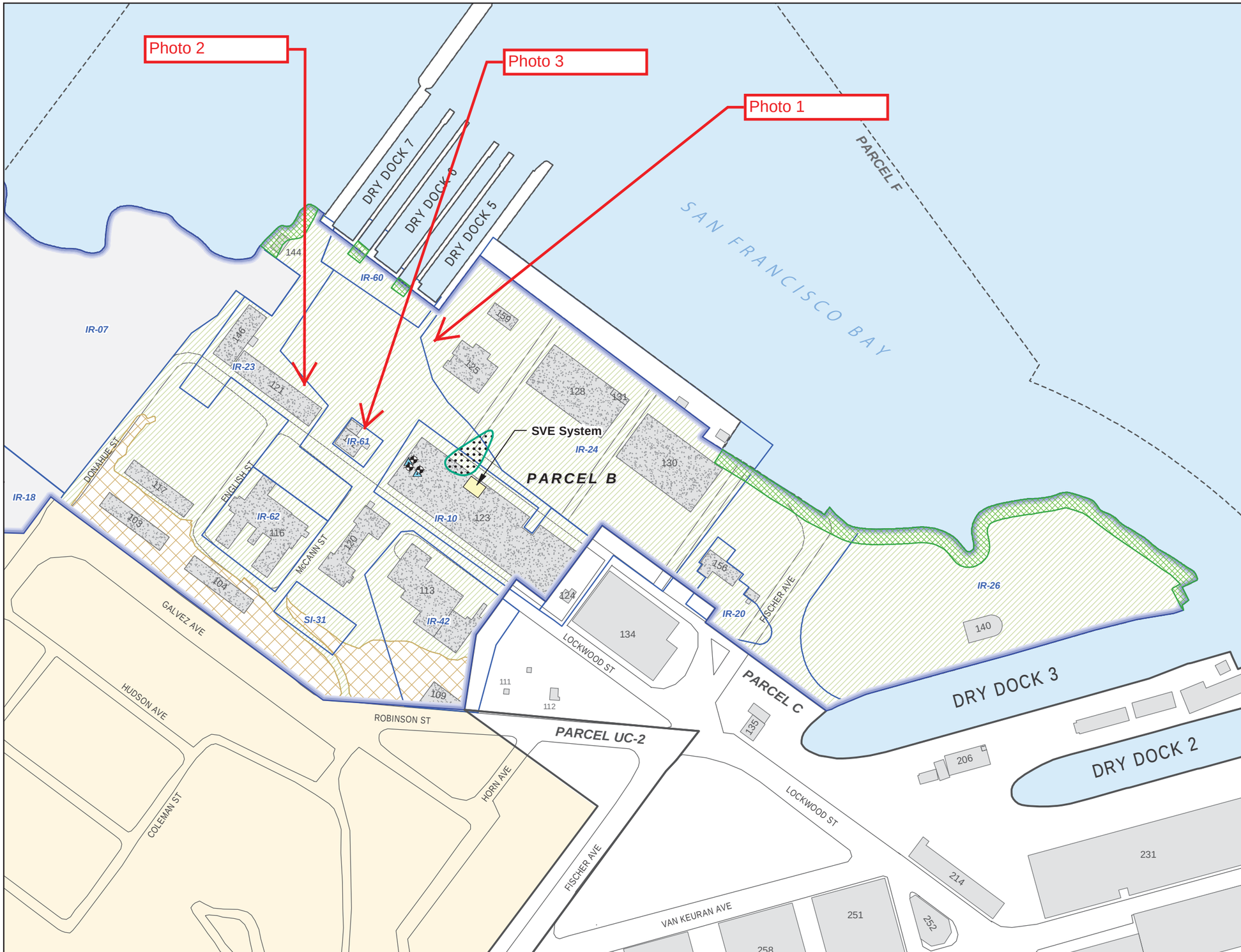
HPNS Parcel B Remedial Action, San Francisco, California

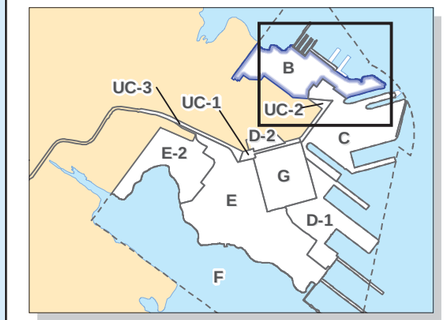
Photographed by: Richard Epp (ERRG, Inc.) Date: June 25, 2013

Photo 3: Asphalt Cover Installation – Placement of aggregate base course near Building 122

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 25, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/26/13	REPORT NO: 156
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Sunny/Cool	PM WEATHER: Windy/Warm	MAX TEMP (F): 63	MIN TEMP (F): 54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	Site compaction and testing all placed AB from DD#3 to building 123.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	0
04	Surveyors on site to continue final topo of all soil cover areas.		1	H&S Officer	8
		ERRG	1	QC Staff	20
05	Continue hand grading and compaction around building perimeters and tight	ERRG	5	Equipment Operators	32
	access areas.	ERRG	7	Laborers	42
		ERRG	2	Truck Drivers	14
		ESP	2	Surveyors	8

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: 134
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: 21,057
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 21,191

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	ERRG	JD 225 Excavator	2
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Could not run AB trucks today due to ribbon cutting ceremony at Lennar site and protestors not allowing vehicles onto the base, police activity as well.

James Nores 06/26/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/26/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	156 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Cool
PM WEATHER	Windy/Warm
MAX TEMP (F)	63
MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4
05	Harris Blade	Top Gun Street Sweeper	2

Schedule Activity No.	REMARKS

James Nores 06/26/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 6/26/16 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING ; SHAPING & COMPACTING BASE

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT (EYE CONTACT) STRESS, HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JEREMY ALONZO	ERRG	
Fernando Loza	ERRG	
Marlon Rivera	ERRG	
Rodrigo Pulido	ERRG	Rodrigo
Adolfo Madrigal	ERRG	
Raul Rodriguez	ERRG	
Jesse Perez	ERRG	
Brian Perry	ERRG	
Roberto Aguilar	ERRG	
Sam Espinosa	ESP	
Rodolfo Martinez	ERRG	
Jake Babst	ERRG	
Spencer Johnson	ERRG	
Ray Bailey	ERRG	
Juan Lopez	ESP	

SUPERVISOR Richard Eide

SIGNATURE

SUPERINTENDENT James Jones

SIGNATURE

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING
#13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	6/26/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	6/26/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	JEREMY AGUIAR	[signature]	6-26-13 0700
	FERNANDO LOZA	[signature]	6-26-13 0700
	Rodrigo Pulido	Rodrigo	6-26-13 07:00
	Marlon Rivera	[signature]	6-26-13 0700
	Adolfo Madrigal	[signature]	6-26-13 0700
	Paul Rodriguez	[signature]	6-26-13 07000
	Josh Pece	[signature]	
	Brian Kerr	[signature]	6-26-13 0700
	Roberto Aguilera	[signature]	6-26-13 07:00
	ENRIQUE MARTINEZ	[signature]	6-26-13 0700
	Mike Babst	[signature]	6-26-13 0700
	Spencer Johnson	[signature]	6/26/13 0700
	King Bailey	[signature]	6-26-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	6/26/13
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:

CLEARED AWAY POWER-POLES, ETC FROM NORTH OF BLDG. 117 & RELOCATED.

CLEANING UP BASE MATERIAL AT BASE OF RIPRAP.

WATERING + ROLLING BASE MATERIAL FOR COMPACTION.

SURVEYORS ON SITE, COMPLETED SLOPE GRADE CHECKING

EQUIPMENT: BACKHOE, 2 SKIP LOADERS, 2 ROLLERS, 2 WATER TRUCKS, 2 KUBOTAS

Signed: [signature] Date: 6/26/13

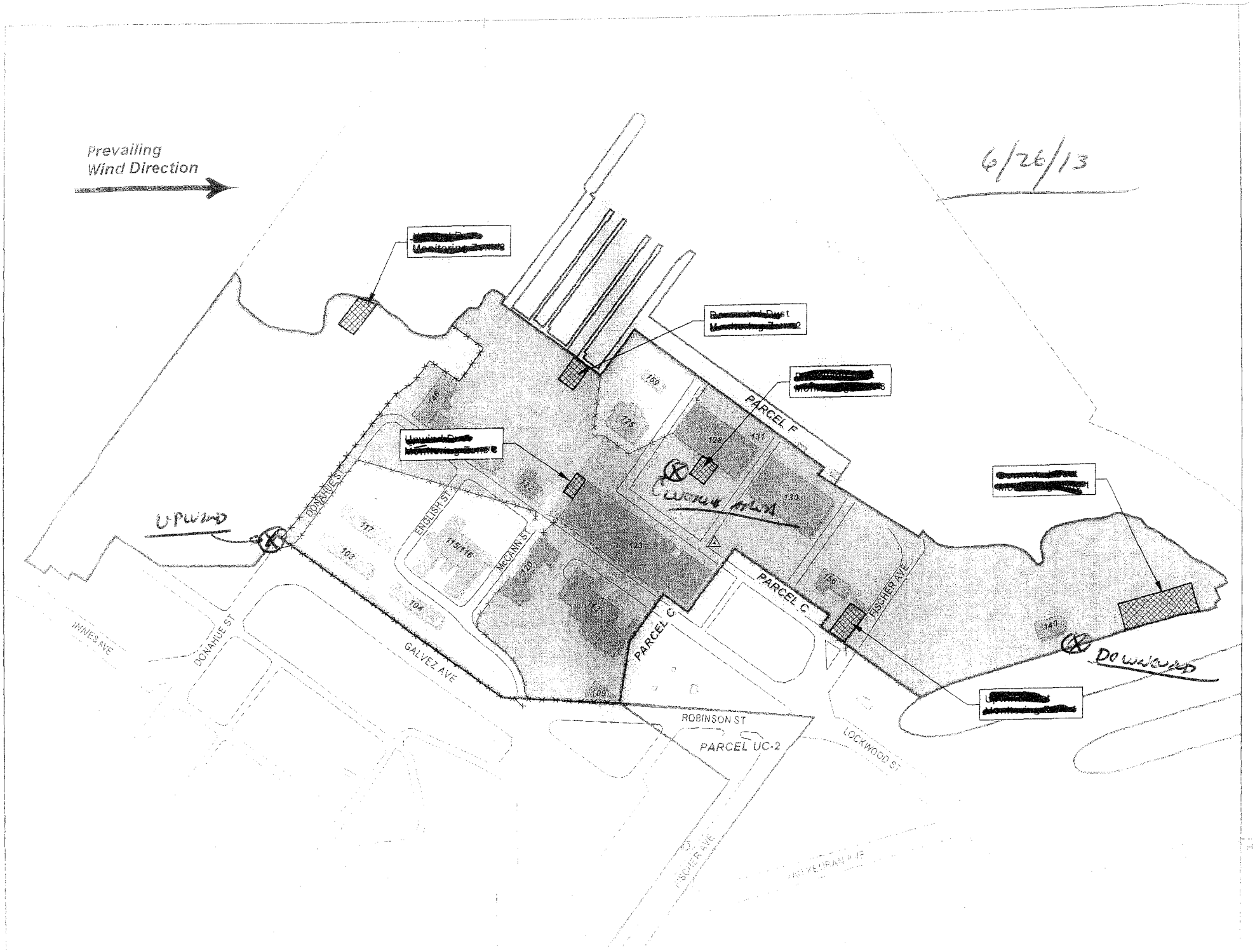
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
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	6/26/13	0737	0.000	0.000	CALM - LIGHT WIND
Motor # 1161		0841	0.000	0.000	
		0938	0.000	0.000	
		1041	0.000	0.000	
		1150	0.000	0.000	
		1334	0.000	0.000	
		1454	0.000	0.000	
WORK AREA / Power Pole	6/26/13	0741	0.000	0.000	
E & Bldg 125 / # 1008		0842	0.000	0.000	
		0943	0.000	0.000	
		1045	0.000	0.000	
		1153	0.000	0.000	
		1338	0.000	0.000	
		1457	0.000	0.000	
DOWNWIND / Pennsylvania	6/26/13	0744	0.000	0.000	
DD #3 / # 10973		0844	0.000	0.000	
		0946	0.000	0.000	
		1047	0.000	0.000	
		1155	0.000	0.000	
		1340	0.000	0.000	
		1501	0.000	0.000	



Prevailing
Wind Direction
6/26/13
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
117
103
104
115/116
120
122
123
113
109
146
125
128
131
130
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/26/13

REPORT NO 156

PHASE | CONTRACT NO N62473-09-D-2608 | CONTRACT TITLE RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
04	ESP continued the as-built survey of the completed soil cover.
05	Continued fine grading of the aggregate base course placed between Building 121 and Building 117 using a motor grader equipped with a GPS-
	guided blade, and compacted the base course using a smooth-drum roller. Placed aggregate base course adjacent to the crest of revetment
	east of Building 130. Continued hand installation of aggregate base course adjacent to the exterior walls of Building 115/116, Building 121,
	Building 123, Building 128, and Building 130.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Performed nuclear gauge density/moisture testing and sand cone compaction testing of the aggregate base course, between Building 156 and
	Dry Dock 3.

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
05	The main entrance to HPNS at Donahue St & Innes Ave was blocked by protesters. ERRG could not import AB material due to the protesters
	preventing truck access to HPNS.

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 — 06/26/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/26/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**	**X**			See attached nuclear gauge density/moisture test report

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**	**X**			See attached sand cone test report
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration					

QC Manager: Spencer Slominski	Date: 06/26/13

ERRG
Engineering/Remediation Resources Group, Inc.
4585 Pacheco Blvd., Suite 200
Martinez, CA 94553
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.: SC-02
Page 1 of 1

SOILS TESTING SAND CONE DENSITY FIELD TEST REPORT

Date/Time	Job No.	Project/Location		Apparatus No.
6-26-13	2012-037	HPNS		10514
Inspector	Project Engineer	Other		
F. LOZA	SPENCER S.			
Curve No.	ρ_m = Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
8	124.9		8.0%	ROLLER
Specified % Compaction	Specified % Water		Lab Test Method	Deviations, Errata
95%			ASTM D-1556 - 90 ASTM D-2216	

ρ_1 = Bulk Density of Density Sand 96.6 (lb/cf)
Date of Last Density Sand Calib. (6-26-13)

M_1 = Mass of Sand to fill Cone & Plate 4.02 (lb)
(As tested on a clean, level, plane surface with matching apparatus and base plate)

		Sand Cone Apparatus			Excavated Soil		See Below			
Test No.	Grid/ Loc.	Initial Mass of Apparatus (lb)	Final Mass of Apparatus (lb)	M_2 = Δ Mass of Apparatus (lb)	$V = (M_2 - M_1)/\rho_1$ (ft^3)	M_3 = *Wet* Mass of Soil Excavated (lb)	w = Moisture Content of Soil (%)	$M_4 = M_3/(w + 100)$	ρ_4 = Dry Density = (M_4/V)	% Rel. Comp = $100\rho_4/\rho_m$
25		15.740	4.971	10.769	0.06987	9.280	5.5	8.796	125.9	101%
31		15.115	5.460	9.655	0.05833	8.090	5.0	7.705	132.1	106%

				Moisture Content Determination by ASTM D-2216					
Test No.	Retest	Location	Elevation	M_5 = Wet Mass of Soil	M_6 = Dried Mass of Soil	M_7 = Dried Mass of Soil	M_8 = Dried Mass of Soil	$W = M_5 - M_8$	w (%) = $100(W/M_8)$
25		(Sample ID: AB-SC-1)		4194 g			3976 g	218 g	5.5
31		(Sample ID: AB-SC-2)		3659 g			3486 g	173 g	5.0

Remarks:

Inspector: F. LOZA

Reviewed:

ERRG
[illegible] Resources Group, Inc.
[illegible] Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No. _____
Page _____ of _____

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

Date/Time	Job No.	Project/Location	Source Material	Gauge No. CPN MC3
6-26-13	2012-037	HPNS	Am-241 / Cs-137	Density Std. 35819
Inspector	Project Engineer	Other		Moisture Std
F. LOZA	SPENCER S			7886

Curve No.	Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
8	124.9		8.0	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
25		3"	132.1	13.4	118.7	11.28	95%		
26		3	133.2	12.9	120.3	11.07	96%		
27		3	131.9	13.6	118.3	12.03	95%		
28			130.9	12.3	118.6	11.71	95%		
29			132.7	13.7	119.0	12.15	95%		
30			131.7	13.1	118.6	11.29	95%		
31			137.0	14.5	122.5	11.80	98%		
32			132.5	13.8	118.7	12.0	95%		
33			132.2	13.1	119.1	11.54	95%		
34			130.8	12.7	118.8	11.01	95%		
35			133.7	13.2	120.5	11.80	96%		
		Average							

Remarks: TEST # 25 SAND CONE (SC-1)
TEST # 31 SAND CONE (SC-2)

Inspector: _____ Reviewed: _____

ERRG
Environmental Resources Group, Inc.
[illegible] Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.
Page ____ of ____

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

Date/Time	Job No.	Project/Location	Source Material	Gauge No. CDN MC3
6-26-13	2012 037	HPNS	Am-241 / Cs-137	Density Std. 35819
Inspector	Project Engineer	Other		Moisture Std
F. LOZA	SPENCER S.			7886

Curve No	Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
8	124.9			ROLLER

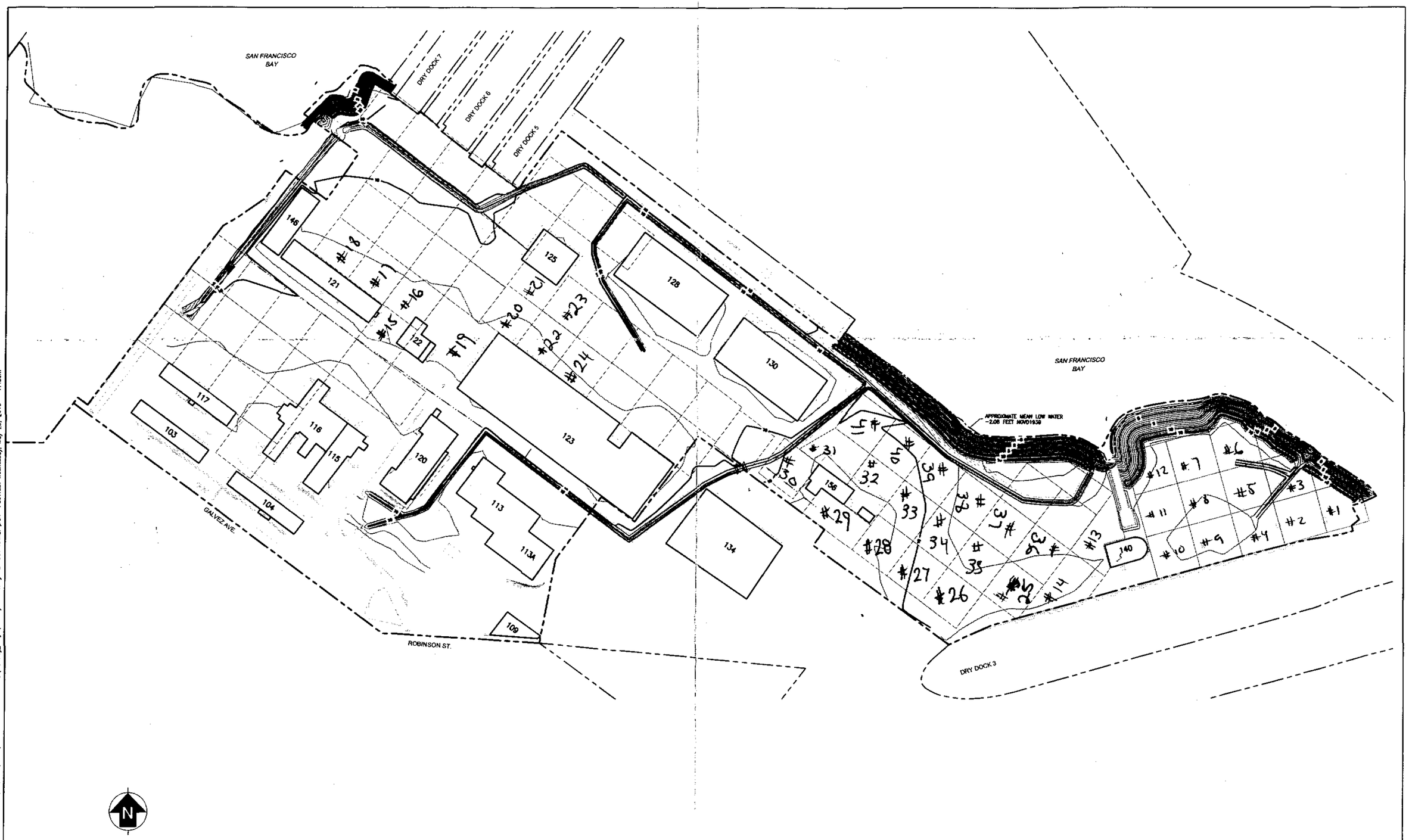
Specified % Compaction	Specified % Water	Lab Test Method	Field Test Method
95%	+ / −	ASTM D-1557	ASTM D-2922 ASTM D-3017

Gauge Readings

Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
36		3"	130.8	12.8	118.1	10.93	95%		
37		3"	134.5	15.2	119.3	13.19	96%		
38		3"	133.0	14.8	118.2	12.52	95%		
39		3"	132.8	14.5	118.3	12.33	95%		
40		3"	132.3	13.4	118.9	11.50	95%		
41		3"	132.6	12.4	120.1	10.36	96%		
42		3"	133.6	12.9	120.7	11.04	96%		
43		3"	131.3	11.3	120.0	9.46	96%		
44		3"	134.9	13.6	121.3	12.14	97%		
45		3"	134.6	12.9	121.7	11.79	97%		
		Average							

Remarks: 44 * RETEST FOR TEST # 4 PASS OK
45 ** RETEST FOR TEST # 5 PASS OK

Inspector: ____ Reviewed: ____



FILE NAME: N:\Graphics\2012\2012-037 HPS Parcel B\Working_Dwgs\Sect-grid-AC.dwg LAYOUT NAME: plan PLOTTED: Wednesday, May 29, 2013 - 7:48am

ERRG Engineering/Remediation Resources Group, Inc. 115 Sansome St., Suite 200 San Francisco, California 94104 (415) 395-9974	CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO WEST	PLAN VIEW SECTION GRID 100X100			
	LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA	DRAWN BY: SC 05/28/13	CHECKED BY: JS 05/28/13	PROJECT NO. 2012-037	FIG NO. 1

Photo 1: Asphalt Cover Installation – Placing aggregate base course adjacent to the crest of the revetment

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 26, 2013

Photo 2: Asphalt Cover Installation – Compacting the aggregate base course placed between Building 123 and Building 128

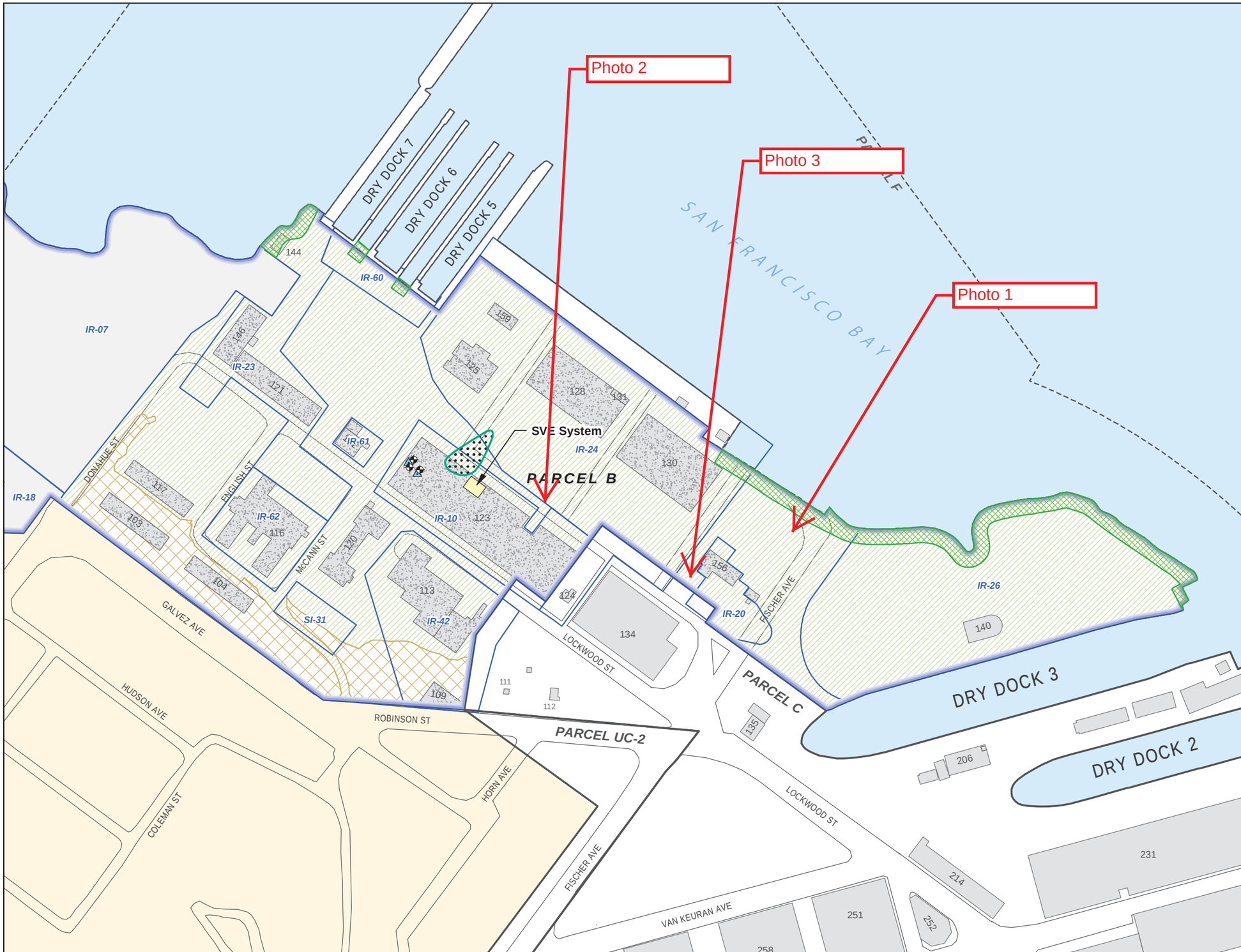
HPNS Parcel B Remedial Action, San Francisco, California

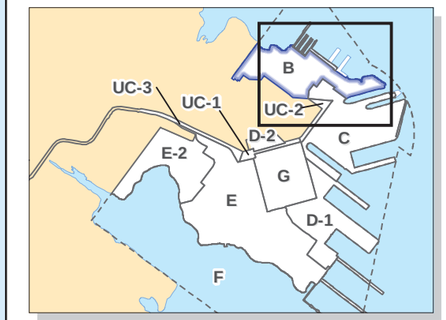
Photographed by: Richard Epp (ERRG, Inc.) Date: June 26, 2013

Photo 3: Asphalt Cover Installation – Performing compaction test on the aggregate base course

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 26, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/27/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	157		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Cool	PM WEATHER	Sunny/Warm
MAX TEMP (F)	74	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	5 trucks looping with AB today from Recology.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Crew working along the revetment edge placing compacting AB along the	ERRG	1	H&S Officer	8
	riprap interface.	ERRG	1	QC Staff	20
		ERRG	3	Equipment Operators	21
05	Continue site grading and compaction north of building 121.	ERRG	6	Laborers	37
		ERRG	1	Truck Drivers	6
		Harris Blade	1	Motor Grader Operator	8

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 120
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 21,191
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 21,311

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		29 loads (694.62 tons) AB imported today

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	0
05	Harris Blade	Cat 14H Motor Grader	0
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	8
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Protestors today at ~1030 making it impossible to run trucks today. Shut down trucking operations due to inability to access site- Notified the ERRG Project Manager and the
	Navy CSO.

James Nores 06/27/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/27/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	157 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	74
MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4

Schedule Activity No.	REMARKS

James Nores 06/27/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 6/27/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, IMPORT BASE, INSTALL & COMPACT BASE, DRAINING

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRUCK TRAFFIC, STAF, HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Adolfo Madrigal	ERRG	Adolfo M.
David English	Harris	
[illegible]	ERRG	
[illegible] Martinez	ERRG	
Fernando Lara	ERRG	
Marlon Rivera	ERRG	
Rodrigo Pulido	ERRG	Rodrigo
[illegible]	ERRG	
Jeremy Aranda	ERRG	
Brian Berg	ERRG	
Mike Balsch	ERRG	
Spencer Johnson	ERRG	
Ted Huerd	ERRG	
Kim Bailey	ERRG	
Brad Burns	BROOKS ENG.	
[illegible]	D.S. TIRA	
Demar Brits	MONTEE SONTEK	
[illegible]	Dana M. ERRG	
[illegible]		

SUPERVISOR Richard Epp SUPERINTENDENT James Nores

SIGNATURE SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Arturo [illegible]	A-S Inc	[illegible]

SSHO: [redacted] R. [illegible] 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 #: #12 SITE GRADING
#13 BASE INSTALL
~~#15 DAILIES~~

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	6/27/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	6/27/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	6/27/13 0700
Employee(s):	Adolfo Madrigal	Adolfo M.	6-27-13 0700
	David Inglish	[signature]	6-27-13 0700
	Jose Perez	[signature]	6/27/13 0700
	[illegible] MARTINE	[signature]	6-27-13 0700
	Marlon Rivera	[signature]	6-27-13 0700
	Fernando Loza	[signature]	6-27-13 0700
	Rodrigo Pulido	Rodrigo	6-27-13 07:00
	Raul Rodriguez	[signature]	6-27-13 0700
	JEREMY AGUIAR	[signature]	6-27-13 0700
	Brian Kerr	[signature]	6-27-13 0700
	Mike Babyk	[signature]	6-27-13 0700
	Spencer Johnson	[signature]	6/27/13 0700
	Ted Hoagan	[signature]	6-27-13 0715
	Nim Brailin	[signature]	6-27-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	6/27/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	KLEINFELDER - ARANDON COUNCILLY, PATRICIA CANDLEY		

Description of Field Activities:

SITE GRADING ON DONAHUE ST, REMOVED WASHOUT STATION & RUBBLE STRIPS, BACKFILLING

HAULED IN BASE MATERIAL WITH 5 TANDEM DUMP TRUCKS UNTIL FORCED TO STOP BY PICKETS AT APPROXIMATELY 1030.

PLACING & COMPACTING BASE MATERIAL IN LAYDOWN AREA.

PLUGGED DRAIN PIPE ON DONAHUE TO DRY OUT SWALE

WORKING BASE TRANSITION AT RONTMONT.

EQUIPMENT - 2 MOTOR GRADERS, 2 SKIP LOADERS, BACKHOE, END LOADER, WATER TRUCK, 2 KUBOTAS, ROLLER, STREET SWEEPER

Signed: [signature] Date: 6/27/13

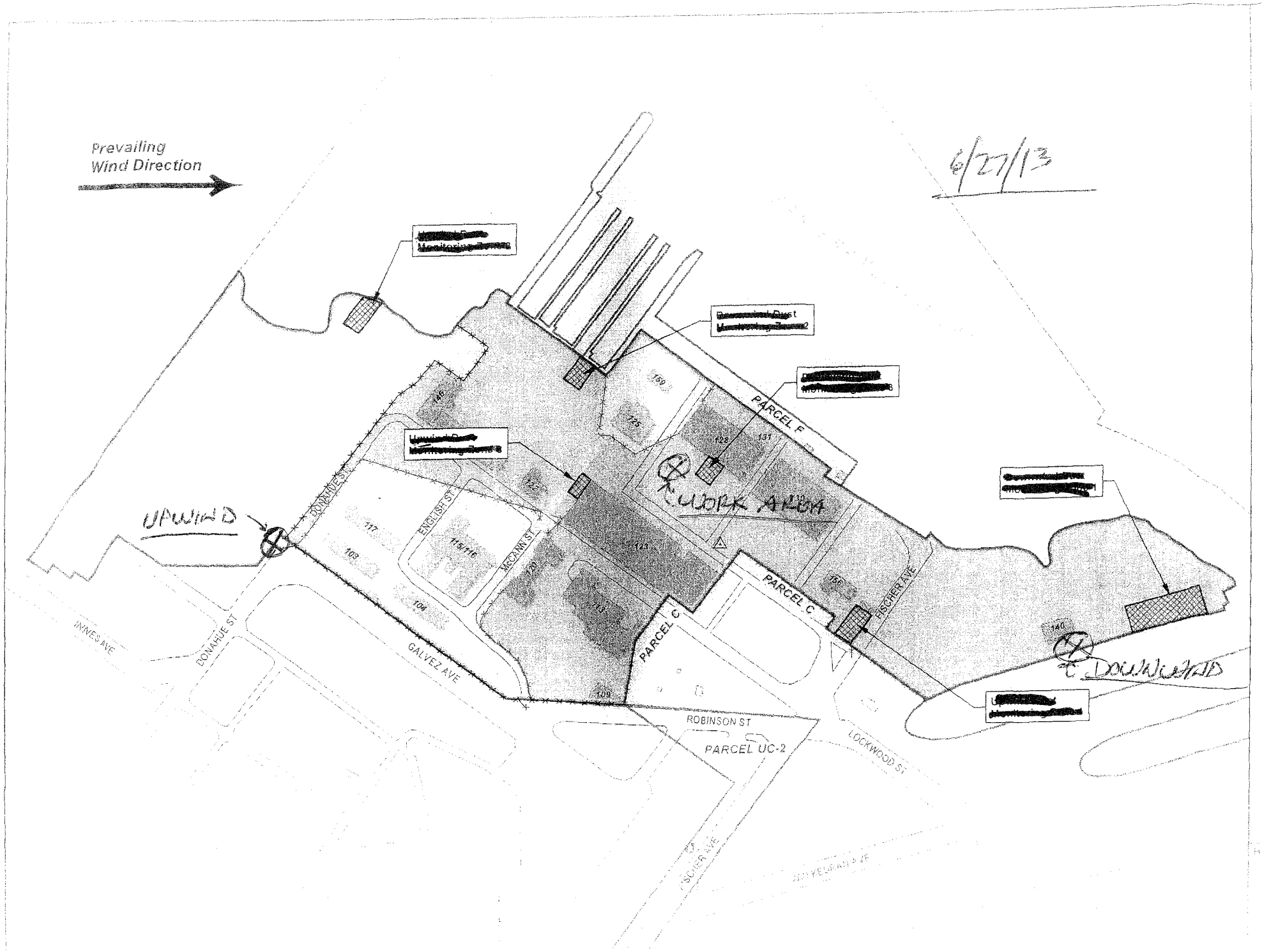
ERRG

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):	6/20/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / Downwind @ Gate	6/27/13	0845	0.020	0.022	
Motor # 1161		0942	0.021	0.020	
		1043	0.020	0.021	
		1129	0.033	0.023	
		1245	0.054	0.032	
		1348	0.046	0.031	
		1450	0.054	0.036	
WORK AREA / Power Pole	6/27/13	0848	0.000	0.000	
East of Bldg 125 / # 1008		0944	0.000	0.000	
		1045	0.000	0.000	
		1130	0.000	0.000	
		1247	0.005	0.000	
		1350	0.000	0.000	
		1452	0.000	0.000	
DOWNWIND / Pumphouse	6/27/13	0851	0.000	0.002	
CDD # 3, # 10973		0946	0.000	0.000	
		1047	0.010	0.001	
		1132	0.000	0.000	
		1249	0.020	0.000	
		1352	0.011	0.000	
		1456	0.000	0.000	



Prevailing
Wind Direction
6/27/13
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
146
159
125
128
131
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/27/13

REPORT NO 157

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
05	Imported and placed aggregate base material in the area between Building 121 and the swale south of Dry Docks 5/6/7.
	Continued fine grading of the aggregate base course placed between Building 121 and the swale south of Dry Docks 5/6/7 using a motor grader
	equipped with a GPS-guided blade, and compacted the base course using a smooth-drum roller. Continued placing and compacting aggregate
	base course along the edge of the revetment.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
05	The main entrance to HPNS at Donahue St & Innes Ave was blocked by protesters, starting at approximately 10:30 am. ERRG stopped
	importing AB material and notified Navy CSO.

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 — 06/27/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 06/27/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration					

QC Manager: Spencer Slominski	Date: 06/27/13

Photo 1: Asphalt Cover Installation – Placing aggregate base course between Building 121 and Dry Docks 5/6/7

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 27, 2013

Photo 2: Asphalt Cover Installation – Grading the aggregate base course between Building 121 and Dry Docks 5/6/7

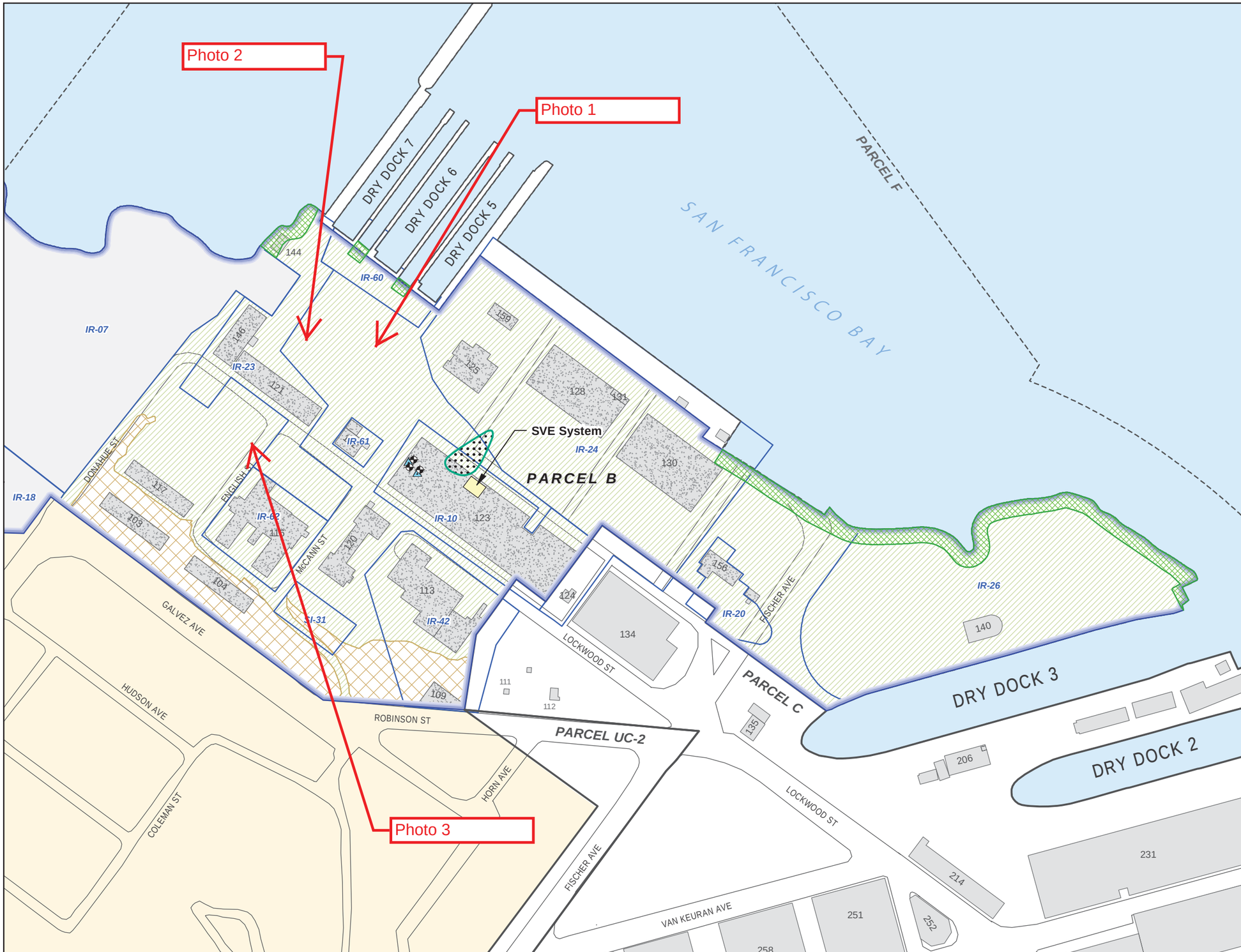
HPNS Parcel B Remedial Action, San Francisco, California

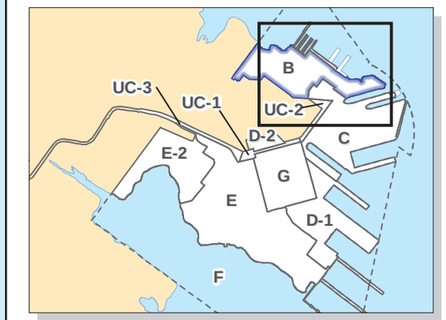
Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 27, 2013

Photo 3: Asphalt Cover Installation – Aggregate base course installed between Building 121 and Building 116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 27, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 06/28/13	REPORT NO: 158
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Sunny/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 79	MIN TEMP (F): 63

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	4
05	6 trucks looping with AB today from Recology.	ERRG	1	Project Manager	4
		ERRG	1	QC Manager	10
05	Crew working along the revetment edge placing compacting AB along the	ERRG	1	H&S Officer	8
	riprap interface.	ERRG	1	QC Staff	20
		ERRG	4	Equipment Operators	30
05	Continue site grading and compaction north of building 117, at the outfall near	ERRG	5	Laborers	34
	sub pens, north of building 125 and east west swale north and west of building	ERRG	1	Truck Drivers	16
	125.	Harris Blade	1	Motor Grader Operator	8

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 144
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 21,311
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 21,455

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		65 loads (1560.09 tons) AB imported today

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	8
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Lennar broke a 2" water line on their site today and flooded the street at Donahue and Galvez water came through the drainage pipe on McCann and went down the swale
	behind building 123 making the swale too wet to work and place AB.
05	ERRG QC Staff and Navy ROICC/CSO staff inspected the foundation/floor repairs in the occupied buildings (104,117 115/116 and 125).

James Nores 06/28/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	06/28/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	158 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	79
MIN TEMP (F)	63

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4

Schedule Activity No.	REMARKS

James Nores 06/28/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 6/28/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, IMPORT BASE, PLACE + COMPACT BASE

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCKS, EQUIPMENT, SUN, HYDRATION

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JEREMY ALWAR	ERRG	
Adolfo Madrigal	ERRG	Adolfo M.
David Imbish	Harris	
Manuel Rivera	(illegible)	
F. LOZA	ERRG	
Josh Day	ERRG	
Paul Rodriguez	ERRG	
Brian Kent	ERRG	
Lakeside Manatiner	ERRG	
Gene Stanzi	ERRG	
Mike Babst	ERRG	
Rodrigo Pulido	ERRG	Rodrigo
Greg Bailey	ERRG	
Demond Brooks	MONROE SON TEK	Demond Brooks
DALJIT SAGGU	DS	
HARINDER KALOTI	BARONE	
Ramesh Singh	BARON	
[illegible]	ERRG	

SUPERINTENDENT James Noyes

SIGNATURE

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
ANTAR Singh	A.S. [illegible]	[signature]
Michael Wiegman	ERRG	[signature]
Spencer Johnson	[illegible]	[signature]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING
13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		6/28/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		6/28/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		6/28/13 0700
Employee(s):	JEREMY AGUIAR		6-28-13 0700
	Adolfo Madrigal	Adolfo M.	6-28-13 0700
	Marlon Rivera		6-28-13 0700
	David English		6-28-13 0700
	F. LOZA		6-28-13 0700
	Josh Par		6/28/13 0700
	Rodriguez		6/28/13 0700
	Brian Kerr		6/28/13 0700
	Enrique MARTINEZ		6-28-13 0700
	Rodrigo Pelaez	Rodrigo	6-28-13 0700
	Mike Babst		6-28-13 0700
	[illegible]		6-29-13 0700
	Spencer Johnson		6/29/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	6/28/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	USN - Peter Stroganoff, Doug De Long, Shirley Ng		

Description of Field Activities:

HAND WORK ALONG REVETMENT TO BLEND BASE TO ROCKS.

IMPORT BASE MATERIAL WITH 6 TANDEM BOTTOM DUMP TRUCKS AND ONE TRANSFER DUMP TRUCK.

PLACING & COMPACTING BASE NORTH OF BLDG. 117, AT OUTFALL NEAR SUB PONS, NORTH OF BLDG 125 AND EAST WEST SWALE NORTH AND WEST OF BLDG 125.

EQUIPMENT - 2 MOTOR GRADERS, ROLLER, 2 WATER TRUCKS, SKIP LOADER, END LOADER, 2 KUBOTAS, STREET SWEEPER

Signed: [signature] Date: 6/28/13

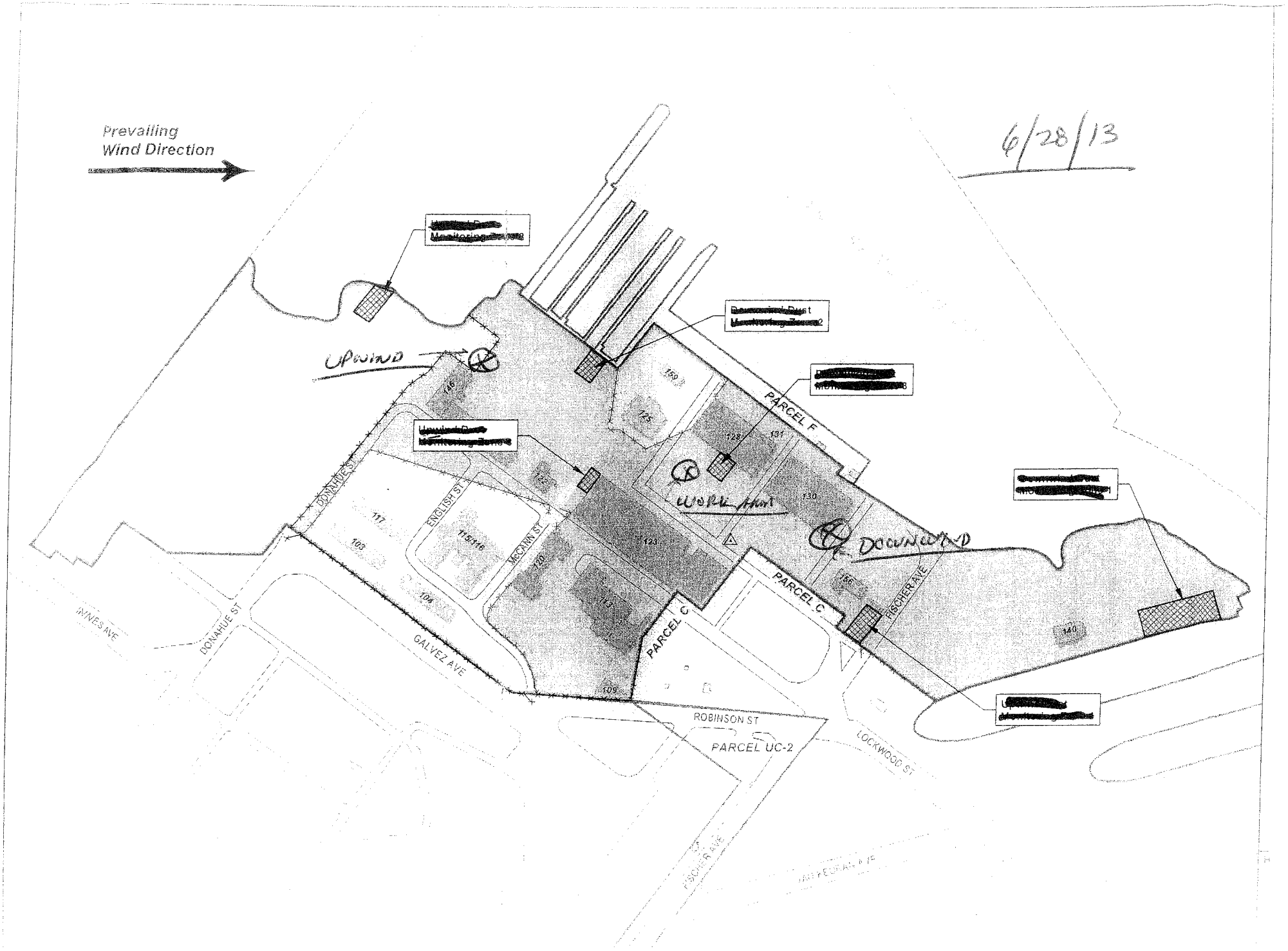
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND/ LAYDOWN FORCE # 1161	6/28/13	0810	0.026	0.030	
		0858	0.055	0.048	
		1005	0.041	0.043	
		1107	0.043	0.042	
		1254	0.062	0.061	
		1440	0.062	0.078	
WORK AREA/ ~~[illegible]~~ [illegible] DIST OF AQ 125 ~~[illegible]~~ / #1008	6/28/13	0815	0.000	0.000	
		0900	0.000	0.000	
		1007	0.000	0.000	
		1108	0.000	0.000	
		1256	0.000	0.000	
		1445	0.000	0.000	
DOWNWIND/ SE COMM. AREA 130 / 10973	6/28/13	0819	0.000	0.000	
		0901	0.000	0.000	
		1009	0.000	0.000	
		1109	0.000	0.000	
		1257	0.000	0.000	
		1450	0.000	0.000	



Prevailing
Wind Direction
6/28/13
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
146
159
125
128
131
130
122
117
103
115/116
120
123
104
113
109
156
140

ERRG

DAILY HEAVY EQUIPMENT INS[redacted] CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW 11077

Project Number / Name: HPNS **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	5-17-13 638 FL			6-18-13 06392			6-19-13 640.9 FL			6-20-13 640.9 FL						Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓						
Tracks			✓			✓			✓			✓				
Steps and handgrips	✓			✓			✓			✓						
Guards on moving parts?	✓			✓			✓			✓						
Engine belts and hoses	✓			✓			✓			✓						
Fluid levels acceptable?	✓			✓			✓			✓						
Loading/lifting capacity marked?			✓			✓			✓			✓				
Seat belt operative?	✓			✓			✓			✓						
Fire extinguisher present?	✓			✓			✓			✓						
Windows and mirrors unbroken?			✓			✓			✓			✓				
Gauges operative?	✓			✓			✓			✓						
Battery charged?	✓			✓			✓			✓						
Windshield wipers operative?			✓			✓			✓			✓				
Horn operative?	✓			✓			✓			✓						
Back up alarm operative?			✓			✓			✓			✓				
Lights and signals operative?	✓			✓			✓			✓						
Steering and other controls	✓			✓			✓			✓						
Brakes	✓			✓			✓			✓						

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW11077

Project Number / Name: _____ **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
				6-25-13 0644.3			6-26-13 0645.0			6-27-13 0645.9			6-28-13 0646.9			
	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: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: HANS KUBOTA **Identification Number:** TW11087

Project Number / Name: HANS. PARCEL B **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects																
Inspected By (Initials) And Date:	6-24-13 1013.6			6/25/13 1014.4			6/26/13 1015.1			6/27/13 1016.1			6/28/13 1020.3			**Defect(s):**
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓	✓		✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?	✓					✓			✓			✓			✓	
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?	✓			✓			✓			✓			✓			
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?	✓			✓			✓			✓			✓			
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?		✓			✓			✓			✓			✓		
Lights and signals operative?	✓			✓			✓			✓			✓			
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Explain corrective actions taken: 6/28 – LT REAR TIRE NEEDED AIR.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Skiploader John Deere 210 **Identification Number:** FC6X94

Project Number / Name: HP 037 **Rental** ☐ **ERRG** ☑

Heavy Equipment Defects

Inspected By (Initials) And Date:	A.M. 6-24-13 HR. 1691.2			A.M. 6-25-13 HR. 1695.5			A.M. 6-26-13 HR. 1699.8			A.M. 6-27-13 HR. 1705.4			A.M. 6-28-13 HR. 1710.7			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: _____

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 06/28/13

REPORT NO 158

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	Performed pre-final inspections of the building foundation repairs inside Building 104, Building 116, Building 117, Building 125, and Building 128.
	Pre-final inspections attended by Navy ROICC, Navy CSO, and ERRG QCM.
05	Continued rough grading of the swale south of Dry Docks 5/6/7. Imported and placed aggregate base material in the area between
	Building 121 and Dry Docks 5/6/7. Continued fine grading of the aggregate base course placed between Building 121 and Dry Docks 5/6/7
	and northeast of Building 128, using amotor graderequipped with a GPS-guided blade; compacted the base course using a smooth-drum roller.
	Continued placing and compacting aggregate base course along the edge of the revetment.
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
05	Construction activity at Parcel A caused a water line break on Parcel A. Runoff from the broken water line drained onto Parcel B and flowed
	into the swale southwest of Building 123, preventing placement of aggregate base in the swale until the subgrade dries out.

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 — 06/28/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 104
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 104 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 104 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6/28/13

ROICC Representative: _____ Date: 28 Jun 2013

ERRG QC Manager: _____ Date: 6/28/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 116
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 116 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 116 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6/28/13

ROICC Representative: _____ Date: 28 JUN 2013

ERRG QC Manager: _____ Date: 6/28/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 117
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 117 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 117 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6/29/17

ROICC Representative: _____ Date: 28 Nov 2013

ERRG QC Manager: _____ Date: 6/28/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 125
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 125 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 125 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6/28/13

ROICC Representative: _____ Date: 28 JUN 2013

ERRG QC Manager: _____ Date: 6/28/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 128
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 128 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 128 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 6/28/13

ROICC Representative: _____ Date: 28 JUN 2013

ERRG QC Manager: _____ Date: 6/28/13

cc: ERRG Project File

Asphalt Cover Installation

Date: 06/28/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 06/28/13

Photo 1: Asphalt Cover Installation – Placing aggregate base course between Building 121 and Dry Docks 5/6/7

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 28, 2013

Photo 2: Asphalt Cover Installation – Fine grading of the aggregate base course placed east of Building 128

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: June 28, 2013

Photo 3: Asphalt Cover Installation – Placing aggregate base course in the swale between Building 125 and Building 128

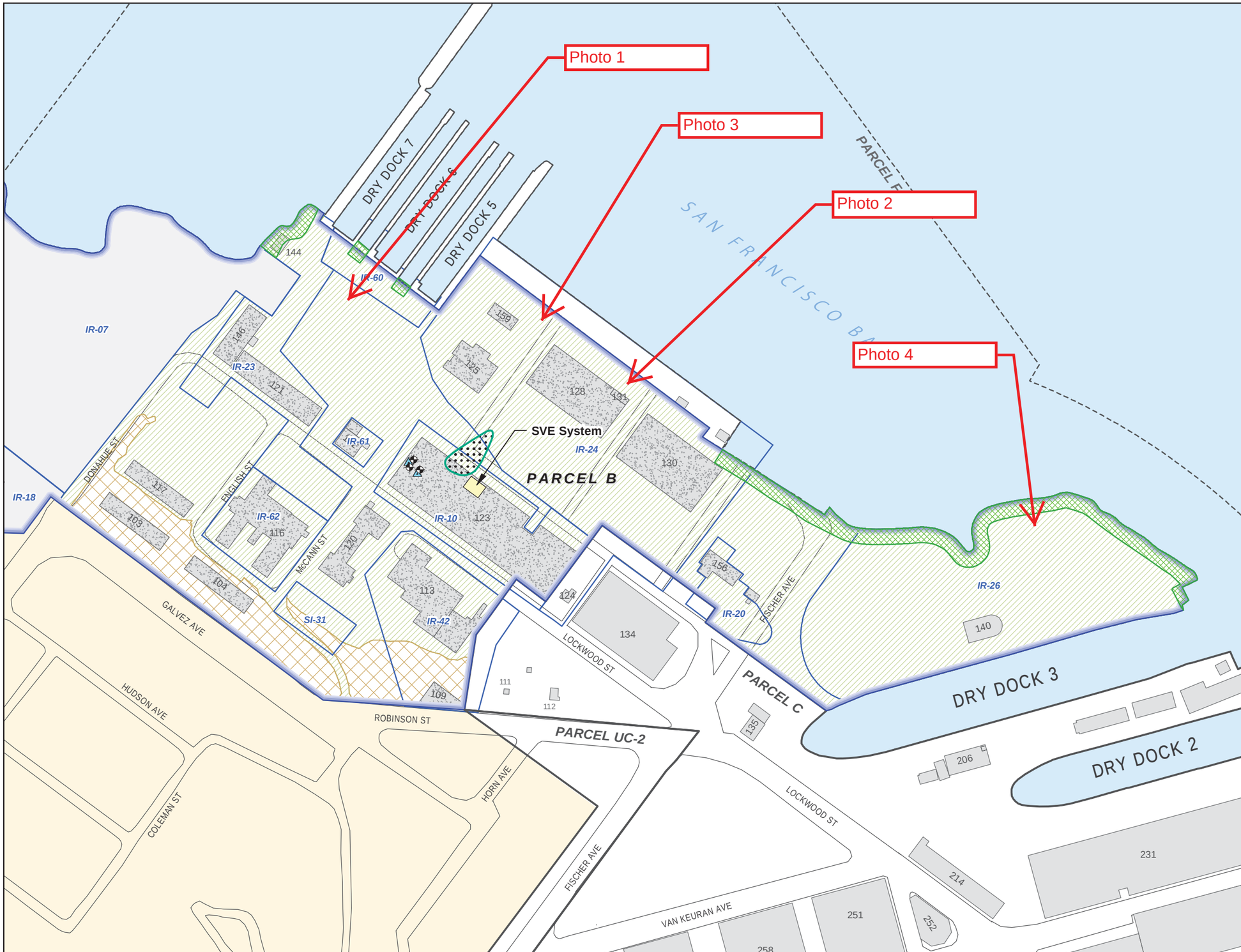
HPNS Parcel B Remedial Action, San Francisco, California

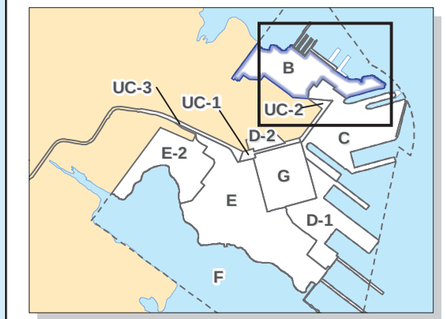
Photographed by: Richard Epp (ERRG, Inc.) Date: June 28, 2013

Photo 4: Asphalt Cover Installation – Placing aggregate base course along the edge of the revetment

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: June 28, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/01/13	REPORT NO: 159
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Sunny/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 70	MIN TEMP (F): 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
05	5 trucks looping with AB today from Recology.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	10
05	Hand crew blending and compacting AB into rip rap interface at the point east	ERRG	1	H&S Officer	8
	pump house and west of DD#3	ERRG	2	QC Staff	20
		ERRG	4	Equipment Operators	30
05	Placing and compacting AB around bldg 125 and north of building 117.	ERRG	6	Laborers	35
		ERRG	2	Truck Drivers	11
06	SVE tech on site performing system start-up and testing	ERRG	1	SVE Tech	8
		Harris Blade	1	Motor Grader Operator	8

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: 146
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: 21,455
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 21,601
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		57 loads (1371.64 tons) AB imported today

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	8
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Street sweeper on haul route all day, one laborer posted up at Recology checking each load of import for tarps and making sure no spilled AB on decks or rails prior to entering public streets en route to site.

James Nores 07/01/13

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	159 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	70
MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4

Schedule Activity No.	REMARKS

James Nores 07/01/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/1/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, BIKE PATHS, PLACING & COMPACTING

SAFETY TOPICS PRESENTED

SAFETY TOPICS HEAT STRESS & HYDRATION, TRUCKS, EQUIPMENT

PROTECTIVE CLOTHING/**EQUIPMENT** Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Brian Iler	ERRG	
David Ingish	Harris	
Paul Rodriguez	ERRG	
Josh Perez	ERRG	
Jeremy Hawkins	ERRG	
Rodrigo Pulido	ERRG	
Enrique Martinez	ERRG	
Adalio Madrigal	ERRG	
Marlon Rivera	ERRG	
F. Loza	ERRG	
Mike Babat	ERRG	
Spencer Johnson	ERRG	
Alex Bailey	ERRG	
Demond Bailey	Monroe Jon Trk	
Gregory Brooks	Jhon Trk	
Arthur Smith	A.S. Trucking	
Dalvit Singh	DS Trucking	
Jashwinder Toor	Toor Trucking	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Spencer Slamski	ERRG	[signature]
JEAN SOURAL	ERRG	[signature]

SS NO: [redacted] R. EPP SUPERINTENDENT: James Nores

SIGNATURE: SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 12 SITE GRADING
13 BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	7/1/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	7/1/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	7/1/13 0700
Employee(s):	Brian Kerr	[signature]	7/1/13 @0700
	Paul Rodriguez	[signature]	7/1/13 @0700
	David English	[signature]	7-1-13 0700
	Josh Pell	[signature]	7/1/13 0700
	JEREMY AGUIAR	[signature]	7-1-13 0700
	Rodrigo Pulido	Rodrigo	7-1-13 0700
	ENRIQUE MARTINEZ	[signature]	7-1-13 0700
	Adolfo Madrigal	Adolfo M.	7-1-13 0700
	Marlon Rivera	[signature]	7-1-13 0700
	F. LOZA	[signature]	7-1-13 0700
	Mike Babst	[signature]	7-1-13 0700
	Spencer Johnson	[signature]	7/1/13 0700
	King Bailey	[signature]	7-1-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	7/1/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	KLEINFELDER - SHANNON MACKENZIE, MICHAEL LIVINGSTON		

Description of Field Activities:

SITE GRADING, FILLING IN DEPRESSIONS / HOLES

GROUND CROW BLENDING ABOVE INTO RIPRAP AT POINT AREA, BEHIND (WEST) OF DD #3 PUMPHOUSE.

IMPORTING BASE MATERIAL WITH 4 TENDUM BOTTOM DUMP TRUCKS & 1 TRANSFER DUMP TRUCK.

PLACING OF COMPACTING BASE AROUND BLDG 125 AREA AND NORTH OF BLDG 117.

STARTUP OF SVE SYSTEM. SOUND LEVEL NEXT TO MACHINE WAS MEASURED AT 93 dBA, ALL PERSONNEL WEARING HEARING PROTECTION WHEN IN THE VICINITY OF THE VACUUM PUMP.

EQUIPMENT: 2 MOTOR GRADERS, 2 WATER TRUCKS, END LOADER, 2 SKIP LOADERS, ROLLER, 2 KUBOTAS, STREET SWEEPER

Signed: [signature] Date: 7/1/13

ERRG

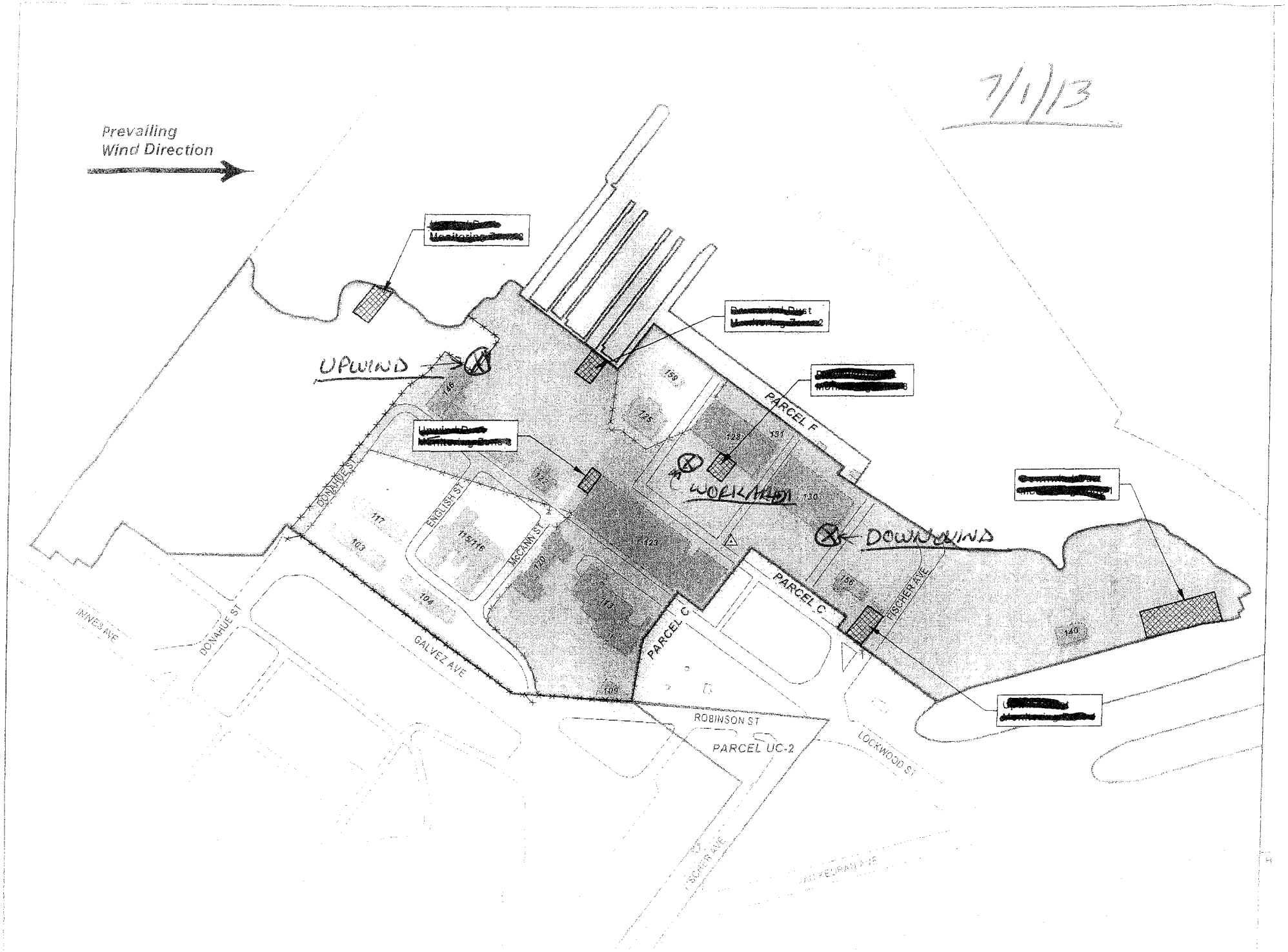
AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	7/1/13 0730	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN FENCE	7/1/13	0747	0.003	0.006	
MOTOR # 1161		0823	0.000	0.000	
		0930	0.002	0.001	
		1034	0.010	0.003	
		1123	0.005	0.003	
		1314	0.037	0.042	
		1400	0.109	0.064	
		1502	0.066	0.071	
WORK AREA / FOLE EXIT	7/1/13	0732	0.000	0.000	
OF BLDG 125 / # 1008		0821	0.016	0.023	
		0931	0.007	0.016	
		1035	0.007	0.014	
		1130	0.003	0.012	
		1315	0.029	0.013	
		1402	0.016	0.013	
		1503	0.041	0.014	
DOWNWIND / SE COR.	7/1/13	0727	0.011	0.010	
BLDG - 130 / # 10973		0860	0.021	0.024	
		0933	0.000	0.009	
		1037	0.000	0.006	
		1133	0.000	0.003	
		1317	0.035	0.100	
		1403	0.000	0.000	
		1505	—	—	DEAD BATTERY

7/1/13



Prevailing
Wind Direction
UPWIND
WORKAREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
AKEDRAN AVE
159
125
128
131
130
146
122
117
103
115/116
120
123
104
113
109
156
140

NAVFAC
Naval Facilities Engineering Command

WORKSHEET FOR
CONTRACTOR SAFETY SELF-EVALUATION

ROICC OFFICE: NAVFAC SW DATE: 6/28/13
CONTRACTOR: ERRG, INC.
CONTRACT TITLE: REMEDIAL ACTION AT PARCEL 13 CONTRACT % COMPLETE: 56%
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?	
FIRE PREVENTION Comments/Notes:	(Yes)	(No)	(N/A)	18) Are fire extinguishers available, fully charged, and easily visible within 75 feet for low hazard areas?	
	(Yes)	(No)	(N/A)	19) Is fuel stored in proper containers?	
	(Yes)	(No)	(N/A)	20) Are hot work permits being obtained?	
	(Yes)	(No)	(N/A)	21) Are fire watches provided?	
	(Yes)	(No)	(N/A)	22) Are gas cylinders stored upright and secured with chain or rope?	
	(Yes)	(No)	(N/A)	23) Other? Extra Credit? MONTHLY EXTINGUISHER INSPECTIONS	
	(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?	

ATEGORY					Date Corrected
ADDER SAFETY	(Yes)	(No)	(N/A)	44) Do ladders extend 3' above landing platform and tied to structure?	
	(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?	
	(Yes)	(No)	(N/A)	54) Has proper slope or trench box/shoring been provided?	
	(Yes)	(No)	(N/A)	55) Is water controlled/removed?	
	(Yes)	(No)	(N/A)	56) Is excavated material at least 2' back from trench edge?	
	(Yes)	(No)	(N/A)	57) Barricaded, etc., to prevent workers and public from falling into trench/hole?	
	(Yes)	(No)	(N/A)	58) In locations of known or suspected contamination, is excavation atmosphere monitored?	
	(Yes)	(No)	(N/A)	59) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	60) Other? Extra Credit?	
ELECTRICAL	(Yes)	(No)	(N/A)	61) Are temporary power panel and receptacles protected from weather?	
	(Yes)	(No)	(N/A)	62) GFI's in use for site tools - applies to existing outlets in renovation projects as well?	
	(Yes)	(No)	(N/A)	63) Temporary lights rigged and secured to supports properly with covers?	
	(Yes)	(No)	(N/A)	64) If overhead power lines in area, are operations maintaining 10' distance or isolation?	
	(Yes)	(No)	(N/A)	65) Is lockout/tagout program in effect?	
	(Yes)	(No)	(N/A)	66) Sketch of proposed temporary power distribution been submitted/accepted before installing?	
	(Yes)	(No)	(N/A)	67) Other? Extra Credit? SIGNAGE FOR OVERHEAD POWER LINES IN PLACE	
	(Yes)	(No)	(N/A)	68) Other? Extra Credit?	
CRANES	(Yes)	(No)	(N/A)	69) Has periodic inspection been performed prior to use on site IAW EM 385-1-1, App. H?	
	(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?	
	(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?	
	(Yes)	(No)	(N/A)	89) Has an employee fall protection system been implemented and in proper use?	
	(Yes)	(No)	(N/A)	90) Are skylights and roof penetrations covered or barricaded appropriately?	
	(Yes)	(No)	(N/A)	91) Has the roof been evaluated for its ability to support the intended construction loads?	
	(Yes)	(No)	(N/A)	92) Has the roof been surveyed for deterioration?	
	(Yes)	(No)	(N/A)	93) Are two fire extinguishers at the kettle?	
	(Yes)	(No)	(N/A)	94) Fuel cylinder a minimum of 10' from open flame?	
	(Yes)	(No)	(N/A)	95) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	96) Other? Extra Credit?	

CATEGORY					Date Corrected:
EQUIPMENT Comments/Notes	(Yes)	(No)	(N/A)	97) Are forklift operators qualified through training at the site (certificate included in Safety Plan)?	
	(Yes)	(No)	(N/A)	98) Mobile equipment equipped with rollover cages and backup alarms with moving parts adequately guarded?	
	(Yes)	(No)	(N/A)	99) Are equipment operations maintaining safe clearance from electrical power lines?	
	(Yes)	(No)	(N/A)	100) Modifications meet safety rating in accordance with manufacturer (i.e., lifting personnel with forklift)?	
	(Yes)	(No)	(N/A)	101) Are safety lashings provided for high pressure hose connections, i.e., air compressors?	
	(Yes)	(No)	(N/A)	102) Are workers clear of blind spots associated with mobile construction equipment?	
	(Yes)	(No)	(N/A)	103) Do aerial lifts have basket/platform with guardrail?	
	(Yes)	(No)	(N/A)	104) Workers not extending over guardrail of aerial lifts?	
	(Yes)	(No)	(N/A)	105) Are articulating boom platforms (JLG type) used with Full Body Harness attached to boom or basket?	
	(Yes)	(No)	(N/A)	106) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	107) Other? Extra Credit?	
DEMOLITION Comments/Notes	(Yes)	(No)	(N/A)	108) Has demolition plan been submitted and accepted?	
	(Yes)	(No)	(N/A)	109) Waste not being dropped > 6' unless in an enclosed chute and area secured from traffic?	
	(Yes)	(No)	(N/A)	113) For building demolition, has notification been made to State having jurisdiction?	
	(Yes)	(No)	(N/A)	114) Are nails removed from scrap lumber/materials?	
	(Yes)	(No)	(N/A)	115) Other? Extra Credit?	
	(Yes)	(No)	(N/A)	116) Other? Extra Credit?	
PPE Comments/Notes	(Yes)	(No)	(N/A)	117) Workers wearing leather shoes (no tennis shoes), long pants and sleeve shirt?	
	(Yes)	(No)	(N/A)	118) Hard hats being worn?	
	(Yes)	(No)	(N/A)	119) Safety glasses where appropriate?	
	(Yes)	(No)	(N/A)	120) Hearing protection where appropriate? (if you need to yell to converse)	
	(Yes)	(No)	(N/A)	121) Respirators where appropriate?	
	(Yes)	(No)	(N/A)	122) Impalement protection provided where personnel could work above vertical impalement?	
	(Yes)	(No)	(N/A)	123) Is lighting adequate?	
	(Yes)	(No)	(N/A)	124) Other? Extra Credit?	
ABATEMENT Comments/Notes	(Yes)	(No)	(N/A)	125) Has abatement plan been submitted and accepted?	
	(Yes)	(No)	(N/A)	126) Is independent air monitoring being performed as required inside and outside barriers?	
	(Yes)	(No)	(N/A)	127) Is containment in place without integrity compromise?	
	(Yes)	(No)	(N/A)	128) Are employees utilizing appropriate PPE?	
	(Yes)	(No)	(N/A)	129) If negative air is used, are fans used continuously and monitored for pressure differential?	
	(Yes)	(No)	(N/A)	130) Has baseline been performed and necessary final clearance readings taken?	
	(Yes)	(No)	(N/A)	131) Are inspections by independent PQP performed prior to barrier removal?	
	(Yes)	(No)	(N/A)	132) Is waste material properly containerized and stored?	
	(Yes)	(No)	(N/A)	133) Are air monitoring results provided to ROICC?	
	(Yes)	(No)	(N/A)	134) Are waste shipment records provided to ROICC?	
	(Yes)	(No)	(N/A)	135) Other? Extra Credit?	
WATERFRONT ACTIVITIES Comments/Notes	(Yes)	(No)	(N/A)	136) Are employees wearing appropriate flotation devices (PFDs)?	
	(Yes)	(No)	(N/A)	137) Is a space rescue skiff available?	
	(Yes)	(No)	(N/A)	138) Are emergency life rings available?	
	(Yes)	(No)	(N/A)	139) If diving operations are taking place, has a dive plan been submitted and accepted?	
	(Yes)	(No)	(N/A)	140) Does dive team consist of proper number and qualifications for employees?	
	(Yes)	(No)	(N/A)	141) Other? Extra Credit?	

SCORING: Total applicable for each category = X (where X includes responses for category of "Yes" and "No" but does not include N/A)

Total with "Yes" responses for each category = Y

SCORE FOR EACH CATEGORY SCORE RATE EQUATION = Y / X

1 PREPARATORY PHASE:	1	6 LADDER SAFETY:	1	11 ROOFING:	—
2 OFFICE TRAILER GENERAL	1	7 EXCAVATIONS:	—	12 EQUIPMENT:	1
3 FIRE PREVENTION:	1	8 ELECTRICAL:	1	13 DEMOLITION:	1
4 SCAFFOLD SAFETY:	—	9 CRANES:	—	14 PPE:	1
5 FALL PROTECTION:	—	10 CONFINED SPACES	—	15 ABATEMENT:	1
				16 WATERFRONT ACTIVITIES:	1

OVERALL RATING = LOWEST RATING FOR ANY CATEGORY: 1

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/01/13

REPORT NO 159

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
05	Imported and placed aggregate base material in the area northeast of Building 117 and the area north of Building 125. Continued fine grading
	of the aggregate base course in the area northeast of Building 117 and the area north of Building 125. Continued placing and compacting
	aggregate base course along the edge of the revetment east of Dry Dock 3.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
06	Turned on the SVE system and began performing step tests at each well to optimize system operation.

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 — 07/01/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/01/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/01/13

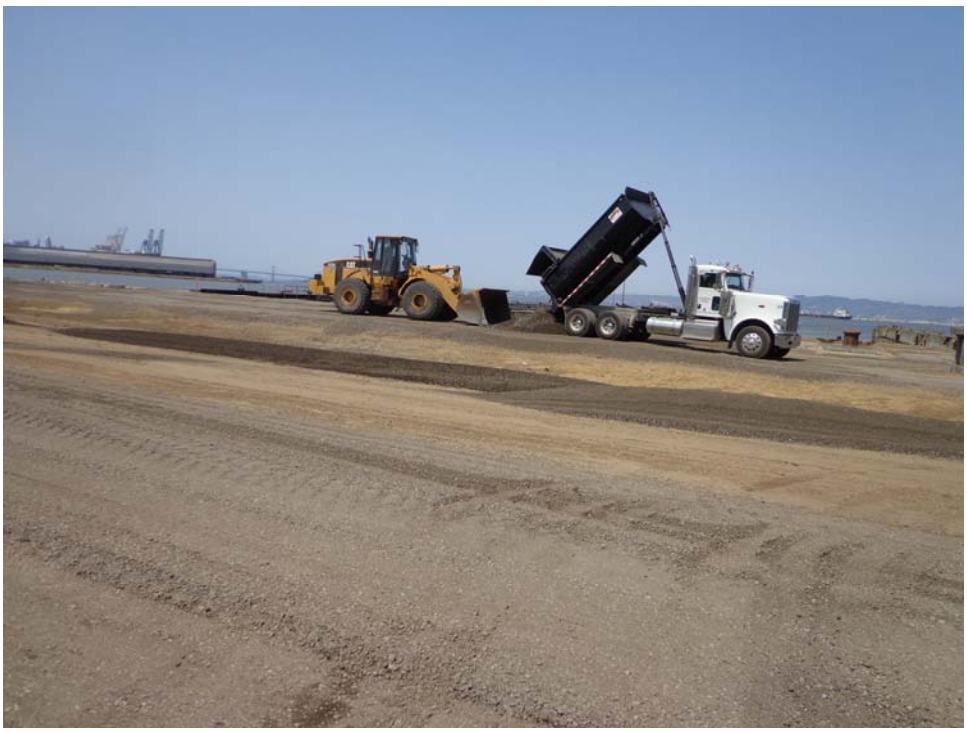


Photo 1: Asphalt Cover Installation – Placing aggregate base course southwest of Dry Docks 5/6/7

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 1, 2013

Photo 2: Asphalt Cover Installation – Fine grading of the aggregate base course between Building 117 and Building 121

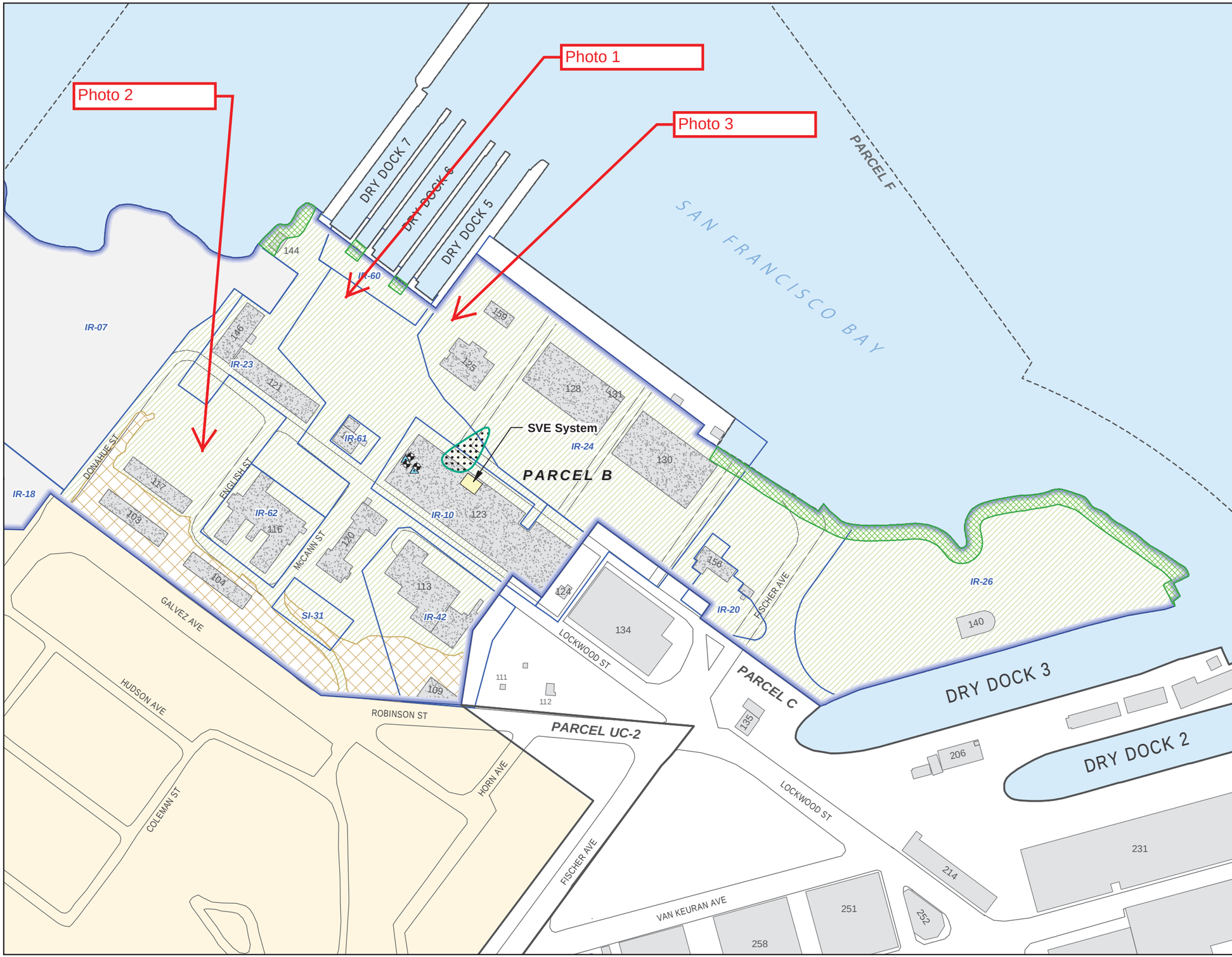
HPNS Parcel B Remedial Action, San Francisco, California

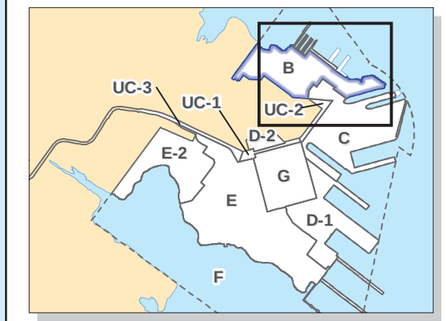
Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 1, 2013

Photo 3: Asphalt Cover Installation – Grading of the aggregate base course between Building 125 and Dry Dock 5

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 1, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/02/13	REPORT NO: 160
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Sunny/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 70	MIN TEMP (F): 58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
05	6 trucks looping with AB today from Recology.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Placing and compacting AB north of building 117, west of building 117 and 125	ERRG	1	H&S Officer	8
	south of sub pens and the roadway between 120 and 115	ERRG	2	QC Staff	20
		ERRG	5	Equipment Operators	33
06	SVE techs on site performing system start-up and testing	ERRG	7	Laborers	37
		ERRG	2	Truck Drivers	10
		ERRG	2	SVE Tech	16
		Harris Blade	1	Motor Grader Operator	8

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 154
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 21,601
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 21,755
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		45 loads (964.92 tons) AB imported today

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	8
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Street sweeper on haul route all day, one laborer posted up at Recology checking each load of import for tarps and making sure no spilled AB on decks or rails prior to entering
	public streets en route to site.
05	Weekly QC Meeting today with Navy (ROICC & CSO) and ERRG QC, supervisory and H&S staff

James Nores 07/02/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/02/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	160 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Sunny/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	70
MIN TEMP (F)	58

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED

☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4

Schedule Activity No.	REMARKS

James Nores 07/02/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/2/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, IMPORT BASE, BASE INSTALL + COMPACTION, SVE SYSTEM STARTUP

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCKS (NEW), EQUIPMENT, STAF, HEAT STRESS/HYDRATION

PROTECTIVE CLOTHING/**EQUIPMENT** Level D PPE, ear plugs and work gloves, rain gear as needed. HEARING PROT. REQ'D @ SVE SYSTEM.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Jeremy Aguilar	ERRG	[signature]
Josh Pel	ERRG	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
David English	Harris	[signature]
Fr Loza	ERRG	[signature]
Rodrigo Pulido	ERRG	Rodrigo
M. Rivera	ERRG	[signature]
[illegible]	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
[illegible] Behnken	ERRG	[signature]
Billy Dean	ERRG	[signature]
Enrique Martinez	ERRG	[signature]
Mike Babst	ERRG	[signature]
Bing Bailey	ERRG	[signature]
Jaswinder Toor	Toor Trucking	[signature]
Robert Foster	Heals	[signature]
Balvinder Bass	B+B	[signature]
Brian Kerr	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Michael Wiegman	Greg's	[illegible]
William Lewis	Greg's	[illegible]
Rodolfo Lukian	Greg's	[illegible]
Spencer Slomish	EPPC	[illegible]
Ed Appel	IPRG	[illegible]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: K S/U System; 12 Site Grading; 13 Pipe Install

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		7/2/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		7/2/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		7/2/13 0700
Employee(s):	Josh Perr		7/2/13 0700
	JEREMY AGUIAR		7/2/13 0700
	Adolfo Madrigal	Adolfo M.	7-2-13 0700
	David English		7-2-13 0700
	F. LOZA		7-2-13 0700
	Rodrigo Pulido	Rodrigo	7-2-13 07:00
	M. Rivera		7-2-13 07:00
	Spencer Johnson		7/2/13 1111
	Rodriguez		7/2/13 1111
	ENRIQUE MARTINEZ		7-2-13 1111
	Mike Babst		7-2-13 0700
	Kim Brown		7-2-13 0700
	Brian Kerr		7-2-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	7/2/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLEAR	Page:	1 of 1
Site Visitors:	GRANTE - DIANA NAVARRO, JOE PEMILIA, RAY WOOLERY, DAN THOMPSON		

Description of Field Activities:

IMPORTING BASE MATERIAL WITH 6 TRANSFER DUMP TRUCKS

PLACING & COMPACTING NORTH OF BLDG 117 & WEST OF BLDG 115, WEST OF BLDG 125 AND SOUTH OF SUB PONS, INCOMING ROADWAY BETWEEN 120 & 115.

STREET SWEEPING & CHECKING AT LOADOUT FOR LOOSE MATERIAL ON TRUCKS AND TARPS

EQUIPMENT - 2 MOTOR GRADERS, END LOADER, SKID LOADER, ROLLER
2 WATER TRUCKS, STREET SWEEPER, 2 KUBOTAS

Signed: [signature] Date: 7/2/13

ERRG

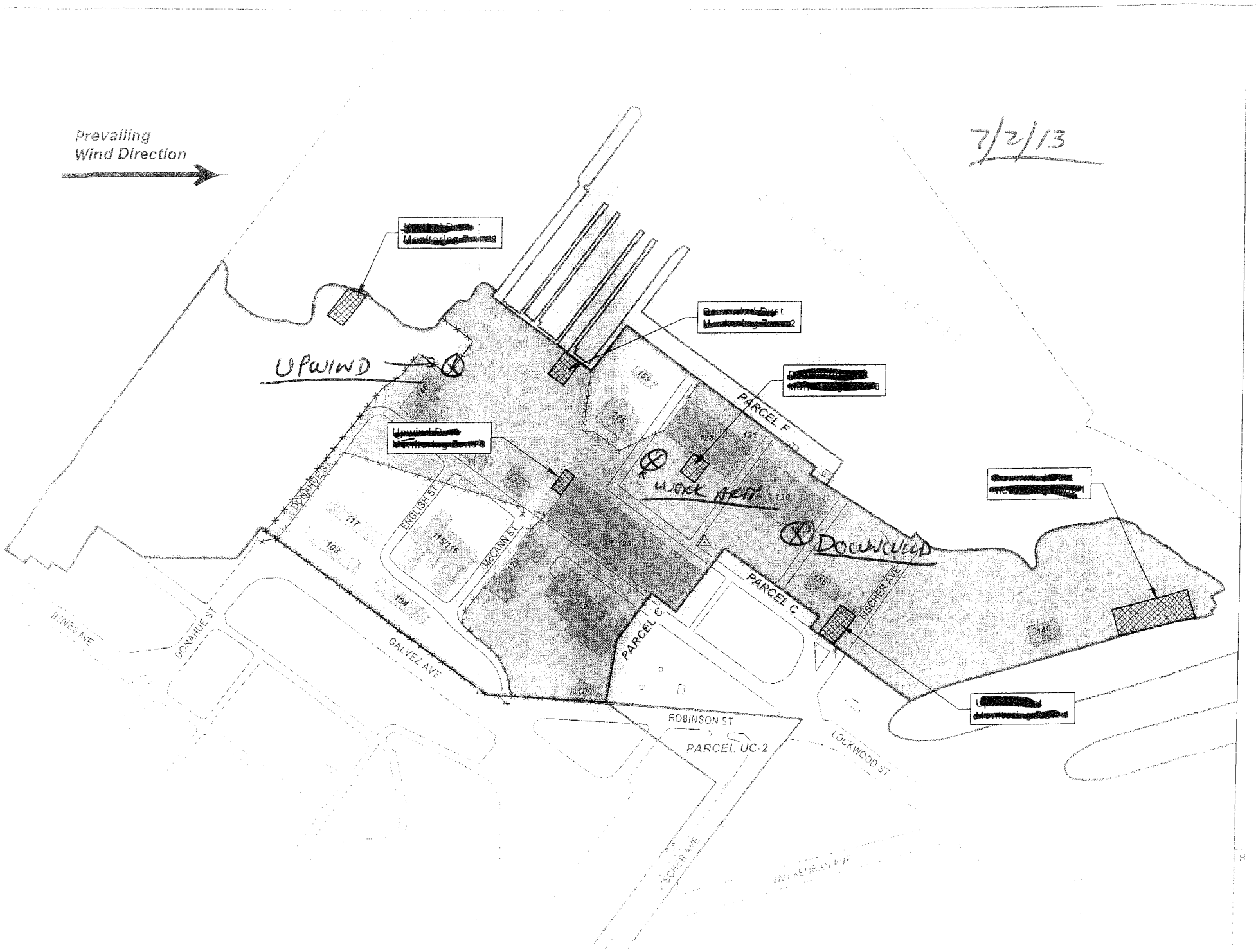
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time): 7/1

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 / Laydown Fence Mon # 1161	7/2/13	0721	0.066	0.060	
		0835	—	—	DOWN
		0842	0.092	0.083	per BATTERY
		1049	0.000	0.000	RVER
		1146	0.000	0.000	
		1312	0.000	0.000	
		1407	0.000	0.000	
		1500	0.000	0.000	
WORK AREA / Pole East of Bldg 125 / # 1008	7/2/13	0723	0.017	0.012	
		0844	0.012	0.020	
		1025	0.016	0.020	
		1147	0.026	0.016	
		1313	0.015	0.016	
		1411	0.012	0.017	
		1502	0.020	0.017	
DOWN WIND / SE corner Bldg 130 / # 10973	7/2/13	0725	0.016	0.024	
		0845	0.027	0.018	
		1026	0.015	0.013	
		1148	0.010	0.012	
		1315	0.004	0.010	
		1412	0.004	0.010	
		1503	0.015	0.010	



Prevailing
Wind Direction
7/2/13
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/02/13

REPORT NO 160

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
05	Imported and placed aggregate base material in the area between Building 116 and Building 117, the area southwest of Dry Docks 5/6/7, and
	between Building 115 and Building 120. Continued fine grading of the aggregate base course in the area between Building 116 and Building 117
	and the area southwest of Dry Docks 5/6/7 using a motor grader equipped with a GPS-guided blade. Continued compacting the aggregate
	base course using a smooth-drum roller. Verified that the activities complied with the Asphalt Cover Installation checklist.
06	Continued performing step tests on the SVE system to optimize system operation.

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 — 07/02/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/02/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/02/13

Photo 1: Asphalt Cover Installation – Placing aggregate base course southwest of Dry Docks 5/6/7

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 2, 2013

Photo 2: Asphalt Cover Installation – Fine grading of the aggregate base course placed southwest of Dry Docks 5/6/7

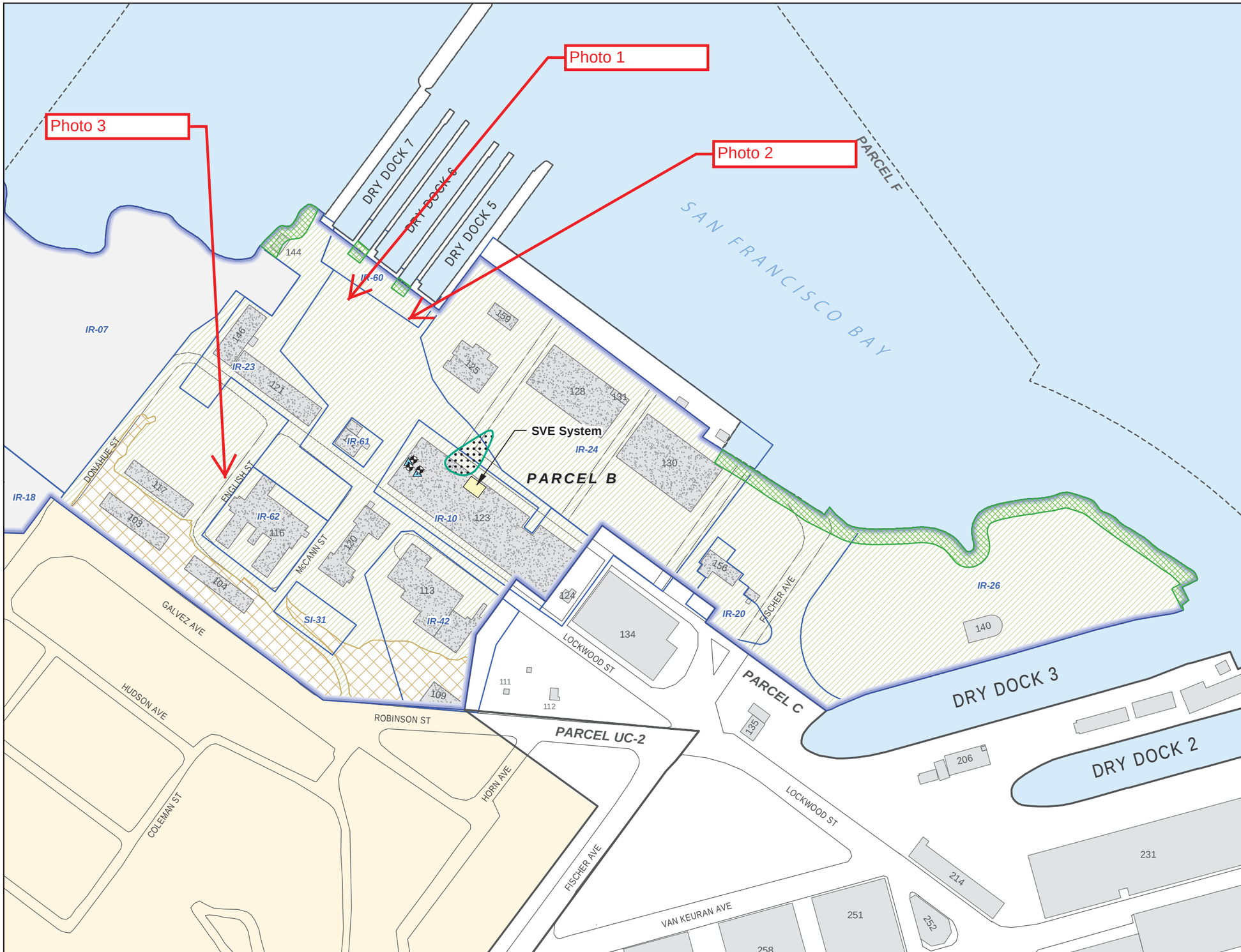
HPNS Parcel B Remedial Action, San Francisco, California

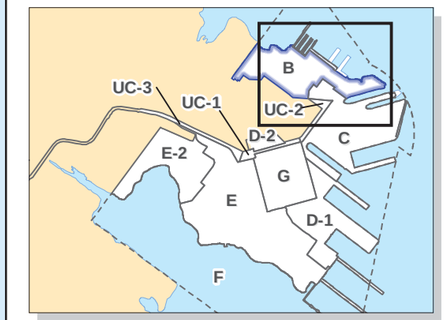
Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 2, 2013

Photo 3: Asphalt Cover Installation – Fine grading of the aggregate base course between Building 116 and Building 117

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 2, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/03/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	161		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Sunny/Warm
MAX TEMP (F)	73	MIN TEMP (F)	60

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	6 trucks looping with AB today from Recology. Placing and compacting AB	ERRG	1	H&S Officer	8
	on road and between buildings 120 & 116, west of building 125 and along swale	ERRG	2	QC Staff	20
	and the back side of building 123 along the building side and swale.	ERRG	6	Equipment Operators	45
		ERRG	5	Laborers	33
06	SVE techs on site performing system start-up and testing	ERRG	2	Truck Drivers	10
		ERRG	2	SVE Tech	16
		Harris Blade	1	Motor Grader Operator	4

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	156
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	21,755
TOTAL WORK HOURS FROM START OF CONSTRUCTION	21,911

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		48 loads (1067.64 tons) AB imported today

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	8
05	Harris Blade	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Street sweeper on haul route all day, one laborer posted up at Recology checking each load of import for tarps and making sure no spilled AB on decks or rails prior to entering
	public streets en route to site.
05	Weekly QC Meeting today with Navy (ROICC & CSO) and ERRG QC, supervisory and H&S staff

James Nores 07/02/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/03/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	161 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	73
MIN TEMP (F)	60

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	6
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4

Schedule Activity No.	REMARKS

James Nores 07/02/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 3/3/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK SITE GRADING, BAG REPORT, INSTALL + CONNECT, SVE SYSTEM START-UP

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCKS, EQUIPMENT, HEAT & HYDRATION, Flying debris

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 Radvigen	ERRG	
Jeremy Harris	ERRG	
Josh Perl	ERRG	
David English	Harris	
Adalto Rodrigues	ERRG	
F. Loza	ERRG	
M. Rocha	ERRG	
Philip Pelan	ERRG	
Mike Babbel	ERRG	
[illegible]	ERRG	
D. Shannon	[illegible]	
Spencer Johnson	ERRG	
Kim Barkley	ERRG	
Robert Fossel	ERRG	
Jagwinder Kaur	Tar Trucking	
BALVINDER BASS	B&B	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Michael Wiegman	Greg's	[signature]
SATISH	~~[illegible]~~ Greg	[signature]
William Lewis	Greg's	[signature]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #12 SITE GRADING
#13 BASE INSTALL
#15 SVE SYSTEM

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	7/3/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Brian Kerr	[signature]	7/3/13 @ 700
	P Rodriguez	[signature]	7/3/13 @ 700
	JEREMY ALQUIAR	[signature]	7-3-13 0700
	JOSH POR	[signature]	7/3/13 0700
	David English	[signature]	7-3-13 0700
	Adolfo Madrigal	Adolfo M.	7-3-13 0700
	F. LOZA	[signature]	7-3-13 0700
	M. Rivera	[signature]	7-3-13 0700
	Mike Babst	[signature]	7-3-13 0700
	J. Corsel	[signature]	7/3/13 0700
	Phillip DeCann	[signature]	7/3/13 0700
	Spencer Johnson	[signature]	7/3/13 0700
	Kay Bailey	[signature]	9-3-13 0700

DAILY FIELD ACTIVITY LOG

Preparer's Name:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	7/3/13
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:

IMPORTING BASE MATERIAL WITH 6 TRANSFER DUMP TRUCKS.

INSTALLING + COMPACTING BASE ON ROAD AND BETWEEN BLDGS 120 + 116.

INSTALLING BASE AND SEEDING, ROLLING SWALE WEST OF BLDG 125 TO THE OUTFALL.

INSTALLING BASE SOUTH SIDE OF BLDG 123.

WEEDEATING HYDROSEEDED SLOPES.

EQUIPMENT: MOTOR GRADER, ROLLER, 2 SKIP LOADERS, 2 WATER TRUCKS, STREET SWEEPER, 2 KUBOTAS

Signed: [signature] Date: 7/3/13

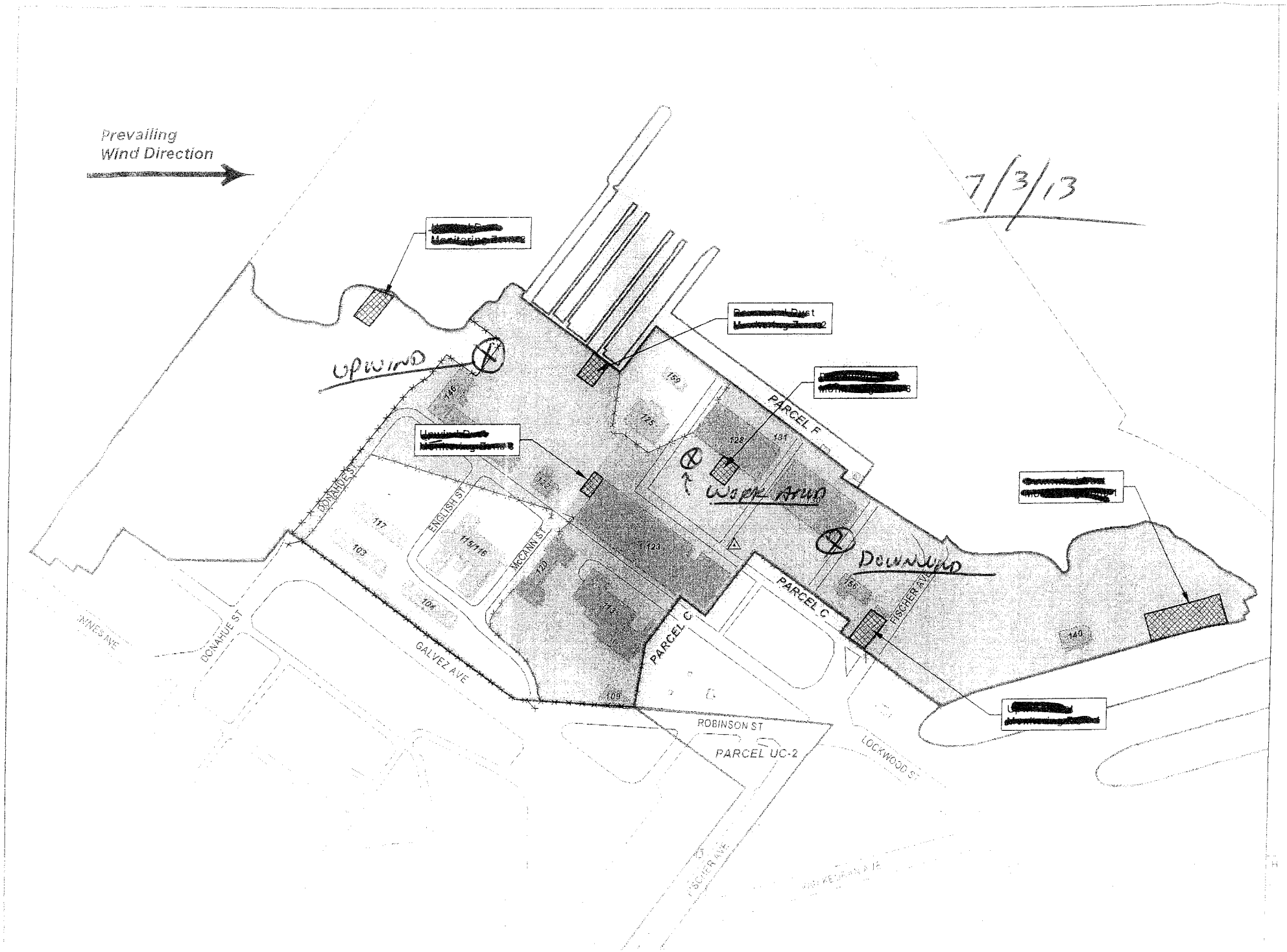
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):	7/1/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN FENCE MOTOR # 1161	7/3/13	0728	0.000	0.000	
		0831	0.000	0.000	
		0939	0.000	0.000	
		1042	0.000	0.000	
		1145	0.000	0.000	
		1249	0.000	0.000	
		1345	0.000	0.000	
		1452	0.000	0.000	
WORK AREA / PORE EXIT OF BLDG 125 / #1008	7/3/13	0726	0.008	0.011	
		0832	0.002	0.005	
		0940	0.016	0.007	
		1045	0.011	0.009	
		1146	0.016	0.011	
		1250	0.012	0.011	
		1347	0.019	0.011	
		1453	0.017	0.011	
DOWNWIND / SE COR. BLDG 130 / #10973	7/3/13	0724	0.007	0.014	
		0837	0.004	0.006	
		0942	0.003	0.005	
		1046	0.000	0.004	
		1148	0.001	0.004	
		1252	0.005	0.003	
		1348	0.002	0.003	
		1454	0.002	0.002	



Prevailing
Wind Direction
7/3/13
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
INNES AVE
146
159
125
128
131
123
117
103
115/116
120
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/03/13

REPORT NO 161

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
05	Imported and placed aggregate base material in the area between Building 115 and Building 120, the area west of Building 125, and the area
	southwest of Building 123. Continued fine grading of the aggregate base course in the areas between Building 115 and Building 120, the area
	west of Building 125, and the area southwest of Building 123 using a motor grader equipped with a GPS-guided blade. Continued compacting
	the aggregate base course using a smooth-drum roller.Verified that the activities complied with the Asphalt Cover Installation checklist.
06	Continued performing step tests on the SVE system to optimize system operation.

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 — 07/03/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/03/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/03/13

Photo 1: Asphalt Cover Installation – Placing aggregate base course between Building 115 and Building 120

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 3, 2013

Photo 2: Asphalt Cover Installation – Fine grading of the aggregate base course in the swale west of Building 125

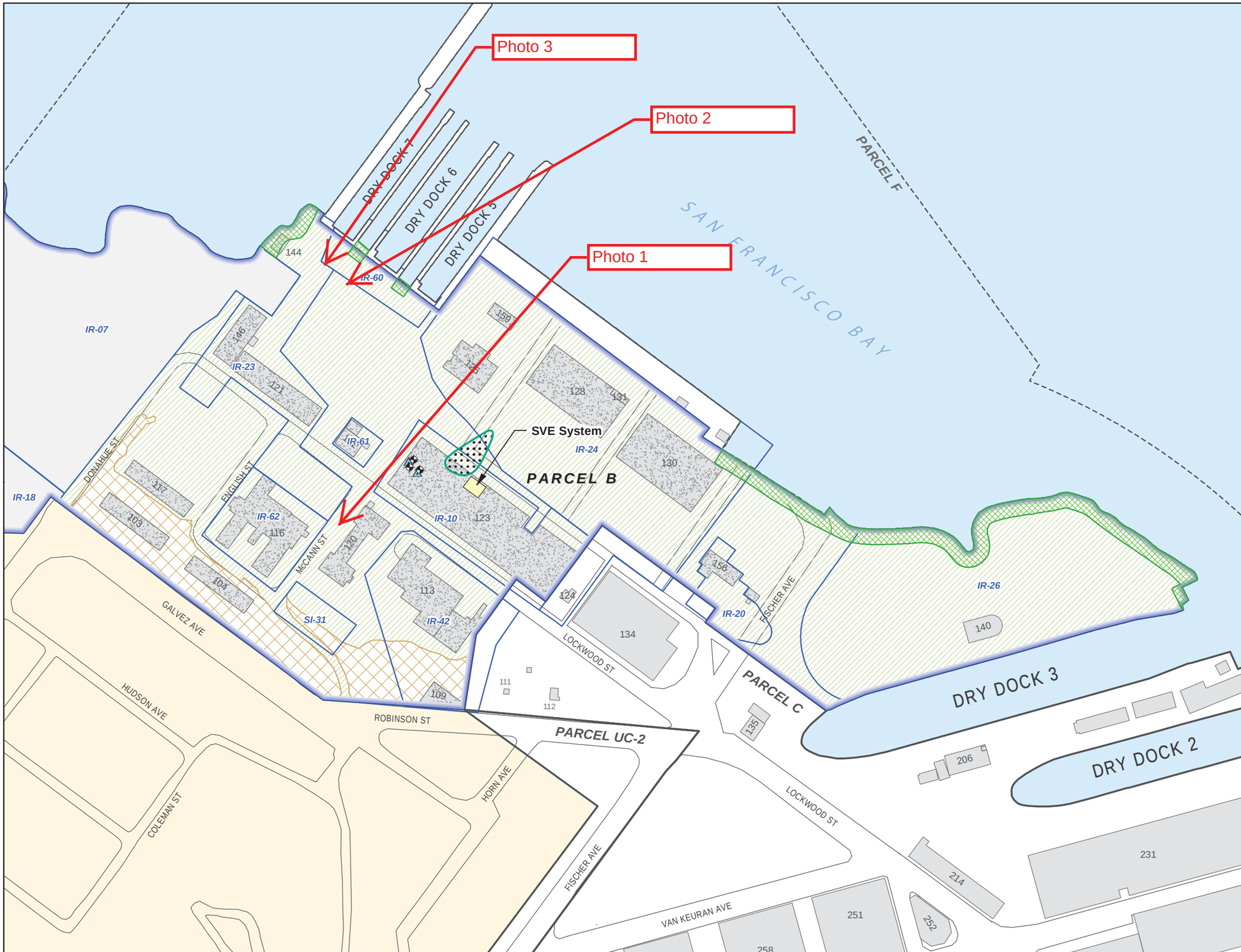
HPNS Parcel B Remedial Action, San Francisco, California

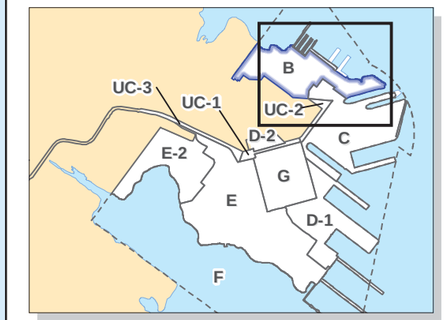
Photographed by: Richard Epp (ERRG, Inc.) Date: July 3, 2013

Photo 3: Asphalt Cover Installation – Compacting the aggregate base course installed in the swale west of Building 125

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 3, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/05/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	162		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Sunny/Warm
MAX TEMP (F)	63	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	0
05	Import AB with 6 trucks today, place and compact AB material around building	ERRG	1	H&S Officer	8
	123, 113 and the east side of 120.	ERRG	2	QC Staff	20
		ERRG	3	Equipment Operators	20
05	Ground crew working placing and compacting AB against all buildings.	ERRG	8	Laborers	45
		ERRG	2	Truck Drivers	15
		ERRG	2	SVE Tech	8
		Harris Blade	1	Motor Grader Operator	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	140
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	21,911
TOTAL WORK HOURS FROM START OF CONSTRUCTION	22,051

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		67 loads (1569.38 tons) AB imported today

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	8
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	8
05	Harris Blade	Cat 84" Smooth drum Roller	0

Schedule Activity No.	REMARKS
05	Street sweeper on haul route all day, one laborer posted up at Recology checking each load of import for tarps and making sure no spilled AB on decks or rails prior to entering public streets en route to site.

James Nores 07/05/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/05/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	162 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	63
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	United Rentals	84" Smooth Drum Roller	0
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	4

Schedule Activity No.	REMARKS

James Nores 07/05/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/5/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK IMPORT, INSTALL & COMPACT BASE
SVE STARTUP

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCKS, EQUIPMENT (EYE CONTACT)

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
Geremy Alonzo	ERRG	
Rodrigo Pulido	ERRG	Rodrigo
Adolfo Madrigal	ERRG	Adolfo M.
Patty Peter	ERRG	
David Tomlin	Harris	
Emmitt Martinez	ERRG	
F. Lopez	ERRG	
M. Rivera	ERRG	
Raul Rodriguez	ERRG	
Brian Kerr	ERRG	
Justin Benson	ERRG	
J. Corsick	ERRG	
Mike Bulot	ERRG	
Spencer Johnson	ERRG	
Ray Bailey	ERRG	
Lamont Brook	Monroe Jackson Tech	Lamont Brook
Blake	Bruno Mars	
Dimitri Sutton		Monroe Brook
Monroe Brooks	Monroe Jackson D.S. Tech	

Health & Safety Officer Richard Epp **SUPERINTENDENT** James Nores

SIGNATURE _____ **SIGNATURE** _____

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Demarcela Pope	D P Trucking	Demarcela Pope
A.S. Trucking	Antel Sol	[illegible]
John Sourial	ERRG	

SS NO: [redacted] R. EPP SUPERINTENDENT: James Nores

SIGNATURE: SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #13 15 SVE System BASE INSTALL

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	7/5/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	7/5/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	JEREMY AGUIAR	[signature]	7-5-13 0700
	Rodrigo Pulido	Rodrigo	7-5-13 0700
	Adolfo Madrigal	Adolfo M.	7-5-13 0700
	Phillip Delan	[signature]	7-5-13 0700
	David Inglish	[signature]	7-5-13 0700
	ENRIQUE MARTINEZ	[signature]	7-5-13 0700
	F. LOZA	[signature]	7-5-13 0700
	Marlon Rivera	[signature]	7-5-12 0700
	Paul Rodriguez	[signature]	7-5-12 0700
	Briankerr	[signature]	7/5/13 0700
	J. Correll	[signature]	7/5/13 0700
	Mike Bubst	[signature]	7/5/13 0700
	Spencer Johnson	[signature]	7/5/13 0700
	Kay Bailey	[signature]	7-5-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	7/5/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST + FOG - AM	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

SITE GRADING SWALE ALONG DONAHUE, REMOVED EXCESS SOIL + HAULED TO AREA D-1.

IMPORTED BASE MATERIAL WITH 6 TANDEM BOTTOM DUMP TRUCKS.

PLACING BASE BEHIND BLDG 123 + AROUND BLDG 113, EAST SIDE OF BLDG 120.

GROUND CREW PLACING + COMPACTING AGAINST BLDGS.

EQUIPMENT - 2 MOTOR GRADERS, OFF-ROAD DUMP TRUCK, END LOADER, 2 SKIPLOADERS, STREET SWEEPER, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 7/5/13

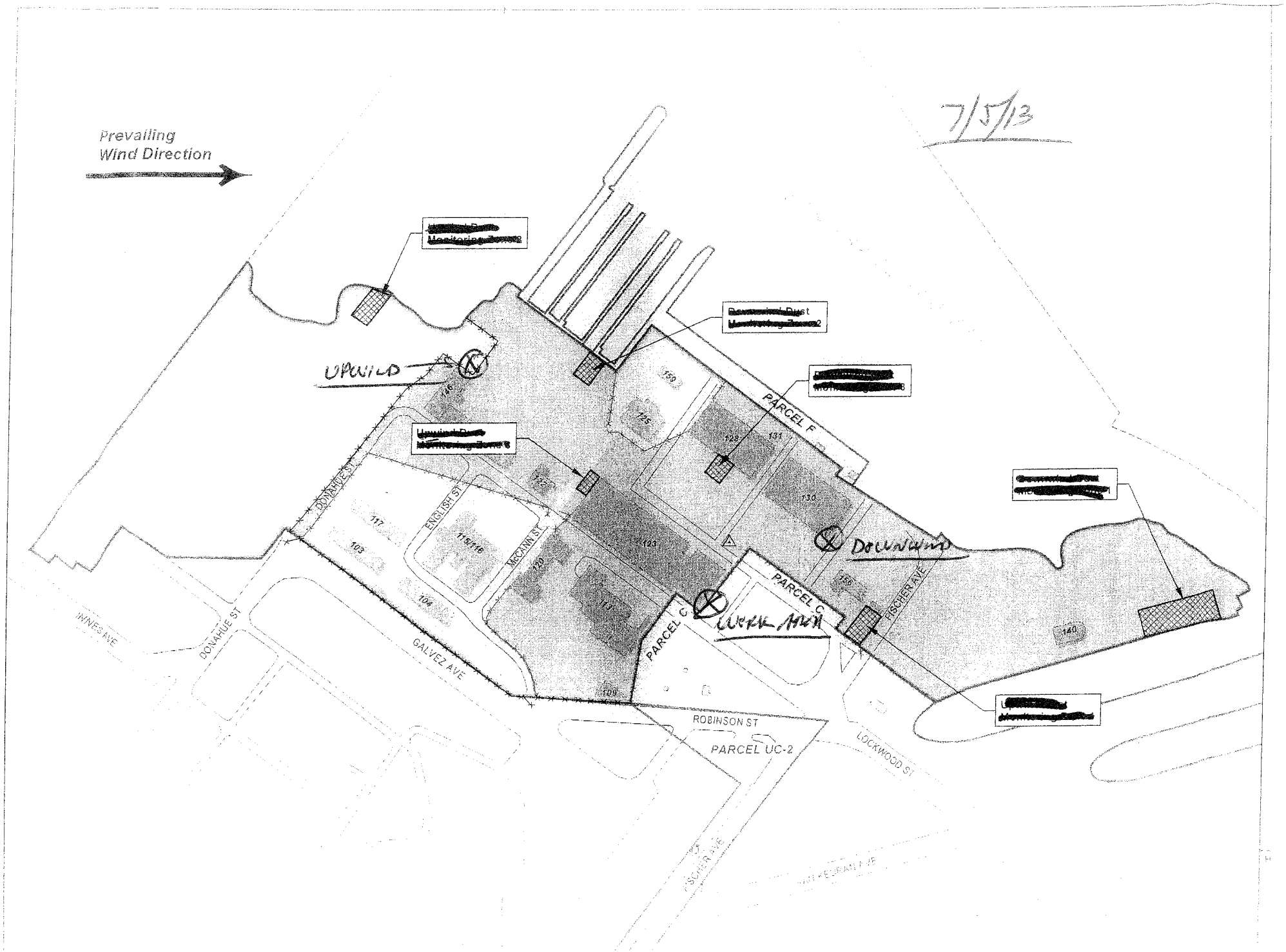
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN FENCE	7/5/13	0840	0.000	0.000	EARLY FOG
MOTOR # 1161		0930	0.000	0.000	
		1019	0.000	0.000	
		1115	0.000	0.000	
		1246	0.000	0.000	
		1350	0.000	0.000	
		1450	0.000	0.000	
WORK AREA / EAST END	7/5/13	0946	0.046	0.042	
BLDG 123 / # 1008		0932	0.052	0.041	
		1020	0.053	0.040	
		1116	0.056	0.040	
		1250	0.034	0.040	
		1352	0.058	0.048	
		1453	0.041	0.040	
DOWNWIND / SE CORNER	7/5/13	0850	—	—	FOG (RECALIBRATED)
BLDG 130 / # 10973		0934	—	—	ERRATIC FROM FOG
		1023	0.038	0.044	
		1118	0.013	0.021	
		1251	0.011	0.014	
		1353	0.004	0.012	
		1455	0.018	0.014	


7/5/13
Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWILD
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
117
103
104
115/116
120
113
109
123
122
125
128
131
130
156
140
146
159

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Skip Loader John Deere 210 Identification Number: FC6x94

Project Number / Name: H.P. 037 Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	A.W. 7-1-13 HR. 1715.6			A.M. 7-2-13 HR. 1721.9			A.M. 7-3-13 HR. 1728.9						A.M. HR. 1735.4			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☑	☐	☐	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Water truck **Identification Number:** CRS13-016

Project Number / Name: 2012-037 **Rental** ☒ **ERRG** ☐

	Heavy Equipment Defects															
Inspected By (Initials) And Date:	7/1/13 BK 26633.3			7/2/13 BK 26686.1			BK 7/3/13 26703.3						7/5/13 BK 26738.5			**Defect(s):**
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	
Steps and handgrips	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Engine belts and hoses	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Windows and mirrors unbroken?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Windshield wipers operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Back up alarm operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Steering and other controls	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	
Brakes	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☒	☐	☐	

Explain corrective actions taken: small leak on passenger side front of tank @ seam
Fire extinguisher checked for July.

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/05/13
REPORT NO	162

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
05	Performed rough grading of the area south of Building 113 and Building 120 to prepare the pavement subgrade. Continued rough grading of the
	swale adjacent to Donahue St.
	Imported and placed aggregate base material in the area between Building 123 and Building 113. Performed fine grading of the aggregate base
	course placed between Building 123 and Building 113 and the area between Building 113 and Building 120 using a motor grader equipped
	with a GPS-guided blade. Verified that the activities complied with the Asphalt Cover Installation checklist.
06	Continued performing step tests on the SVE system to optimize system operation.

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 — 07/05/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/05/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/05/13

Photo 1: Asphalt Cover Installation – Placing aggregate base course along the southwest side of Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 5, 2013

Photo 2: Asphalt Cover Installation – Placing aggregate base course between Building 113 and Building 125

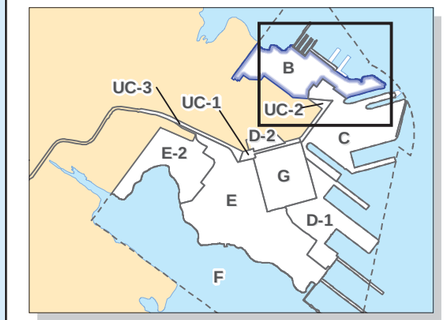
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 5, 2013

Photo 3: Asphalt Cover Installation – Placing aggregate base course between Building 120 and Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 5, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/08/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	163		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Sunny/Warm
MAX TEMP (F)	76	MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	8
05	Import AB with 4 trucks today, place and compact AB material around building	ERRG	1	H&S Officer	8
	123, 113 and the east side of 120.	ERRG	2	QC Staff	20
		ERRG	2	Equipment Operators	16
05	Ground crew working placing and compacting AB against all buildings.	ERRG	3	Laborers	24
		ERRG	2	Truck Drivers	16
		ERRG	2	SVE Tech	8
		Harris Blade	1	Motor Grader Operator	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	188
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	22,051
TOTAL WORK HOURS FROM START OF CONSTRUCTION	22,239

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		47 loads (1135.94 tons) AB imported today

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	0
05	Harris Blade	Cat 14H Motor Grader	8
05	Harris Blade	Freightliner 4000 gallon water truck	8
05	Hertz	JD 210 Skip Loader	0
05	Harris Blade	Top Gun Street Sweeper	8
05	Harris Blade	Cat 84" Smooth drum Roller	0

Schedule Activity No.	REMARKS
05	Street sweeper on haul route all day, one laborer posted up at Recology checking each load of import for tarps and making sure no spilled AB on decks or rails prior to entering public streets en route to site.

James Nores 07/08/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/08/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	163 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	76
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
08	Shoreline - Removal of Silt Curtain	Dixon Marine	4	Boat Operators	40
05	Site Prep and layout	Granite Construction	3	Operators	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	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	United Rentals	84" Smooth Drum Roller	0
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	8
05	Dixon Marine	Cat 1055 tele handler	10
05	Dixon Marine	21' Aluminum Boats	20

Schedule Activity No.	REMARKS
	Dixon Marine onsite to pull the silt curtain; attended tailgate safety meeting. Removed about 2/3rds of the existing curtain and reattached curtain around the "TPH" area
	Granite Construction attended tailgate safety meeting. Spent day on layout of the paving and grade checking complete site for grade

James Nores 07/08/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS CONTRACT # N62473-09-D-2608

DATE 7/8/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK IMPORT, PLACE + COMPACT BASE MATERIAL, SUB-MOB + FINE GRADING, SVE SYSTEM

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, TRUCKS, STAF, EYE CONTACT

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
David English	Harris	[signature]
Paul Rodriguez	ERRG	[signature]
F. LOZA	ERRG	[signature]
M. Rivera	ERRG	[signature]
Rodrigo Pulido	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Brian Kern	ERRG	[signature]
J FROST	DMS	[signature]
J. Filomeo	DMS	[signature]
Spencer Johnson	ERRG	[signature]
Mike Babst	ERRG	[signature]
JJ Carrel	ERRG	[signature]
DAVID T. BEHNKEN	ERRG	[signature]
Michael Guymeral	ERRG	[signature]
Dan Thompson	Granite	[signature]
Jason Cavanaugh	Granite	[signature]
Tony Torres	Granite	[signature]
Ethan Livingston	DMS	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores [signature]

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
DIANA NAVARRO	GRANITE CONST	[signature]
A.S. [illegible]	A.S.	[signature]
Rick Townsend	ERRG	[signature]
DALJIT SINGH	D.S.	[signature]
Grady Brooks	BROOKS TRK.	[signature]
Demond Brooks	MONROE & SON TRK	[signature]
Kevin Woodhouse	ERRG	[signature]

SSHO: [redacted] R. EPP SUPERINTENDENT: James Nores

SIGNATURE: _____ SIGNATURE: _____

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #13 BASE INSTALL #14 ASPHALT PAVEMENT #16 SVE SYSTEM

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores King Bailey	[signature]	7-8-13- 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	7/8/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	David English	[signature]	7-8-13 0700
	Paul Rodriguez	[signature]	7-8-13 0700
	Adolfo Madrigal	Adolfo M.	7-8-13 0700
	F. LOZA	[signature]	7-8-13 0700
	Marlon Rivera	[signature]	7-8-13 0700
	Rodrigo Pulido	Rodrigo	7-8-13 0700
	Brian Kerr	[signature]	7-8-13 0700
	JONATHAN FROST	[signature]	7-8-13 0700
	John N. Filomeo	[signature]	7-8-13 0700
	JEREMY AGUIAR	[signature]	7-8-13 0700
	Spencer Johnson	[signature]	7/8/13 0700
	Mike Babst	[signature]	7/8/13 0700
	J. Corsick	[signature]	7/8/13 0700
	Michael Goymeral	[signature]	7/8/13 0700
	Rick Townsend	[signature]	7/8/13 0700

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: _____

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EAP		
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s): Grorine	Dan Thompson	Dan Thompson	7/8/13
	DIANA NAVARRO	[illegible]	7/8/13
	JASON CAVANAUGH	[illegible]	7/8/13
	ANTHONY TORRES	[illegible]	7/8/13

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	7/8/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR	Page:	1 of 1
Site Visitors:	USN - ANDY UHOSA, DMS - CHRIS AVER, STOCK - TOM KING		

Description of Field Activities:

BEGAN REMOVAL OF SILT CURTAIN.

PAVING SUB. ON SITE, CHECKING SITE + BASE CONDITION.

IMPORTED BASE MATERIAL WITH 4 TANDEM BOTTOM DUMP TRUCKS.

PLACING + COMPACTING BASE ON SOUTH SIDE OF BLDG. 113, EAST + WEST OF BLDG. 120, WEST OF BLDG 116 + ALONG WEST SITE BOUNDARY AND SWALE ALONG DONAHUE ST, SWALE SOUTH OF BLDG. 123

HAND WORK ON SOUTH SIDE OF BLDG. 103

EQUIPMENT - 2 MOTOR GRADERS, END LOADER, SKIP LOADER, WATER TRUCK, STREET SWEEPER, 2 KUBOTAS.

Signed: [signature] Date: 7/8/13

ERRG

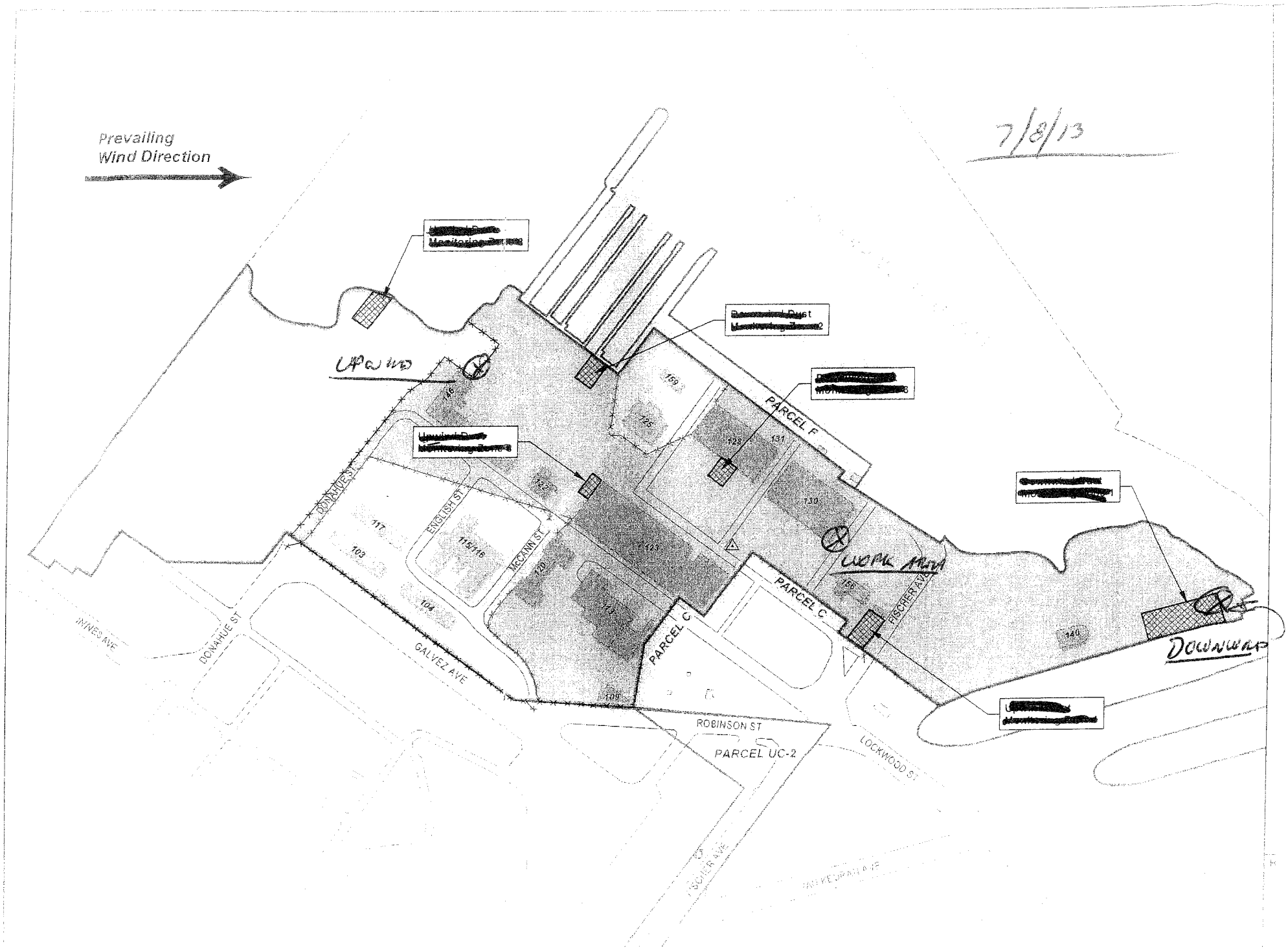
AIR MONITORING LOG SHEET

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 / LAY/DOWN FENCE MOTOR # 1161	7/8/13	0824	0.000	0.000	
		0928	0.000	0.000	
		1027	0.000	0.000	
		1124	0.000	0.000	1120 - BATTERY DOWN
		1252	0.000	0.000	
WORK AREA / EAST SIDE BLDG 130 / # 1008	7/8/13	0827	0.029	0.030	
		0931	0.026	0.028	
		1030	0.026	0.027	
		1125	0.027	0.027	
		1254	0.025	0.026	
DOWNWIND / DD # 3 @ SHOWERS / # 10973	7/8/13	0830	0.005	0.015	
		0934	0.002	0.000	
		1033	0.001	0.000	
		1128	0.000	0.000	
		1256	0.000	0.000	



7/8/13
Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
146
159
125
128
131
130
122
123
117
103
115/116
120
104
113
109
156
140

7/8/13

FIS COST CODE: AA- FIREPREVENT

4.23. Fire Prevention and Protection

4.23.1. All reasonable precautions must be followed in cooperation with local authorities to minimize fire hazards.

4.23.2. The telephone numbers of local firefighting agencies must be posted at the office and be available for each jobsite.

4.23.3. A fire alarm system must be established by which employees and local fire department can be promptly alerted in a fire emergency.

4.23.4. Before hot work is permitted outside designated hot work areas and an unplanned fire is likely, the area must be inspected a by the person responsible for authorizing hot work.

4.23.4.1. That person must identify the precautions that must be followed using a written Hot Work Permit (Appendix G).

4.23.4.2. A Hot Work Permit may not be issued for a period of time greater than 8 hours.

4.23.5. Appropriate portable fire extinguishers, rated at least 2-A: 10-B: C containing at least 4.5 pounds of extinguishing agent, and hand tools must be available at the worksite whenever fire hazards exist.

4.23.6. All highway vehicles must be equipped with an appropriate fire extinguisher, rated at least 2-A: 10-B: C.

4.23.7. Fire extinguishers must be installed on other types of equipment in accordance with the applicable regulations.

Dan Thompson

Jason Cavanaugh

Anthony Ferro

Gina Navarro

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] ERRG	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Skip loader	Model No.: 210 K ep	Serial No.: 224-04-0120

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)	✓		

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: equipment new, clean, up to standards

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: Rick Mosty Date of Inspection: 7/9/13

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunter's Point	Contractor: [redacted]	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Water Truck	Model No.:	Serial No.:

Before any machinery or mechanized equipment is placed in use, it shall be inspected and tested by a competent mechanic and certified to be in good operating condition. Records of tasks and inspection shall be maintained as part of the active contract file. The appropriate EM 385-1-1 (Safety and Health Requirements Manual, dated 15 September 2008) paragraph is listed at the end of each checklist item.

CHECKLIST	Yes	No	N/A
1. Before placing machinery or mechanized equipment in use has it been inspected and tested in accordance with the manufacturer's recommendations and requirements of EM-385 and certified in writing by a competent person? (18.G.02)	✓		
2. Are initial and daily/shift inspection and tests records available and all safety devices in place and functional and GDA notified so spot checks may be conducted? (18.G.02)	✓		
3. When machinery or equipment is found to be unsafe or when a deficiency which affects the safe operation of equipment is observed, is the equipment immediately taken out of service and its use prohibited until unsafe conditions have been corrected? (18.G.05)	✓		
4. Is machinery or equipment operated only by designated qualified personnel? (18.G.06)	✓		
5. Have inspections or determinations of road conditions and structures been made in advance to assure that clearances and load capacities are safe for the passage or placing any machinery or equipment? (18.G.08)	✓		
6. Are seats or equal protection provided for each person required to ride on the equipment? (18.G.09f)	✓		
7. Is equipment operating on streets and highways equipped with headlights, taillights, brake lights, back light, and turn signals (visible from front and rear)? (18.G.09)	✓		
8. Is all equipment equipped with operable windshield wipers, and defrosting or defogging equipment? (18.G.09)	✓		
9. Does the unit have an emergency brake which will automatically stop the equipment upon brake failure? Is this system manually operable from the driver's position? (18.G.09i	✓		
10. Is all maintenance (including preventive maintenance) and repairs done in accordance with the manufacturer's recommendations and is it documented? (18.G.25a) Fuel seal leaking	✓		
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)	✓		

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:

Leaking at front bottom of water tank (R) side
fuel gasket at tank corrinds

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: TCf Jr 7/9/13 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: [redacted]	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Cat CS563 / Roller	Model No.: CS - 563E	Serial No.: CatCS563TCN600577

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)	✓		

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: Jason [illegible]

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: [redacted]	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Bomag 120 Roller	Model No.: BW 120 AD-3	Serial No.: 101120531049

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)	✓		

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: Jason Cavanaugh

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: [redacted] GRANITE	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: BLADE	Model No.: 14H	Serial No.: 753501 (B7)

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)	✓		

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: ANTHONY TORRES Date of Inspection: 7/9/13

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/08/13

REPORT NO 163

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
05	Imported and placed aggregate base material in the area between Building 123 and Building 113. Performed fine grading of the aggregate base
	course placed between Building 123 and Building 113, and the area south of Building 120 and Building 113, using a motor grader equipped
	with a GPS-guided blade. Verified that the activities complied with the Asphalt Cover Installation checklist.
05	ERRG's paving subcontractor, Granite Construction, mobilized to the site. Performed grade checking of the completed aggregate base course
	and began layout for asphalt paving.
06	Continued performing step tests on the SVE system to optimize system operation.
08	Dixon Marine removed the silt curtain from offshore of the completed sections of revetment. Silt curtain left in place offshore of the TPH area
	near Building 130.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description

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 — 07/08/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/08/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/08/13

Photo 1: Asphalt Cover Installation – Placing aggregate base course along the south side of Building 120

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 8, 2013

Photo 2: Asphalt Cover Installation – Aggregate base course placed between Building 113 and Building 123

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 8, 2013

Photo 3: Asphalt Cover Installation – Aggregate base course placed in the swale south of Building 120

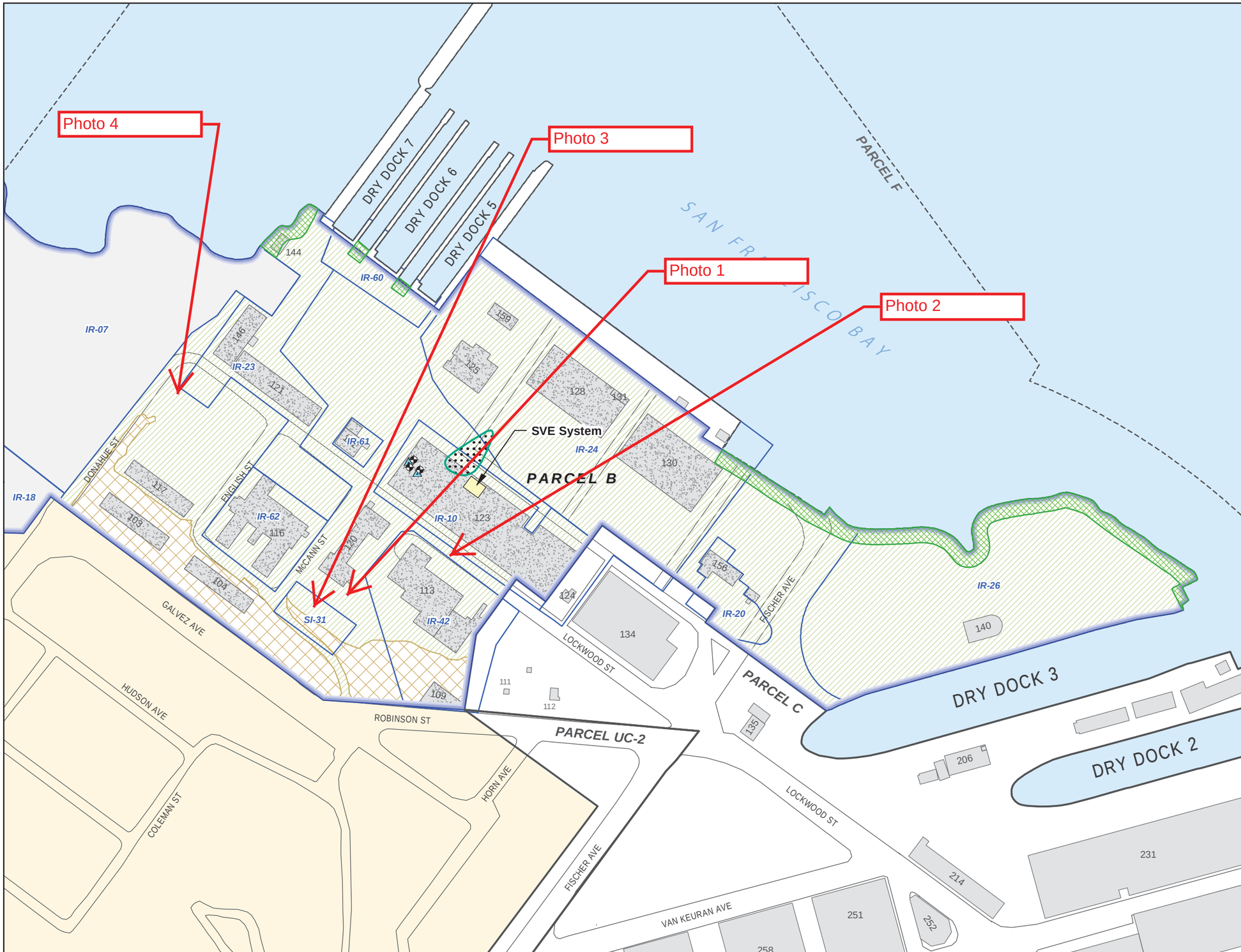
HPNS Parcel B Remedial Action, San Francisco, California

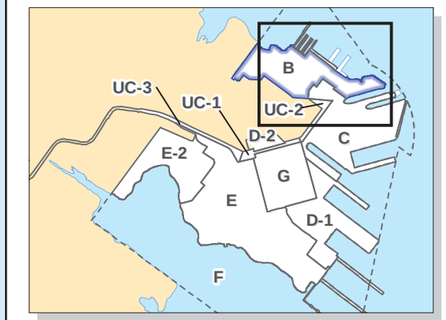
Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 8, 2013

Photo 4: Asphalt Cover Installation – Fine grading of the aggregate base course between Building 117 and Building 146

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 8, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/09/13	REPORT NO: 164
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 76	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	8
05	Fine grading and compacting around building 123, 103, 104	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
		ERRG	2	Equipment Operators	12
05	Ground crew working placing and compacting AB against all buildings.	ERRG	3	Laborers	12
		ERRG	1	Truck Drivers	8
		ERRG	2	SVE Tech	0
		Harris Blade	1	Motor Grader Operator	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: 136
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT: 22,239
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 22,375

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	12
05	ERRG	Freightliner 2000 gallon water truck	2
05	Granite	Cat 14H Motor Grader	8
05	Granite	Freightliner 4000 gallon water truck	8
05	Grainte	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	0
05	Granite	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
	While watering base rock next to building 103, ERRG's 2000 gallon water truck backed down the driveway and lost control. The truck rolled into Building 117 and damaged the south corner
	of Building 117. After checking on the driver and assessing his health, ERRG's SSHO and QC manager notified the Navy ROICC, CSO, RPM, and ERRG managers. Building 117 was blocked
	to outside access. The driver was transported to the local health clinic and checked out and also DS was preformed. At this time ERRG management called a
	mandatory activity stand down and all ERRG related employees were sent home pending the investigation. ERRG site managers met with the Navy ROICC and CSO and put together a plan to
	follow. A structural engineer was called onsite and developed a repair plan; the truck will stay embedded in the building until a contractor can be selected and work can be preformed.
	Driver returned with a clear for work form. ERRG principals onsite to assist in bringing this to a close. due to the proximity of the Sub Contractor they were allowed to continue working.

James Nores — 07/09/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/09/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	164 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	76
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Site Prep Fine grading and compaction	Granite Construction	2	Laborers	16
05	Site Prep Fine grading and compaction	Granite Construction	4	Operators	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	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Granite	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	4
05	United Rentals	84" Smooth Drum Roller	2
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	0
05	ERRG	nuclear density gauge	6

Schedule Activity No.	REMARKS

James Nores 07/09/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/9/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK REMOVE SILT CURTAIN, PLACE & COMPACT BASE, PAVING PREP. SVE SYSTEM

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, EYE CONTACT, AWARENESS, HEARING PROTECTION

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]
Adolfo Madrigal	ERRG	Adolfo M.
Rodrigo Pulido	ERRG	Rodrigo
Jeremy Alviar	ERRG	[signature]
Marlon Rivera	ERRG	[signature]
E. Loza	ERRG	[signature]
David English	Harris	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Glamingh	ERRG	[signature]
Dan Thompson	Granite	[signature]
Jason Cavanaugh	Granite	Jason Cavanaugh
Robert Ward	Granite	[signature]
Rick Moal	Granite	[signature]
Anthony Torres	G.C.C.	[signature]
Michael Goymesal	ERRG	[signature]
Joe M. Domilia	Granite	[signature]
Mike Barbat	ERRG	[signature]
Tracy Denton	GRANITE	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores King Bailey

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

28

NAME PRINTED	COMPANY	SIGNATURE
Rick Townsend	ERRG	
JOHN SOURIN	ERRG	
Lowan Tucker	ERRG	
TIM WOODSON	ERRG	
Les Sanderson	ERRG	

SSHO: [redacted] R. Epp SUPERINTENDENT: James Nores

SIGNATURE: SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#4 SILT CURTAIN REMOVAL
#13 BASE INSTALL
#14 DAVING PREP
#16 SVE SYSTEM

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #:

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores Kim Bailey	[signature]	7-9-13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	7/9/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Brian Kerr	[signature]	7/9/13 0700
	Adolfo Madrigal	Adolfo M.	7-9-13 0700
	Rodrigo Pulido	Rodrigo	7-9-13 0700
	JEREMY AGUIAR		
	F. LOZA	[signature]	7-9-13 0700
	David Inglish	[signature]	7-9-13 0700
	M. Rivera	[signature]	7-9-13 0700
	Spencer Johnson	[signature]	7/9/13 0700
	Spencer Slomnski	[signature]	7/9/13 0700
	Mike Babst	[signature]	7/9/13 0700
	Michael Goymerac	[signature]	7/9/13 0700
	Don Thompson	David Thompson	7/9/13
	JASON CAVANAUGH	Jason Cavanaugh	7/9/13
	Robert WARD	[signature]	7/9/13 0700
	RICK MOAG	RICK MOAG	7/9/13 0700
	ANTHONY TORRES	[signature]	7/9/13 0700

Pg. 2

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: _____

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EAP		
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Joe M. Pomilia		7/9/13
	TRACY Denton		7/9/13 8:23 A
	Rich Townsend		7/9/13

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	7/9/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:		Page:	1 of 1
Site Visitors:	GRANITE - DIANE NAVARRO DHC - RANDY GIRÓVARD		

Description of Field Activities:

BEGAN DAY PLACING + COMPACTING BASE MATERIAL.

GRANITE GRADING + ROLLING AT SUBPONS AND NORTH OF BLDGS & AROUND BLDG 125.

ERRG PERSONNEL SENT HOME @ APPROXIMATELY 9 AM AFTER WATER TRUCK STRUCK THE S.E. CORNER OF BLDG 117.

Signed: [signature] Date: 7/9/13

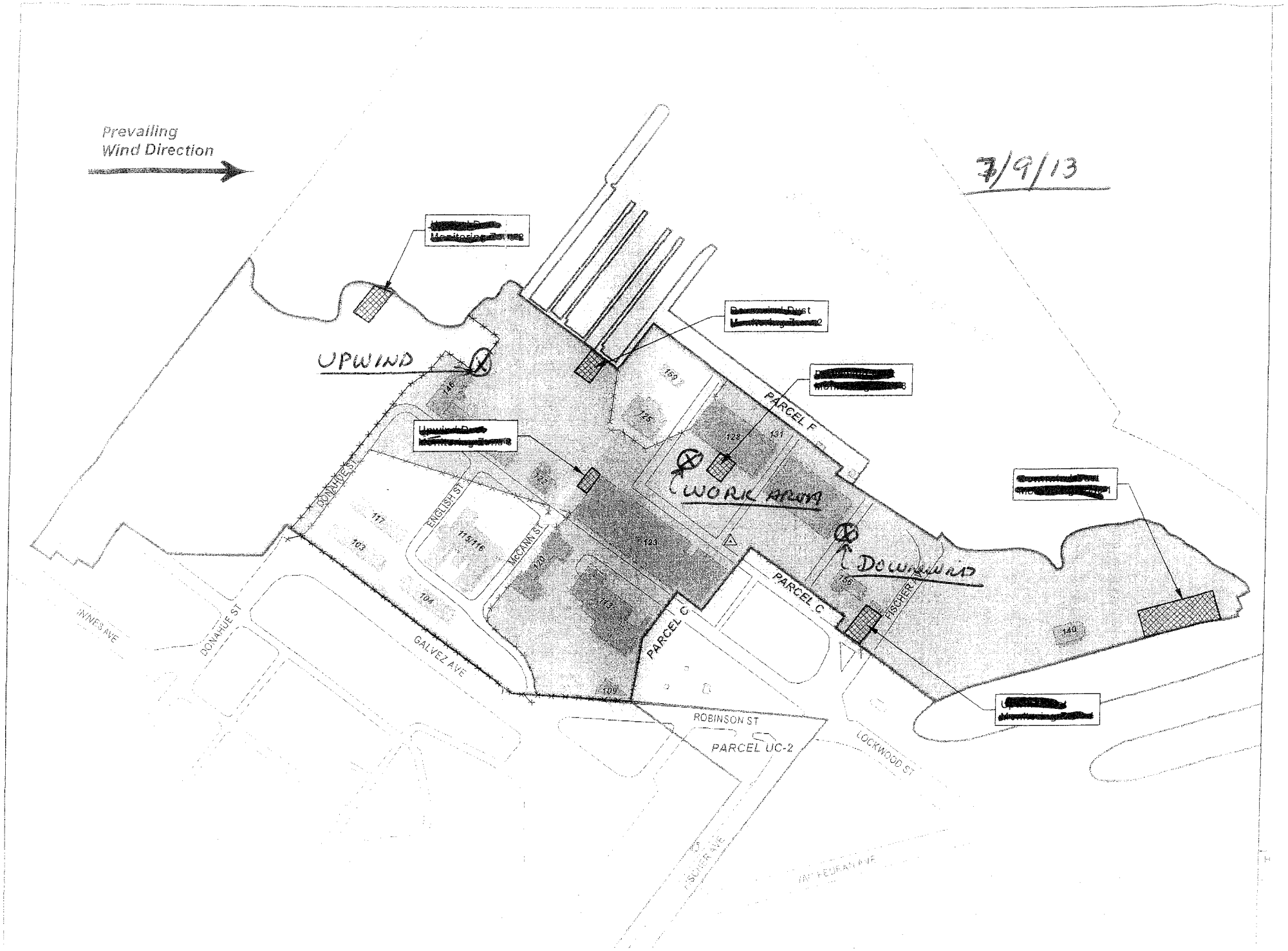
ERRG

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 / LAYDOWN FENCE MOTOR # 1161	7/9/13	0744	0.000	0.000	WORK STOPPED. MOTOR SHUT DOWN.
WORK AREA / POLE OUT OF BLDG 125 / # 1008	7/9/13	0746	0.027	0.029	
DOWNWIND / EAST END OF BLDG 130 / # 10973	7/9/13	0748	0.000	0.006	



Prevailing
Wind Direction
7/9/13
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
ROBINSON ST
LOCKWOOD ST
GALVEZ AVE
DONAHUE ST
INNES AVE
ENGLISH ST
McCANN ST
FISCHER AVE
146
159
125
128
131
122
117
103
115/116
120
123
104
113
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/09/13

REPORT NO 164

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
05	Performed fine grading of the aggregate base
	course placed between Building 123 and Building 113, and the area south of Building 120 and Building 113, using a motor grader equipped
	with a GPS-guided blade. Verified that the activities complied with the Asphalt Cover Installation checklist.
	Performed compaction testing of the aggregate base course, using the nuclear moisture/density gauge and the sand cone methods (see attached
	compaction test report).
05	Granite Construction performed fine grading and compaction of the aggregate base course. Prepared the site west of Building 125 for paving.

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
05	At approximately 8:30 AM, a 2000 gallon water truck rolled backwards down the driveway between Buildings 103 and 104. The truck hit the south
	corner of Building 117, causing damage to the building corner and one window. No injuries occurred during the incident. ERRG notified the ROICC, CSO,
	Lead RPM, and ERRG corporate management, and blocked access to the building. ERRG management implemented an activity stand down for ERRG
	employees. ERRG then called a structural engineer to the site to evaluate the integrity of the building, and develop a shoring and repair plan for rebuilding
	the damaged wall. ERRG will leave the truck in place until a subcontractor has shored up the wall, and then the subcontractor will repair the damaged section.

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 — 07/09/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/09/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**	**X**			Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**	**X**			Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13, 7/9/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration					

QC Manager: Spencer Slominski	Date: 07/09/13

ERRG
... Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.
Page ___ of ___

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No. CPN MC3
Date/Time 7-9-13	Job No 2012 037	Project/Location HPNS	Source Material Am-241 / Cs-137	Density Std. 35757
Inspector F. LOZA	Project Engineer SPENCER S.	Other		Moisture Std 7839
Curve No. 8	Max. Density (PCF) 124.9	Min. Density (PCF)	Optimum Water (%) 8.0	Equipment in Use ROLLER
Specified % Compaction 95%	Specified % Water +/-		Lab Test Method ASTM D-1557	Field Test Method ASTM D-2922 ASTM D-3017

Gauge Readings

Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
46		3"	129.3	10.3	119.0	8.69	95%		
47			129.6	11.0	119.6	9.31	95%		
48			130.2	11.6	118.6	10.31	95%		
49			129.8	10.6	119.2	9.71	95%		
50			131.0	11.6	119.4	10.03	96%		
51			130.1	10.5	119.6	8.78	96%		
52			129.6	10.8	118.8	9.71	95%		
53			130.6	10.7	119.9	9.37	96%		
54			129.9	9.9	120.0	8.81	96%		
55			129.5	10.8	118.7	9.73	95%		
56			131.2	10.31	120.8	9.71	97%		
		Average							

Remarks:

TEST # 46 SC-3

Inspector: Reviewed:

ERRG
[illegible] Mason Circle, Suite A
Concord, CA 04520
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.
Page ____ of ____

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

Date/Time	Job No	Project/Location	Source Material	Gauge No. CDN MC3
7-9-13	2012 037	HPNS	Am-241 / Cs-137	Density Std. 35755
Inspector	Project Engineer	Other		Moisture Std
F. LOZA	SPENCER S.			7839

Curve No.	Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
8	124.9		8.0	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
57		3"	128.5	9.9	118.6	8.75	95%		@ grade
58			129.3	10.3	119.0	9.09	95%		
59			129.0	10.6	118.4	9.31	95%		
60			128.3	9.8	118.5	8.41	95%		
61			130.2	11.9	118.3	10.04	95%		
62			128.7	10.2	118.5	9.13	95%		
63			129.7	10.6	119.1	9.07	95%		
64			129.0	10.1	118.9	9.06	95%		
65			130.5	11.2	119.3	10.17	96%		
66			131.3	11.7	119.6	10.38	96%		
67			130.1	10.9	119.2	9.71	95%		
		Average							

Remarks: _____

Inspector: _____ Reviewed: _____

ERRG
Environmental Resources Group, Inc.
1[illegible] Mason Circle, Suite A
Concord, CA 94520
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.
Page ____ of ____

SOILS TESTING NUCLEAR DENSITY/MOISTURE GAUGE FIELD TEST REPORT

				Gauge No.
Date/Time	Job No	Project/Location	Source Material Am-241 / Cs-137	Density Std.
Inspector	Project Engineer	Other		Moisture Std
Curve No	Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use

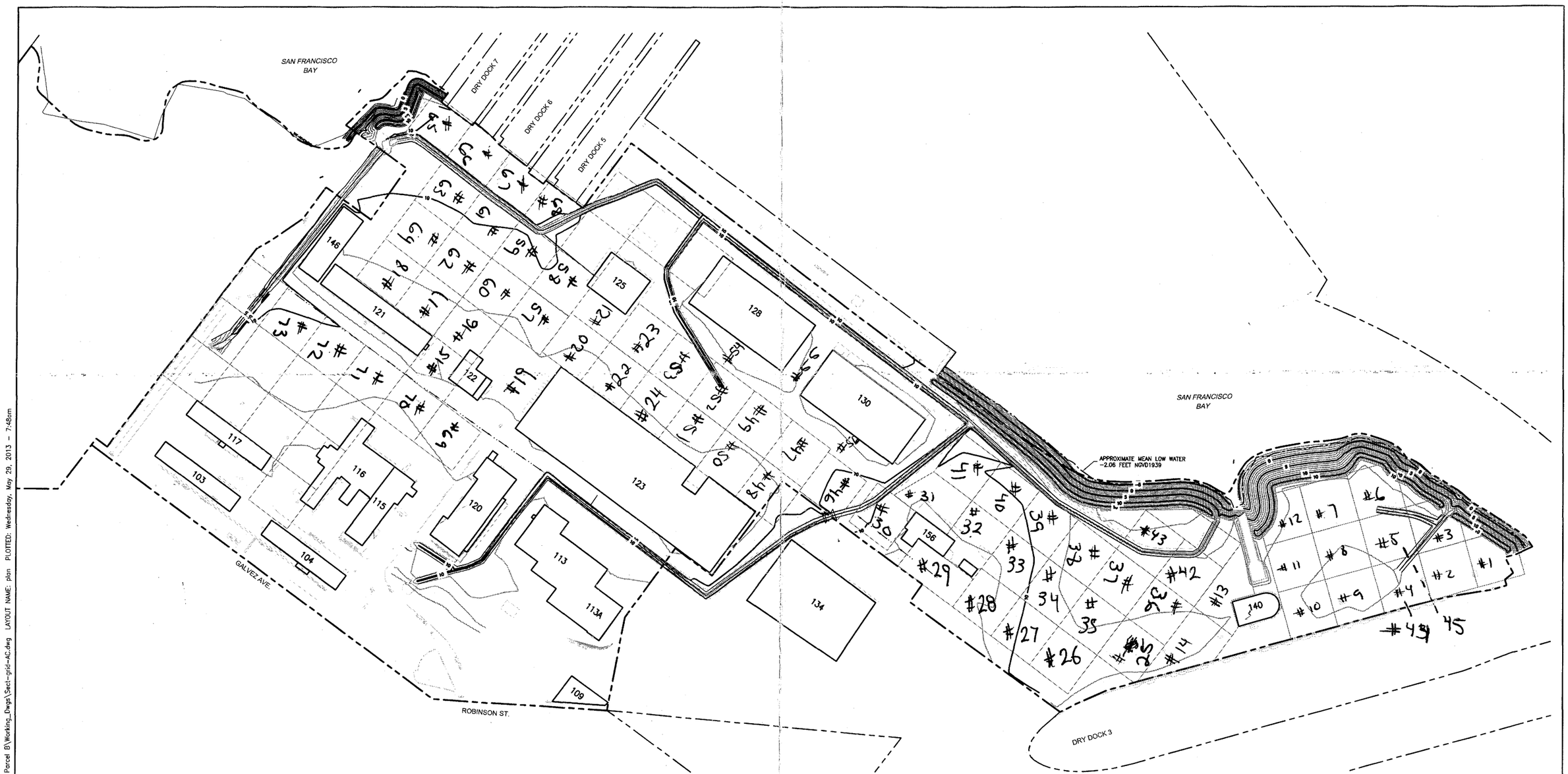
Specified % Compaction	Specified % Water	Lab Test Method	Field Test Method
		ASTM D-1557	ASTM D-2922 ASTM D-3017

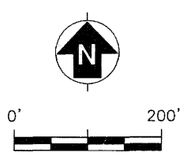
Gauge Readings

Test No.	Retest	Test Depth	Total Density	Total Water	Dry Density	% Water	%Proctor (% compact)	Location	Elevation
68		3"	131.1	11.3	119.8	10.71	96%	@ grade →	
69			130.0	11.5	118.5	9.74	95%		
		Average							

Remarks

Inspector: ____ Reviewed: ____





SCALE: 1"=200'

ERRG Engineering/Remediation Resources Group, Inc. 115 Sansome St., Suite 200 San Francisco, California 94104 (415) 395-9974	CLIENT: DEPARTMENT OF NAVY, NAVAL FACILITIES ENGINEERING COMMAND, BRAC PMO WEST	PLAN VIEW SECTION GRID 100X100		
	LOCATION: HUNTERS POINT NAVAL SHIPYARD SAN FRANCISCO, CALIFORNIA	DRAWN BY: SC 05/28/13	CHECKED BY: JS 05/28/13	PROJECT NO. 2012-037	FIG NO. 1

FILE NAME: N:\Graphics\2012\2012-037 HPS Parcel B\Working_Dwgs\Sect-grid-AC.dwg LAYOUT NAME: plan PLOTTED: Wednesday, May 29, 2013 - 7:48am

Photo 1: Asphalt Cover Installation – Fine grading of the aggregate base course west of Building 125

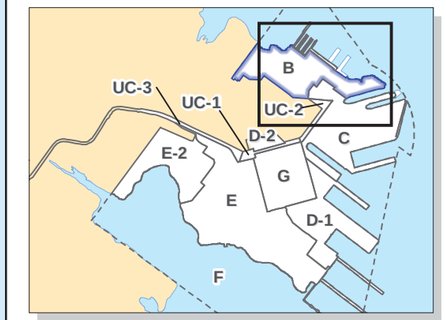
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 9, 2013

Photo 2: Asphalt Cover Installation – Aggregate base course in the swale west of Building 125 prepared for paving

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 9, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/10/13	REPORT NO: 165
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 76	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	8
05	Fine grading and compacting around building 123,	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
		ERRG	2	Equipment Operators	24
05	Ground crew working placing and compacting AB against all buildings.	ERRG	3	Laborers	8
		ERRG	1	Truck Drivers	8
		ERRG	1	SVE Tech	8
		Harris Blade	1	Motor Grader Operator	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	156
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	22,375
TOTAL WORK HOURS FROM START OF CONSTRUCTION	22,531

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	ERRG	Freightliner 2000 gallon water truck	0
05	Granite	Cat 14H Motor Grader	8
05	Granite	Freightliner 4000 gallon water truck	8
05	Grainte	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	0
05	Granite	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS

James Nores — 07/10/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/10/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	165 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	76
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Site Prep Fine grading and compaction	Granite Construction	2	Laborers	16
05	Site Prep Fine grading and compaction	Granite Construction	4	Operators	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	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	8
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	JS Cole	Cat 972 Loader	0
05	ERRG	nuclear denisity gauge	0
05	Kevin Lawson	4000 gal water truck	8

Schedule Activity No.	REMARKS

James Nores 07/10/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/10/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK PLACE + COMPACT BASE - BOTH ERRG + GRANITE

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT (EYE CONTACT), SEAT BELTS, STIF

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
David English	Harris	[signature]
Adolfo Madrigal	ERRG	Adolfo M.
F. Loza	ERRG	[signature]
Tony Green	ERRG	[signature]
Jeremy Aguiar	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Robert Ward	Granite	[signature]
Rich Townsend	EGGR	[signature]
Dan Stanks	Granite	[signature]
Rick Moats	Granite	[signature]
Dan Thompson	Granite	Daniel Thompson
Anthony Torres	GCC	[signature]
Spencer Glomagli	ERRG	[signature]
Mike Babst	ERRG	[signature]
Michael Goymerac	ERRG	[signature]
Jason Cavanaugh	Granite	Jason Cavanaugh
Kevin Lawson	Lawson	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT ~~James Nores~~ King Bmoy

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 13 BASE [illegible] # 14 PAVING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	~~James Nores~~ KING BAILY	[signature]	7-10-13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	7/10/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	7/10/13 0700
Employee(s):	David English	[signature]	7-10-13 0700
	Fernando Loza	[signature]	7-10-13 0700
	Adolfo Madrigal	Adolfo M.	7-10-13 0700
	JEREMY ALVIAR	[signature]	7-10-13 0700
	Toney Green	[signature]	7-10-13 0700
	Spencer Johnson	[signature]	7/10/13 0700
	Rick Townsend	[signature]	7/10/13 0700
	Robert WARD	[signature]	7/10/13 0700
	Rick Moay	[signature]	7/10/13 0700
	Dan Thompson	Dan Thomp	7/10/13 0700
	ANTHONY TORRES	[signature]	7/10/13 0700
	DAN G.C. STARKS	[signature]	7/10/13 0700
	Mike Babst	[signature]	7/10/13 0700
	Michael Goymerac	[signature]	7/10/13 0700
	Jason Cavanaugh	Jason Cavanaugh	7/10/13 0700
	KEVIN LAWSON	[signature]	7-11-13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	7/10/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	FOG + OVERCAST TO CLEAR	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

PLACING + COMPACTING BASE MATERIAL SOUTH OF BLDG 123, NORTH OF BLDG 115/116, WEST OF BLDG 116 + AROUND BLDG. 120.

GRANITE FILL GRADING + COMPACTING FROM DRY DOCK A3 TOWARD BLDG 156 + THE SWALE WEST OF BLDG 156. COMPACTING AROUND BLDG 125.

EQUIPMENT (CRAFT) MOTOR GRADER, ROLLER, WATER TRUCK, SKID LOADER, 2 KUBOTAS

Signed: [signature] Date: 7/10/13

ERRG

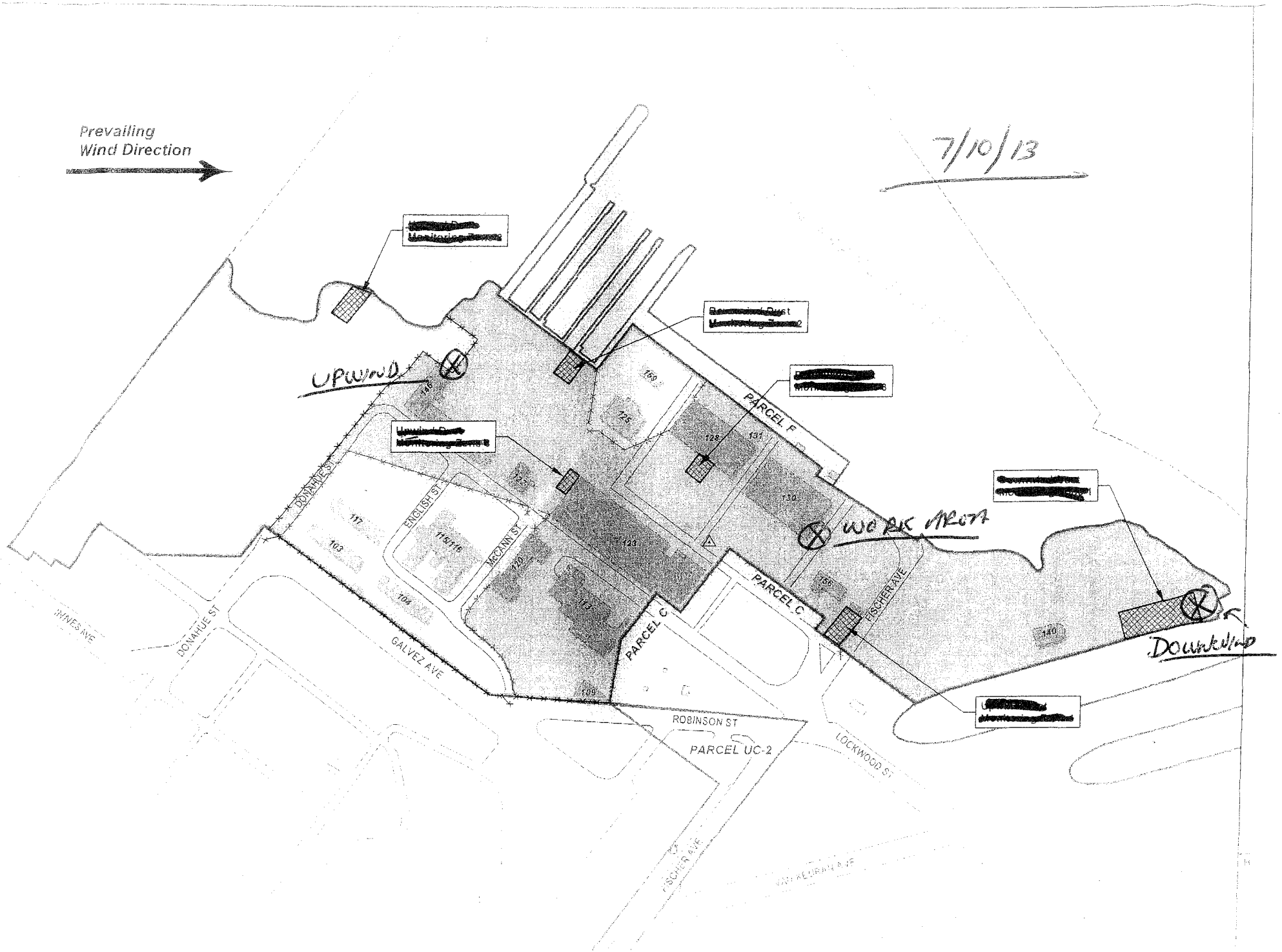
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

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 / LAYDOWN FENCE / MOTOR # 1161	7/10/13	0731	0.000	0.010	
		0917	0.000	0.000	
		1122	0.000	0.000	
		1310	0.006	0.000	
WORK AREA / EAST END OF BLDG. 130 / # 1008	7/10/13	0736	0.036	0.039	
		0941	0.016	0.032	
		1125	0.030	0.032	
		1312	0.091	0.033	
DOWNWIND / DD#3 @ SHORELINE / # 10973	7/10/13	0747	0.031	0.042	
		0943	0.000	0.001	
		1130	0.018	0.003	
		1314	0.013	0.004	



Prevailing
Wind Direction
7/10/13
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
LOCKWOOD ST
FISCHER AVE
FISCHER AVE
VAN KEURAN AVE
117
103
104
115/116
120
123
125
128
131
130
156
140
109

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/10/13

REPORT NO 165

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
05	Performed fine grading and compaction of the aggregate base course placed between Building 123 and Building 130, between Building 115 and
	Building 120, and adjacent to the swale along Donahue St. Fine grading performed using a motor grader equipped with a GPS-guided blade.
	Performed fine grading and compaction of the aggregate base course in the swale between Building 113 and Building 120. Installed aggregate
	base course by hand on the southwest perimeter of Building 103 and Building 117.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Granite Construction continued fine grading and compaction of the aggregate base course, and layout for asphalt paving.

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 — 07/10/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/10/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**	**X**			Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**	**X**			Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13, 7/9/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured				**X**	
Calibration					

QC Manager: Spencer Slominski	Date: 07/10/13

Photo 1: Asphalt Cover Installation – Fine grading of the aggregate base course between Building 115 and Building 120

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 10, 2013

Photo 2: Asphalt Cover Installation – Fine grading of aggregate base course adjacent to the swale along Donahue St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 10, 2013

Photo 3: Asphalt Cover Installation – Compacting the aggregate base course in the swale between Building 115 and Building 120

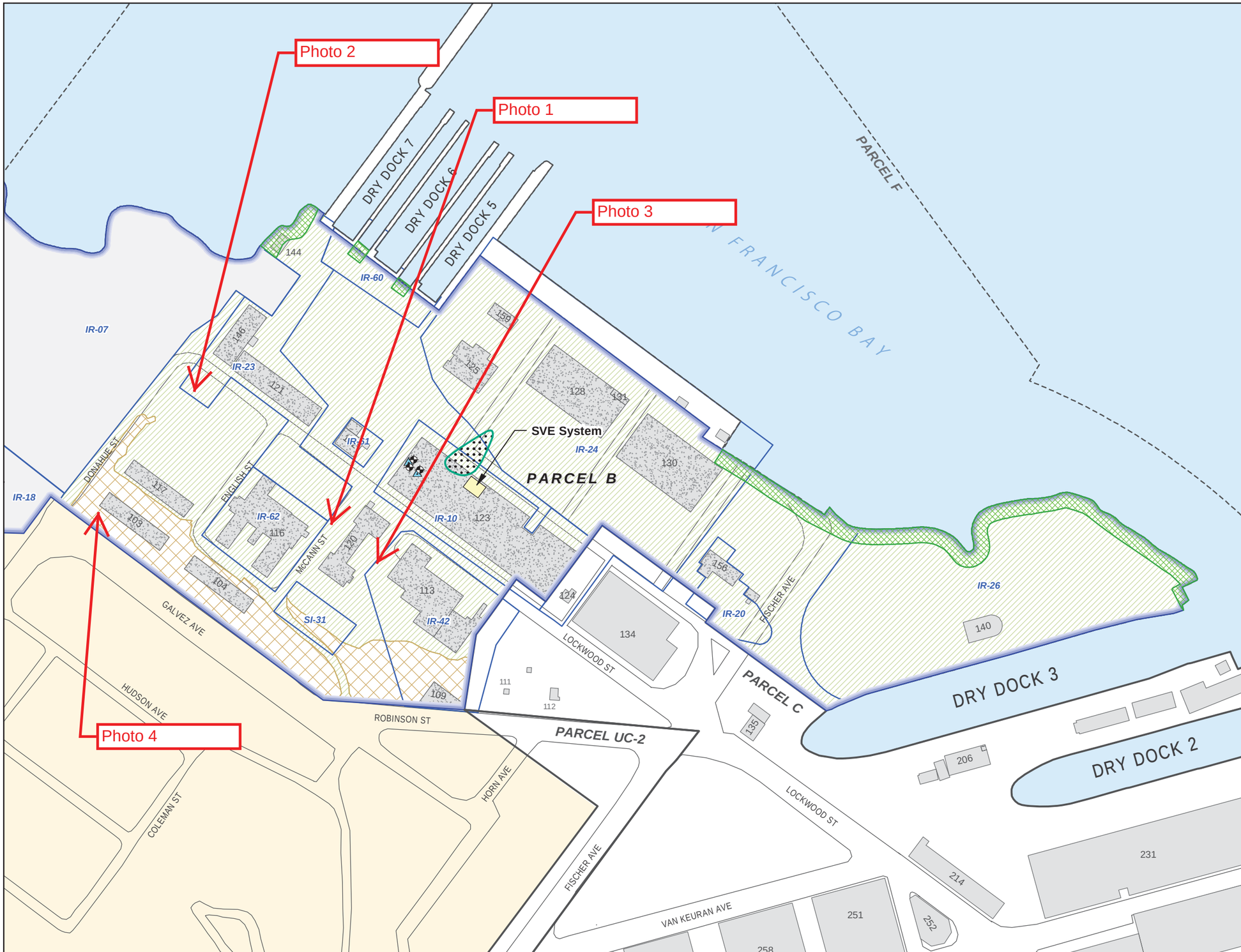
HPNS Parcel B Remedial Action, San Francisco, California

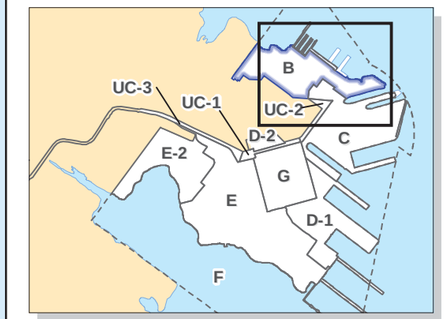
Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 10, 2013

Photo 4: Asphalt Cover Installation – Aggregate base course installed at the west corner of Building 103

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 10, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/11/13	REPORT NO: 166
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 76	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	10
05	Fine grading and compacting around buildings,	ERRG	1	H&S Officer	10
	2 Transfer trucks importing AB.	ERRG	2	QC Staff	20
		ERRG	2	Equipment Operators	20
05	Ground crew working placing and compacting AB against all buildings.	ERRG	3	Laborers	28
		ERRG	1	Truck Drivers	0
		ERRG	1	SVE Tech	0
		Harris Blade	1	Motor Grader Operator	8

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: 168
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: 22,531
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	TOTAL WORK HOURS FROM START OF CONSTRUCTION: 22,699
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		16 loads (359.60 tons) 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	20
05	Granite	5 ton Smooth Drum Roller	8
05	Granite	Cat 14H Motor Grader	8
05	Granite	Freightliner 4000 gallon water truck	8
05	Grainte	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	0
05	Granite	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Continue Prep work for paving activities. ERRG working on AB placement, Granite Paving supervisors on site to coordinate paving activities for next week.
	Doherty Restoration onsite at 1:30pm to start the shoring of Building 117. Crew stays late to assist in removal of water truck. Truck removed successfully, building secured.
	Contractor will return Monday to continue work on repairs. Water truck has been "red tagged" until further inspection and clearance for operation.

James Nores 07/11/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/11/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	166 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	76
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Site Prep Fine grading and compaction	Granite Construction	2	laborers	16
05	Site Prep Fine grading and compaction	Granite Construction	4	Operators	32
05	Shoring and repair of Building 117	Doherty Restoration	4	Carpenters	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	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	8
05	ERRG	JD 210 Skip Loader	10
05	United Rentals	84" Smooth Drum Roller	8
05	ERRG	JD 710 Backhoe	0
05	United Rentals	66" Smooth Drum Roller	
05	ERRG	nuclear denisity gauge	0
05	Kevin Lawson	4000 gal water truck	8

Schedule Activity No.	REMARKS
05	Granite Construction deliveries of Paving machine and Feeder, initial inspections preformed.

James Nores 07/11/13

CONTRACTOR/SUPERINTENDENT DATE

ERRC

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/11/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK PLACE + COMPACT BASE, GRANITE - PREP BASE FOR PAVING, IMPORT BASE

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, EYE CONTACT, AWARENESS

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
Dan Rodriguez	ERRC	
Nate Mendez	ERRC	
F. Loza	ERRC	
David Tuglisch	Harris	
Kevin Lawson	Lawson	
Robert Ward	Granite	
Dan G.C. Siarto	Granite	
Rick Mata	Granite	
Brian Kerr	Granite	
Jason Cummings	Granite	
Anthony Terrell	Granite	
Ben Thenglein	Granite	
Spencer Johnson	ERRC	
Mike Bahrat	ERRC	
Jeremy Flowers	ERRC	
Spencer Hoard	ERRC	
Terry Denton	Granite	
Ray Malarsetto	Granite	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT ~~James Nores~~ King Bailey

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Robert Foster	ERRG	[signature]
Jesse Toor	Gregis	[signature]
[illegible]	ERRG	[signature]
[illegible]	[illegible]	[signature]
Michael Dorine	Doherty Restoration	[signature]
Carlos Guerrero	" "	Carlos
Damien Battiston	" "	Damien Battiston
Brandon Sander	ERRG	[signature]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: BLDG 117 REPAIR 13 BASE INSTALL #14 ASPH PAVING

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	~~James Nores~~ KING BAILEY	[signature]	7-11-13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	7/11/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	7/11/13 0700
Employee(s):	P Rodriguez	[signature]	7-11-13 0700
	F. LOZA	[signature]	7-11-13 0700
	Adolfo Madrigal	Adolfo M.	7-11-13 0700
	David English	[signature]	7-11-13 0700
	KEVIN LAWSON	[signature]	7-11-13 0700
	Dan Thompson	[signature]	7-11-13 0700
	DAN G.C. STARKS	[signature]	7-11-13 0700
	Robert WARD	[signature]	7-11-13 0700
	Brian Kerr	[signature]	7-11-13 0700
	RICK MOAN	[signature]	7-11-13 0700
	ANTHONY TORRES	[signature]	7-11-13 0700
	JASON CAVANAUGH	[signature]	7-11-13 0700
	Spencer Johnson	[signature]	7/11/13 0700
	Mike Babish	[signature]	7/11/13 0700
	JEREMY AGUIAR	[signature]	7-11-13 0700
	TRACY Denton	[signature]	7-11-13 9 AM
	Jake Graham	[signature]	7-11-13 9 AM
	RAY Navarrette	[signature]	7-11-13 9 AM

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	THURSDAY	Date:	7/11/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST TO CLEAR + WINDY	Page:	1 of 1
Site Visitors:	GRANITE - JOHN GRAHAL, RAY WOOLERY, ANDY IRNSWIND.		

Description of Field Activities:

IMPORT BASE MATERIAL WITH 2 TRANSFER DUMP TRUCKS

PLACE + COMPACT BASE ON McCANN AVE AND AREA AROUND TENANT BUILDINGS.

GRANITE - PAVING PREP ACTIVITIES

BLDG #17 REPAIR - REMOVED SIDING IN EFFECTIVE AREA + BAGGED FOR DISPOSAL.

DOCUMENTS RESTORATION - INSTALLING SHORING PER ENGR'S DESIGN.

EQUIPMENT - MOTOR GRADER, SKIP LOADER, ROLLER, WATER TRUCK, 2 KUBOTAS

Signed: [signature] Date: 7/11/13

ERRG

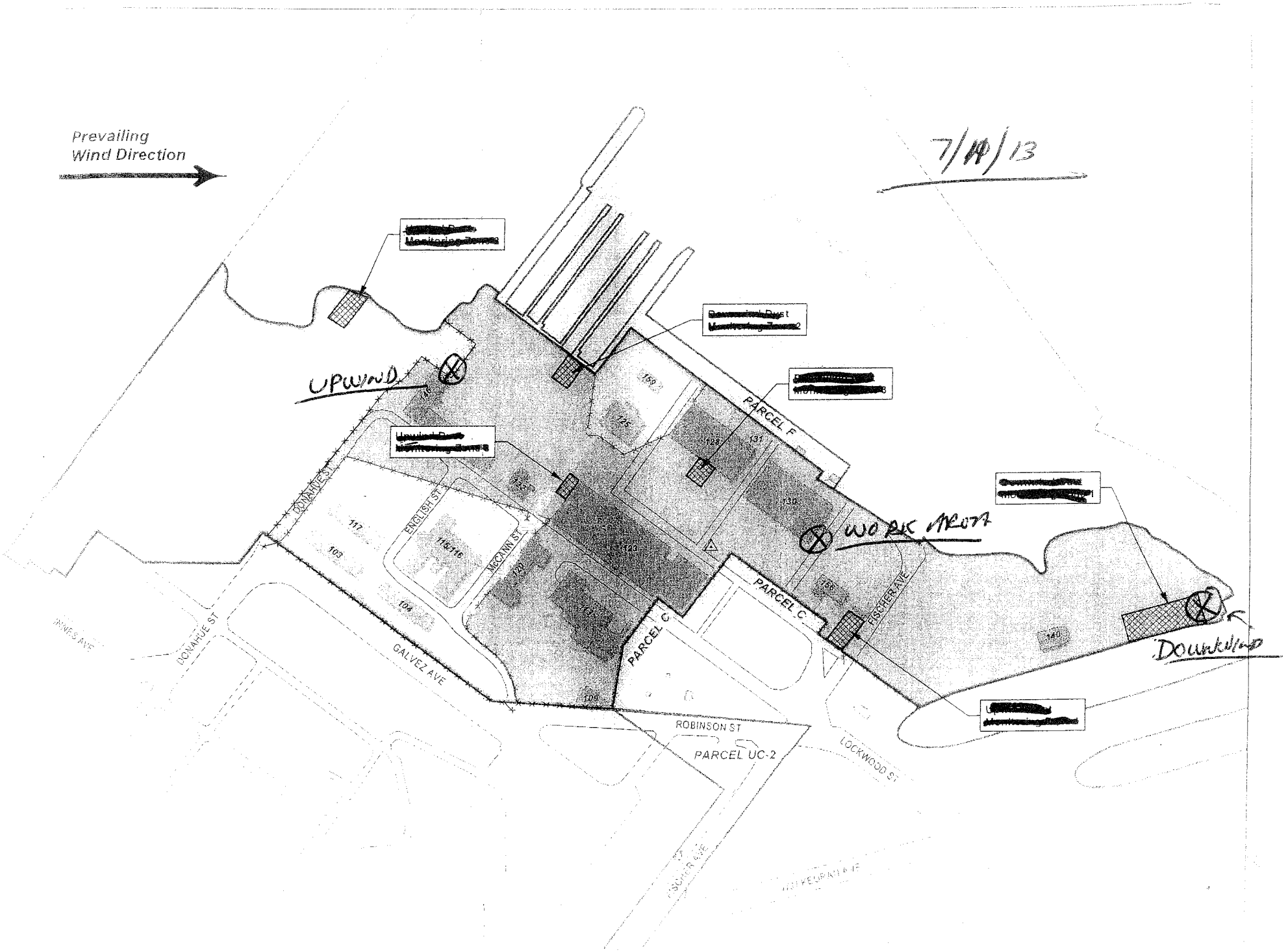
AIR MONITORING LOG SHEET

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: ____ of ____
Standard Used: Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN	7/11/13	0722	0.000	0.000	
FENCE / PANEL# 1161		1008	0.000	0.000	
		1130	0.000	0.000	
		1420	—	—	BOTTOM DOWN
WORK AREA / EAST END	7/11/13	0724	0.029	0.032	
BLDG 130 / # 1008		1010	0.027	0.027	
		1131	0.041	0.031	
		1424	0.061	0.054	
DOWNWIND / DD#3	7/11/13	0727	0.006	0.012	
@ SHADOWS / # 10973		1012	—	—	BATT. DOWN
		1020	0.037	0.023	
		1133	0.029	0.026	
		1426	0.041	0.039	



Prevailing
Wind Direction
7/10/13
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
INNES AVE

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/11/13

REPORT NO 166

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
05	Imported aggregate base material and placed on the road between Building 104 and Building 115, and adjacent to the swale along Donahue St.
	Performed fine grading of the aggregate base course using a motor grader equipped with a GPS-guided blade. Compacted the aggregate
	base course using a smooth-drum roller.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Granite Construction continued fine grading and compaction of the aggregate base course, and continued layout for asphalt paving.

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
05	Doherty Restoration installed shoring at the south corner of Building 117 to support the damaged exterior wall; shoring installed per the Shoring
	and Repair Design Plan developed by the structural engineer. After the building was shored, ERRG removed the water truck and secured
	the building with temporary sheathing.

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 — 07/11/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/11/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13, 7/9/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/11/13

Photo 1: Asphalt Cover Installation – Placing aggregate base course on the road between Building 104 and Building 115

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 11, 2013

Photo 2: Asphalt Cover Installation – Compacting the aggregate base course installed adjacent to the swale along Donahue St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 11, 2013

Photo 3: Asphalt Cover Installation – Shoring installed at the south corner of Building 117 to support the damaged section of the exterior stud wall

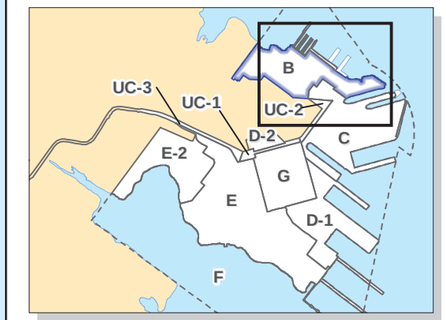
HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 11, 2013

Photo 4: Asphalt Cover Installation – Shoring and temporary sheathing installed at the south corner of Building 117 to secure the building

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 11, 2013



Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/12/13	REPORT NO: 167
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 76	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	8
05	Fine grading and compacting around buildings	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
		ERRG	2	Equipment Operators	16
05	Ground crew working placing and compacting against all buildings.	ERRG	3	Laborers	24
		ERRG	1	Truck Drivers	0
		ERRG	1	SVE Tech	0
		Harris Blade	1	Motor Grader Operator	7

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: 95
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: 22699
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 22,794

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		2 Transfer trucks hauled 10 loads (226.72 tons) 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	2ea Kubota off road vehicles	16
05	Granite	5 ton Smooth Drum Roller	0
05	Granite	Cat 14H Motor Grader	0
05	Granite	Freightliner 4000 gallon water truck	0
05	Grainte	JD 210 Skip Loader	0
05	Harris Blade	Top Gun Street Sweeper	0
05	Granite	Cat 84" Smooth drum Roller	0

Schedule Activity No.	REMARKS
05	Hauling AB into the swale next to Site 7&18, grading & compacting
	Hauling AB into driveway up to building 104, grading and compacting
	Granite Construction not working today
	Kleinfelder onsite today working on wells next to building 130

James Nores — 07/12/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/12/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	167 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	76
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Site Prep Fine grading and compaction	Granite Construction	2	laborers	0
05	Site Prep Fine grading and compaction	Granite Construction	4	Operators	0
05	Shoring and repair of Building 117	Doherty Restoration	4	Carpenters	0

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	☐ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	☐ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	☐ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	☐ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Harris Blade	Cat 14H Motor Grader	7
05	ERRG	JD 210 Skip Loader	8
05	United Rentals	84" Smooth Drum Roller	5
05	ERRG	JD 710 Backhoe	0
05	United Rentals	66" Smooth Drum Roller	3
05	ERRG	nuclear denisity gauge	0
05	Kevin Lawson	4000 gal water truck	8

Schedule Activity No.	REMARKS

James Nores 07/12/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS CONTRACT # N62473-09-D-2608

DATE 7/12/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK PLACE & COMPACT BASE, IMPORT BASE

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT, EYE CONTACT, ST&F, LIFTING, TRUCKS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ Yes _____ No

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 PHONE 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 PHONE 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Toney Green	ERRG	[signature]
Brian Kerr	ERRG	[signature]
David English	EARRIS	[signature]
Adolfo Madrigal	ERRG	[signature]
KEVIN LAWSON	LAWSON	[signature]
J. Lozia	ERRG	[signature]
Paul Rodrigues	ERRG	[signature]
Jeremy Aguiar	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Spencer Sjoningh	ERRG	[signature]
[signature]	[illegible]	[signature]
[signature]	CALIFORNIA TRANSIT	MANUEL [illegible]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT ~~James Nores~~ King Bailey

SIGNATURE [signature]

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: 13 Bars Install

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	~~James Nores~~ King Bailey		7-12-13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP		7/12/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Slomiński	Toney Green	7 12 13 0700
Employee(s):	Brian Kerr		7-12-13 0700
	David English		7-12-13 0700
	F. Loza		7-12-13 0700
	Adolfo Madrigal	Adolfo M.	7-12-13 0700
	Kevin Lawson		7-12-13 0700
	Paul Rodriguez		7-12-13 0700
	Jeremy Aguirre		7-12-13 0700
	Mike Batist		7-12-13 0700
	Spencer Johnson		7/12/13 0700

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	7/12/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST TO CLEAR, WINDY	Page:	1 of 1
Site Visitors:	KLEINFELDER - S. MCKENZIE, B. CONNELLY, K. WARNER, K. HELSTOWSKI, J. EISENMAN		

Description of Field Activities:

SPREADING & COMPACTING BASE MATERIAL ALONG PARCELS 7/18 AND BETWEEN BLDGS 103 + 114.

KLEINFELDER MONITORING WELLS NORTH OF BLDG 138 + PULLING CAPS.

IMPORTED BASE MATERIAL WITH 2 TANDEM BOTTOM DUMP TRUCKS

EQUIPMENT: MOTOR GRADER, WATER TRUCK, SKID LOADER 2 ROLLERS, 2 KUBOTAS

Signed: [signature] Date: 7/12/13

ERRG

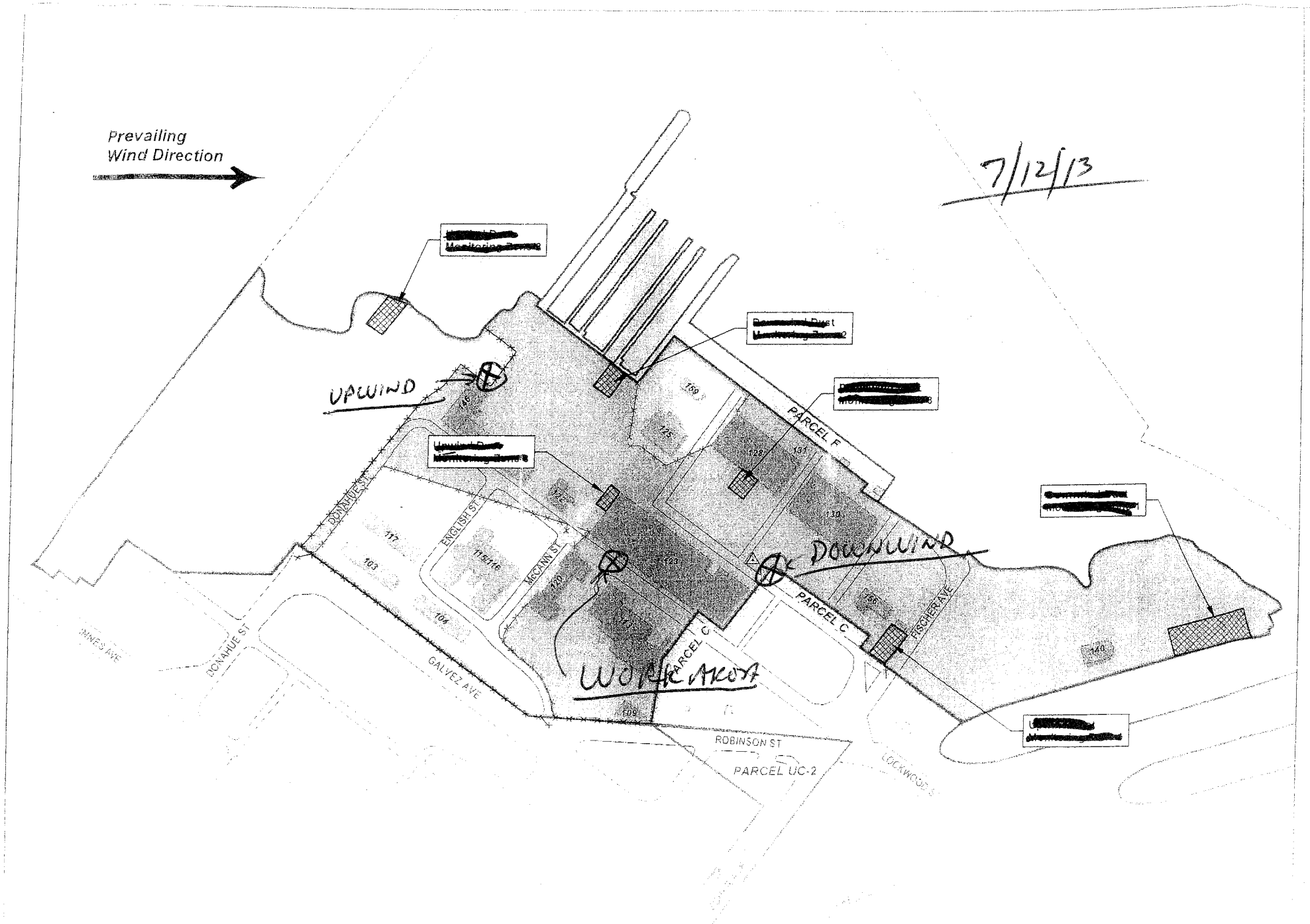
AIR MONITORING LOG SHEET

ERRG

Prepared by: Richard Epp
Project Name: Hunters Point Naval Shipyards
Site Location: Parcel B
Calibration (Date and Time):

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 / LAYDOWN FENCE / MOTOR # 1161	7/12/13	0748	0.000	0.000	
	~~0950~~	0930	—	—	BATT. DEAD
	~~1025~~	1025	0.000	0.000	
		1249	0.000	0.000	
		1346	0.000	0.000	
		1501	0.000	0.000	
WORK AREA / SOUTH SIDE BLDG 123 / # 1008	7/12/13	0803	0.009	0.008	RECALIBRATED
		0952	0.000	0.000	
		1032	0.008	0.001	
		1253	0.037	0.042	CHG. BATTERY
		1348	0.014	0.012	
		1505	0.001	0.003	
DOWNWIND / PARCEL B/C FENCE / # 10973	7/12/13	0754	0.032	0.040	
		0928	0.020	0.032	
		1034	0.028	0.034	
		1134	0.028	0.034	
		1251	0.031	0.040	
		1351	0.030	0.042	
		1507	0.012	0.039	



Prevailing
Wind Direction
7/12/13
UPWIND
DOWNWIND
WORK AREA
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW11077

Project Number / Name: **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7-8-13 06500			7-9-13 06505			7-10-13 06513						7/12/13 6528 BK			
	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~~: crack on passenger side orange plastic
- tailgate ~~on~~ is bent inwards.

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TCU 11038

Project Number / Name: 44NJ, PARCEL B **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	7/1/13 1022.1			7/2/13 1026.3			7/3/13 1029.1			7/5/13 1030.8			MC 7/8/13 1033.1			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and mirrors unbroken?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windshield wipers operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	

Explain corrective actions taken: 7/1/13 – BOLT TIGHTENED
7/8/13 – AIR IN LT. REPAIRED TIRE

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SKID LOADER **Identification Number:** 226-06-0120

Project Number / Name: HPNS **Rental** ☒ **ERRG** ☐ GRANITE

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	FL 7-8-13 ST.1															
	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: CC10 Roller **Identification Number:** _____

Project Number / Name: _____ **Rental** ☐ **ERRG** ☐ GRAVITE

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7-10-13			7-11-13												
	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: _____ **Identification Number:** CRS13-016 HOLT H_2O TRUCK

Project Number / Name: Hunters Point **Rental** ☐ **ERRG** ☐ GRANITE

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/9			7-10			7-11									
	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: CS 563 Cat **Identification Number:**

Project Number / Name: Hunter point **Rental** ☒ **ERRG** ☐ GRANITE

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7-9			7-10			7-11									
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓									None
Tracks			✓	✓			✓									
Steps and handgrips	✓			✓			✓									
Guards on moving parts?	✓			✓			✓									
Engine belts and hoses	✓			✓			✓									
Fluid levels acceptable?	✓			✓			✓									
Loading/lifting capacity marked?	✓			✓			✓									
Seat belt operative?	✓			✓			✓									
Fire extinguisher present?	✓			✓			✓									
Windows and 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

226-06-0120

Equipment Type: 210KEP tractor loader **Identification Number:** 1T8210EKPDG891415

Project Number / Name: Hunters Point **Rental** ☑ **ERRG** ☐ GRANITE

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	RM 7/9/13			7/10/13			7/11/13									
	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: 14H BLADE **Identification Number:** 753501 (B7)

Project Number / Name: Hunters Point **Rental** ☐ **ERRG** ☐ GRANITE

Inspected By (Initials) And Date:	7-9-13			7-10-13			7/11/13									Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓									
Tracks			✓			✓			✓							
Steps and handgrips	✓			✓			✓									
Guards on moving parts?	✓			✓			✓									
Engine belts and hoses	✓			✓			✓									
Fluid levels acceptable?	✓			✓			✓									
Loading/lifting capacity marked?			✓			✓			✓							
Seat belt operative?	✓			✓			✓									
Fire extinguisher present?	✓			✓			✓									
Windows and mirrors unbroken?	✓			✓			✓									
Gauges operative?	✓			✓			✓									
Battery charged?	✓			✓			✓									
Windshield wipers operative?	✓			✓			✓									
Horn operative?	✓			✓			✓									
Back up alarm operative?	✓			✓			✓									
Lights and signals operative?	✓			✓			✓									
Steering and other controls	✓			✓			✓									
Brakes	✓			✓			✓									

Explain corrective actions taken:

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/12/13

REPORT NO 167

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
05	Imported aggregate base material and placed on the driveway between Building 103 and 104, and in the swale along Donahue St.
	Performed fine grading and compaction of the aggregate base course.
	Received sand cone test results for compaction testing of the base course performed on 7/9/13 (see attached sand cone test report).
	Verified that the activities complied with the Asphalt Cover Installation checklist.

REWORK ITEMS IDENTIFIED TODAY (NOT CORRECTED BY CLOSE OF BUSINESS)

Schedule Activity No.	Description

REWORK ITEMS CORRECTED TODAY (FROM REWORK ITEMS LIST)

Schedule Activity No.	Description

REMARKS (Also Explain Any Follow-Up Phase Checklist Item From Above That Was Answered "NO"), Manuf. Rep On-Site, etc.

Schedule Activity No.	Description
05	Kleinfelder decommissioned 4 monitoring wells east of Building 130, including IR24MW05A, IR24MW06A, IR24MW07A, and IR24MW28A.

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 — 07/15/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/12/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**			**X**	
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**			**X**	
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**			**X**	
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**			**X**	
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**			**X**	
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**			**X**	
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13, 7/9/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from AB delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/12/13

ERRG
Engineering/Remediation Resources Group, Inc.
4585 Pacheco Blvd., Suite 200
Martinez, CA 94553
Phone: (925) 969-0750
Fax: (925) 969-0751

Report No.: SC-03
Page 1 of 1

SOILS TESTING SAND CONE DENSITY FIELD TEST REPORT

Date/Time	Job No.	Project/Location		Apparatus No.
7-9-13	2012037	HPNS		10514
Inspector	Project Engineer	Other		
F. LOZA	SPENCER S.			
Curve No.	ρ_m = Max. Density (PCF)	Min. Density (PCF)	Optimum Water (%)	Equipment in Use
8	124.9		8.0	ROLLER
Specified % Compaction	Specified % Water		Lab Test Method	Deviations, Errata
95%			ASTM D-1556 - 90 ASTM D-2216	

ρ_1 = Bulk Density of Density Sand 96.6 (lb/cf)
Date of Last Density Sand Calib. (6-26-13)

M_1 = Mass of Sand to fill Cone & Plate 3.995 (lb)
(As tested on a clean, level, plane surface with matching apparatus and base plate)

		Sand Cone Apparatus			Excavated Soil		See Below			
Test No.	Grid/ Loc.	Initial Mass of Apparatus (lb)	Final Mass of Apparatus (lb)	M_2 = Δ Mass of Apparatus (lb)	$V = (M_2 - M_1)/\rho_1$ (ft^3)	M_3 = *Wet* Mass of Soil Excavated (lb)	w = Moisture Content of Soil (%)	$M_4 = M_3/(w + 100)$	ρ_4 = Dry Density = (M_4/V)	% Rel. Comp = $100\rho_4/\rho_m$
46		16.110	6.535	9.575	0.05776	7.775	4.0	7.476	129.4	104%
61		15.720	6.320	9.400	0.05595	7.545	4.9	7.193	128.6	103%

				Moisture Content Determination by ASTM D-2216					
Test No.	Retest	Location	Elevation	M_5 = Wet Mass of Soil	M_6 = Dried Mass of Soil	M_7 = Dried Mass of Soil	M_8 = Dried Mass of Soil	$W = M_5 - M_8$	w (%) = $100(W/M_8)$
46		(Sample ID: AB-SC-3)		3527 g			3392 g	~~127 g~~	~~3.7~~
61		(Sample ID: AB-SC-4)		3422 g				135 g	4.0
							3261 g	161 g	4.9

Remarks:

Inspector: F. LOZA

Reviewed:

Moisture Content and Sand Cone Samples

Prepared by: S. Johnson
Date: 7-9-13
Project Name: HPNS Parcel B
Project No.: 2012-037
Site Location: San Francisco, CA
Page: 1 of 1

Sample ID	Compaction Test No.	Grid Location	Lift	Nuclear Gauge Moisture Content	Initial Weight (g)	Final Weight (g)
AB-SC-3	46	46	@ Grade	10.3	3527	3382
AB-SC-4	61	61	@ Grade	11.9	3422	3261

Photo 1: Asphalt Cover Installation – Placing aggregate base course in the swale along Donahue St

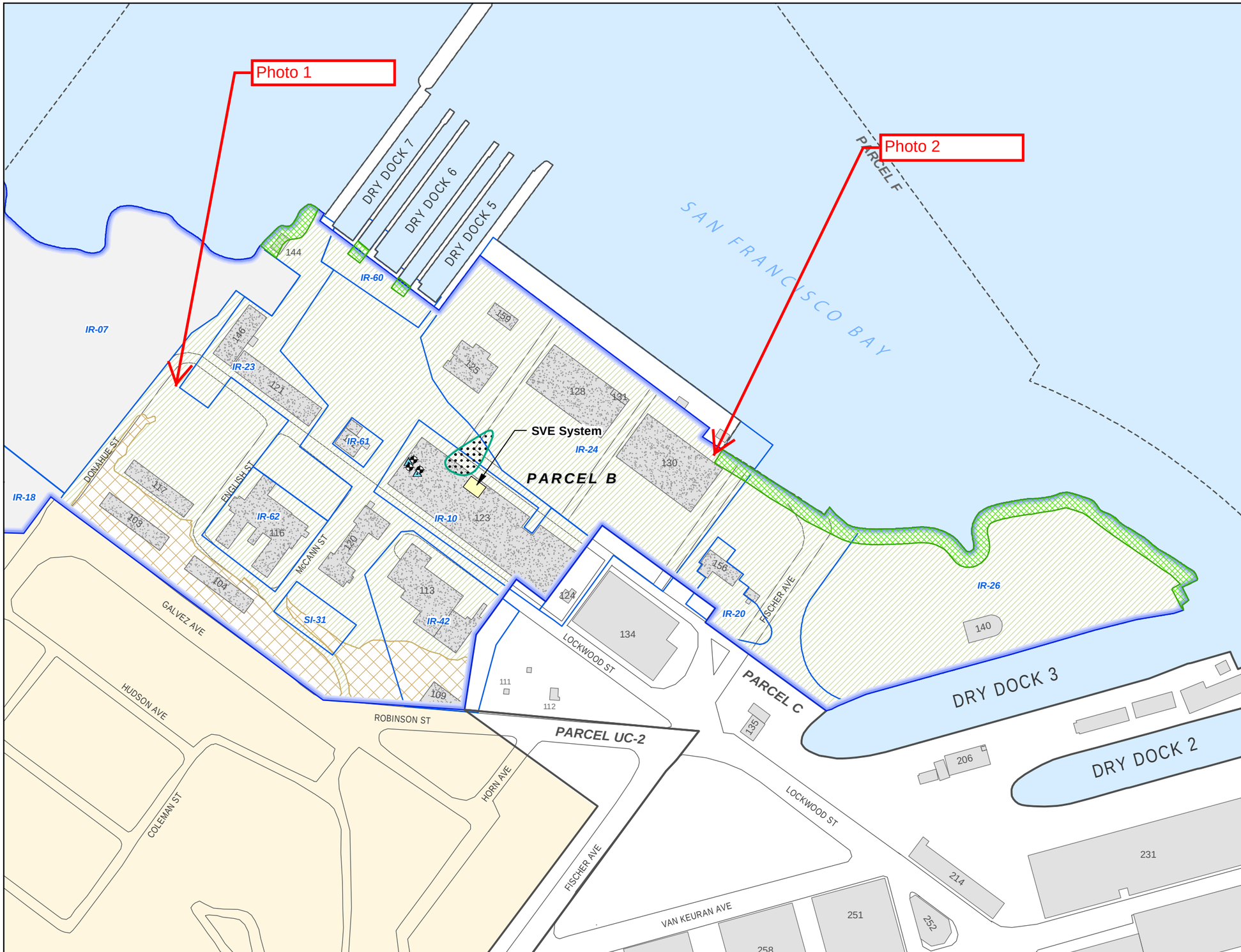
HPNS Parcel B Remedial Action, San Francisco, California

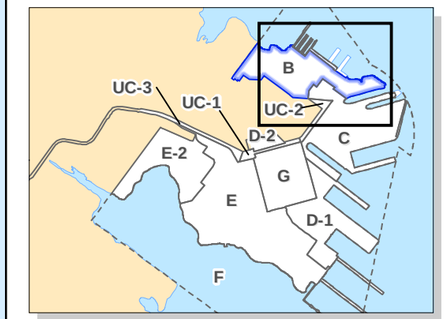
Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 12, 2013

Photo 2: Asphalt Cover Installation – Decommissioned monitoring well IR24MW05A

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 12, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/15/13	REPORT NO: 168
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 64	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	6
		ERRG	1	QC Manager	8
05	Fine grading and compacting around buildings	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	16
05	Ground Crew removing fencing and K-rails along McCann	ERRG	2	Equipment Operators	16
		ERRG	2	Laborers	16

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 228
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: 22,794
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 23,022

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		Granite trucks hauling asphalt; 40 loads (801.10) 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
05	ERRG	70KW Generators (2ea)	24
05	ERRG	1 Kubota off road vehicle	8
05	Granite	5 ton Smooth Drum Roller	8
05	Granite	Cat 14H Motor Grader	6
05	Granite	Freightliner 4000 gallon water truck	8
05	Grainte	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	0
05	Granite	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Granite Construction onsite today start paving
	Granite construction continue fine grading and compaction around the site.
	Doherty Restoration working on the 117 building.

James Nores 07/15/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/15/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	168 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	64
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Site Prep Fine grading and compaction	Granite Construction	5	laborers	40
05	Site Prep Fine grading and compaction	Granite Construction	5	Operators	40
05	Shoring and repair of Building 117	Doherty Restoration	4	Carpenters	36
		Granite Construction	3	Foreman	24
		Granite Construction	1	Truck driver	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
05	Granite	Terex Paver	8
05	ERRG	JD 210 Skip Loader	8
05	Granite	JD 210 Skip loader	8
05	ERRG	JD 710 Backhoe	3
05	Granite	Cat Smooth drum roller 12 ton	8
05	ERRG	nuclear denisity gauge	0
05	Granite	Cat Smooth drum roller 12 ton	8
05	Granite	Cat Smooth Drum roller 5 ton	8

Schedule Activity No.	REMARKS

James Nores 07/15/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/15/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BASE GRADING & COMPACTION, PAVING, BLDG 117 REPAIR

SAFETY TOPICS PRESENTED

SAFETY TOPICS NEW OPERATION, EQUIPMENT, EYE CONTACT, AWARENESS OF SURROUNDINGS

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]
Greg Bailey	ERRG	[signature]
Adolfo Madrigal	ERRG	[signature]
Fa LOZA	ERRG	[signature]
Pete Castaneda	GCC	[signature]
Brian Kilwine	GCC	[signature]
Dave Garcia	GCC	[signature]
Elise JAIME SOZ	GCC	[signature]
Alfonso Manzo	GCC	[signature]
Herb Meyers	GCC	[signature]
Eli Alvarado	GCC	[signature]
Bob Cleland	GCC	[signature]
Brian Anthony Silva	GCC	[signature]
Danny Langdon	GCCO	[signature]
RAY Navarrete	Granite	[signature]
JEREMY AGUIAR	ERRG	[signature]
Mike Babst	ERRG	[signature]
Spencer Johnson	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Robert Ward	Granite	[signature]
Patrick Doherty	Doherty Ation	[signature]
Michael Dunn	D. Closshunt	[signature]
Carlos Guerrero	D. Reyes	Carlos Guerrero
Damien Grattigan	Douglas	Damien Grattigan
John Sourial	ERRG	[signature]
Caitlin Gorman	ERRG	[signature]
Ty Appel	ERRG	[signature]
William Schmidt	ERRG	[signature]
Gabriel Van de Vrugt	Granite	[signature]

SSHO: [redacted] R. EPP SUPERINTENDENT: James Nores

SIGNATURE: SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: #13 Base Estate
#14 Paving
#22 Bldg 117 Repairs

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	7/15/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Brian Kerr	[signature]	7/15/13 0700
	[illegible]	[signature]	7-15-13 0700
	Adolfo Madrigal	Adolfo M.	7-15-13 0700
	F. LOZA	[signature]	7-15-13 0700
	DAN G.C. STARKS	[signature]	7-13-13 0700
	Pete Castaneda	[signature]	7-15-13 7:00
	Brian Kilwine	[signature]	7-15-13 7:00
	DAVE GARCIA	[signature]	7-15-13 700
	Eliseo JAIME SOTO	[signature]	7-15-13 7:00
	Alejandro manzo	[signature]	7-15-13 7:00
	Herb Meyers	[signature]	7-15-13 7:00
	Eli Alvarado	[signature]	7-15-13 7:00
	Brian Anthony Silva	Brian Anthony Silva	7.15.13 7:00
	Bob Cleland	[signature]	7-15-13 700
	Danny Langdon	[signature]	7/15/13 700

pg 2

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: _____

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EAP		
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):			
	DIANA NAVARRO	[signature]	7/15/13 0700
	Ray Navarrete	[signature]	7/15/13 0700
	JEREMY AGUIAR	[signature]	7-15/13 0700
	TRACY DENTON	[signature]	7/15/13 0700
	Mike Babst	[signature]	7/15/13 0700
	Spencer Johnson	[signature]	7/15/13 0700
	PATRICK ROBERTS	[signature]	7/15/13.
	DAMIEN RATTHAN	[signature]	7/15/13
	Michael Daine	[signature]	7/15/13.
	Carlos Guerrero	[signature]	7/13/13

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	7/10/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST TO CLEAR, WINDY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

REMOVED REMAINING FENCE AND K-RAIL ALONG MC CLAW ROAD. CLEANED EDGE GROWTH OF VEGETATION & SQUARED-OFF FILL. TOUCH-UP AROUND BLDG 125 FOR PAVING.

CONCRETE – BEGAN PAVING ALONG CONCRETE WALKWAY AND TO SCALE ALONG THE SUB PONS., PAVING ALONG NORTH EDGE OF BLDG 130. GRADING CREW WORKING BEHIND BLDG. 123 (SOUTH SIDE) AND EAST OF BLDG. 120. GRADING STREET BETWEEN BLDGS 125 + 120.

BLDG 117 ROOM – REMOVED TEMPORARY COVER, REPLACED CONCRETE AND COMPLETED EXTERIOR OF DEMOLITION SITE.

EQUIPMENT – SKIDLOADER, 2 KUBOTAS, BACKHOE

Signed: [signature] Date: 7/10/13

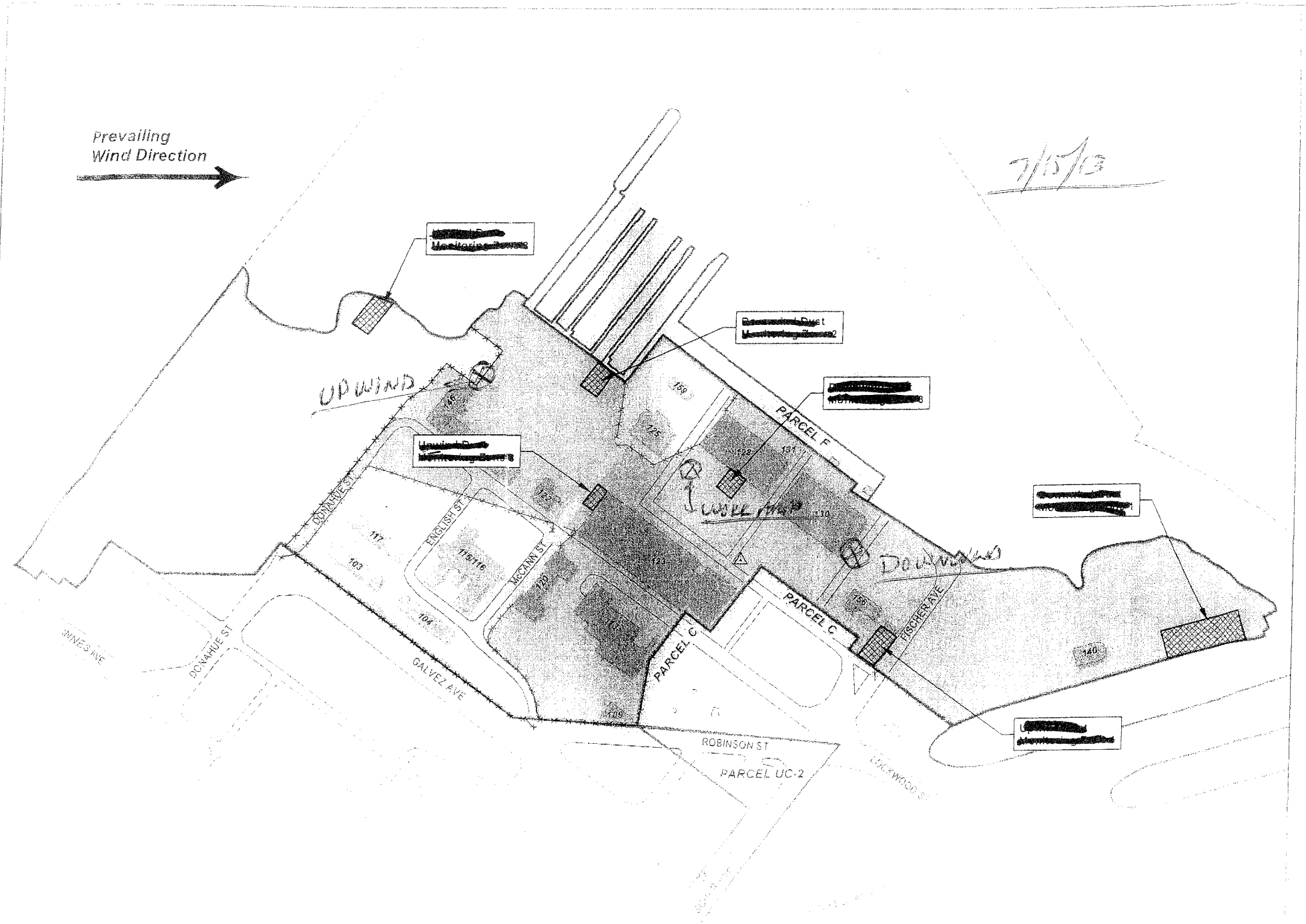
ERRG

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):	7/15/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
Upwind / Laydown Area Fence / Motor # 1161	7/15/13	0753	0.000	0.000	
		0908	0.000	0.000	
		1002	0.000	0.000	
		1101	0.000	0.000	
		1145	0.000	0.000	
		1330	0.000	0.000	
		1425	0.000	0.000	
		1523	0.000	0.000	
WORK AREA / Pole East of Bldg. 125 / # 1008	7/15/13	0749	0.000	0.000	
		0907	0.000	0.013	
		0959	0.000	0.011	
		1103	0.024	0.017	
		1147	0.000	0.014	
		1331	0.033	0.023	
		1427	0.042	0.029	
		1526	0.062	0.032	
Downwind / East end Bldg 130 / # 10973	7/15/13	0743	0.000	0.000	
		0905	0.000	0.003	
		1000	0.000	0.000	
		1104	0.005	0.003	
		1148	0.000	0.000	
		1333	0.010	0.002	
		1428	0.012	0.010	
		1528	0.088	0.025	



Prevailing
Wind Direction
7/15/13
UPWIND
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
ENGLISH ST
McCANN ST
DONAHUE ST
GALVEZ AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
INNES AVE
117
103
104
115/116
120
123
125
128
131
130
156
140
109
146
159

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/15/13

REPORT NO 168

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
05	Continued fine grading and compaction of the aggregate base course around building perimeters.
	Removed the fencing and k-rail barriers along McCann St to prepare for paving.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Granite Construction continued fine grading and compaction of the base course south of Building 123 and between Buildings 115 and 120.
	Started asphalt paving work; installed a 2-inch thick layer ofasphalt pavement over the areas northeast of Buildings 128/130 and between Dry
	Docks 5/6/7 and the swale. Garco Testing Labs collected 3 asphalt core samples for density testing and verification of pavement thickness.

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
	Doherty Restoration performed structural repair of the damaged wall at Building 117; installed in-kind wood framing in the exterior wall section.

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 — 07/15/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

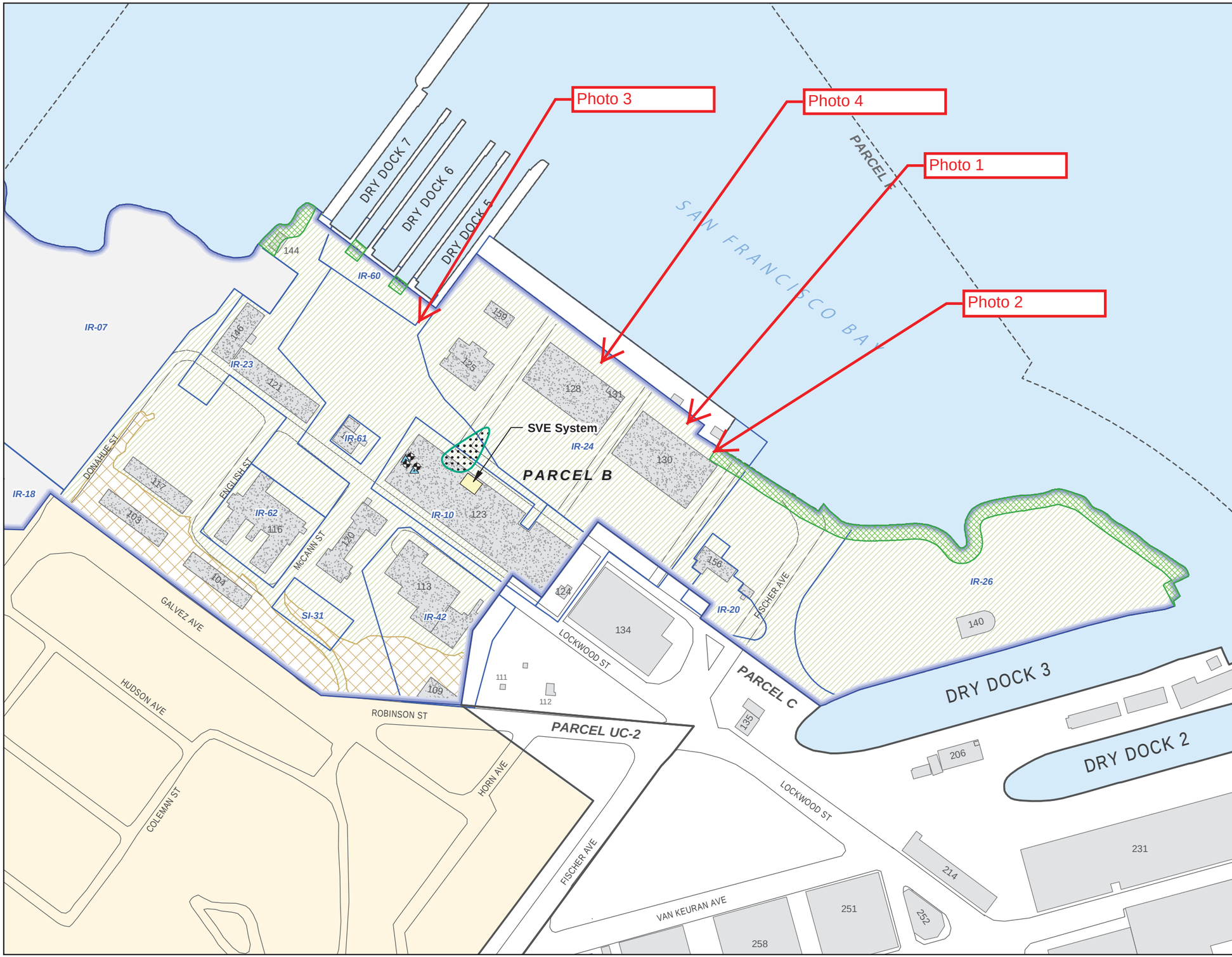
Date: 07/15/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

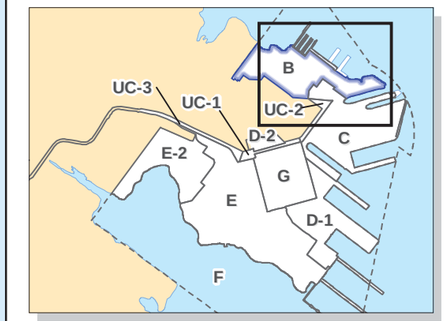
Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**		**X**		
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**	**X**			
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**	**X**			
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**	**X**			Collected core samples 1-1-1A, 1-1-2A, & 1-1-3A
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**	**X**			
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	AB compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13, 7/9/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from asphalt delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/15/13





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

Photo 1: Asphalt Cover Installation – Placing a 2-inch layer of asphalt pavement between Building 130 and the Parcel F boundary

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 15, 2013

Photo 2: Asphalt Cover Installation – Compacting the asphalt pavement placed northeast of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 15, 2013

Photo 3: Asphalt Cover Installation – Placing a 2-inch layer of asphalt pavement south of Dry Docks 5/6/7

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 15, 2013

Photo 4: Asphalt Cover Installation – Asphalt pavement installed over the swale northeast of Building 128

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 15, 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: 07/16/13	REPORT NO: 169
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 63	MIN TEMP (F): 52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Clearing, Site Grading	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes. Repair some cracked PVC fittings	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Fine grading and compacting around buildings	ERRG	1	H&S Officer	8
		ERRG	1	QC Staff	10
05	Ground Crew finishing off AB near outfall east of building 146	ERRG	2	Equipment Operators	9
		ERRG	4	Laborers	31
06	SVE Tech on site performing tests on the system	ERRG	1	SVE Tech	9

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS: 239
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: 23,022
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 23,261

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		Granite trucks hauling asphalt, 49 loads (996.00 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
05	ERRG	70KW Generators (2ea)	48
05	ERRG	2 Kubota off road vehicles	16
05	Granite	5 ton Smooth Drum Roller	8
05	Granite	Cat 14H Motor Grader	8
05	Granite	Freightliner 4000 gallon water truck	8
05	Grainte	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	3
05	Granite	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS
05	Weekly CQC Meeting today with Navy ROICC and ERRG QC and Supervisory staff
05	Doug DeLong CSO on site in the AM to inspect the repairs to building 117.

James Nores 07/16/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/16/13
		REPORT NO: 169 cont.
CONTRACTOR: Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 63 / MIN TEMP (F): 52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Granite crew continue fine grading and compaction	Granite Construction	6	laborers	48
05	Granite crew continue paving around building 125 and behind and between	Granite Construction	6	Operators	48
	buildings 130 and 128	Doherty Restoration	4	Carpenters	32
		Granite Construction	1	Foreman	8
05	Doherty Restoration on site continuing repair work of building 117	Granite Construction	1	Truck driver	8
		Garco	1	Testing engineer (Granite)	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
05	Granite	Terex Paver	8
05	ERRG	JD 210 Skip Loader	8
05	Granite	JD 210 Skip loader	8
05	ERRG	JD 710 Backhoe	0
05	Granite	Cat Smooth drum roller 12 ton	8
05	ERRG	nuclear denisity gauge	4
05	Granite	Cat Smooth drum roller 12 ton	8
05	Granite	Cat Smooth Drum roller 5 ton	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

07/16/13 — DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/16/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK BASE INSTALL ODDS + ENDS, ASPHALT PAVING, COMPLETE CARPENTRY REPAIR ON BLDG 117. SVE SYSTEM

SAFETY TOPICS PRESENTED

SAFETY TOPICS TRUCKS (SPEED), EQUIPMENT (EYE CONTACT) DUST CONTROL

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
Brian Kers	ERRG	
Raul Rodriguez	ERRG	
F. LOZA	ERRG	
JEREMY ABURM	ERRG	
Kenneth Milk	ERRG	
Tracy Dente	Granite	
DAN STARKS	Granite	
Matt Johnston	Granite	
Elise Jamison	Granite	
Brian Kilwine	Granite	
Lorenzo Luce	Granite	
Pete Castaneda	Granite	
Bob Eleland	Granite	
Herb Meyers	Granite	
Alejandro Munoz	Granite	
Danny Lamadon	Granite	
Eli Alvarado	Granite	
Brian Arlen	Granite	
Spencer Slomish	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Dave Garcia	GCC	[illegible]
Ray Navarro Yes	Granite	[illegible]
Rick Morey	Granite	[illegible]
Mike Bryant	ERRG	[illegible]
[illegible]	[illegible]	[illegible]
Patrick [illegible]	[illegible]	[illegible]
Carlos Gutierrez	Carlos G	[illegible]
Damien Bratlihan	Dougherty	[illegible]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 14 PAVING
#16 SVE SYSTEM
#13 BASE INSTALL
#22 REPAIR BLDG 117

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		7/16/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		7/16/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		7/16/13 0700
Employee(s):	F. LOZA		7-16-13 @ 700
	JEREMY AGUIAR		7-16-13 0700
	Will Brown		7-16-13 0700
	Paul Rodriguez		7-16-13 0700
	Brian Kerr		7/16/13 0700
	DAN STARK		7/16/13 0700
	TRACY DENTON		7/16/13 7am
	Matt Johnstone		7-16-13 7:00
	Pete Castaneda		7-16-13 7:00 AM
	Bob Cleland		7-16-13 7AM
	JAIME SOTO		7-16-13 7:00
	Herb Meyers		7-16-13 7:00
	Alejandro Marco		7-16-13 7:00
	Brian Kilwine		7-16-13
	Danny Langston		7-16

Page 2

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: _____

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EPP		
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Eli Alvarado	[signature]	6:30 7-16-13
	Brian Anthony Silva	[signature]	6:30 7.16 13
	Dave Garcia	[signature]	6:30 7:16-13
	Ray Navarrette	[signature]	700 7-16-13
	Mike Motty	[signature]	700 7-16-13
	Mike Babst	[signature]	700 7-16-13
	David Beanken	[signature]	7:10 7/16/13
	Carlos Guerrero	Carlos G	7-16-12013
	Patrick Doherty	[signature]	7-16-13
	Damien Rattigan	Damien Rattigan	7-16-13

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	TUESDAY	Date:	7/16/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST	Page:	1 of 1
Site Visitors:	GRANITE - RAY WOOLOM, JOHN DOLPY - ALL CAY TRUCKING - ROGER SINGH		

Description of Field Activities:

HAND WORK IN SEVERAL LOCATIONS, PREPPING FOR ASPHALT PAVING.

GRANITE - PAVING AROUND BLDGS 125, 159, 128 + 130. PREPPING FOR PAVING IN AREA NORTH OF BLDG 115/116, WEST OF BLDG 140.

BLDG 117 REPAIRS - CARPENTER WORK COMPLETED.

ERRG EQUIPMENT - SKIP LOADER, 2 KUBOTAS

Signed: [signature] Date: 7/16/13

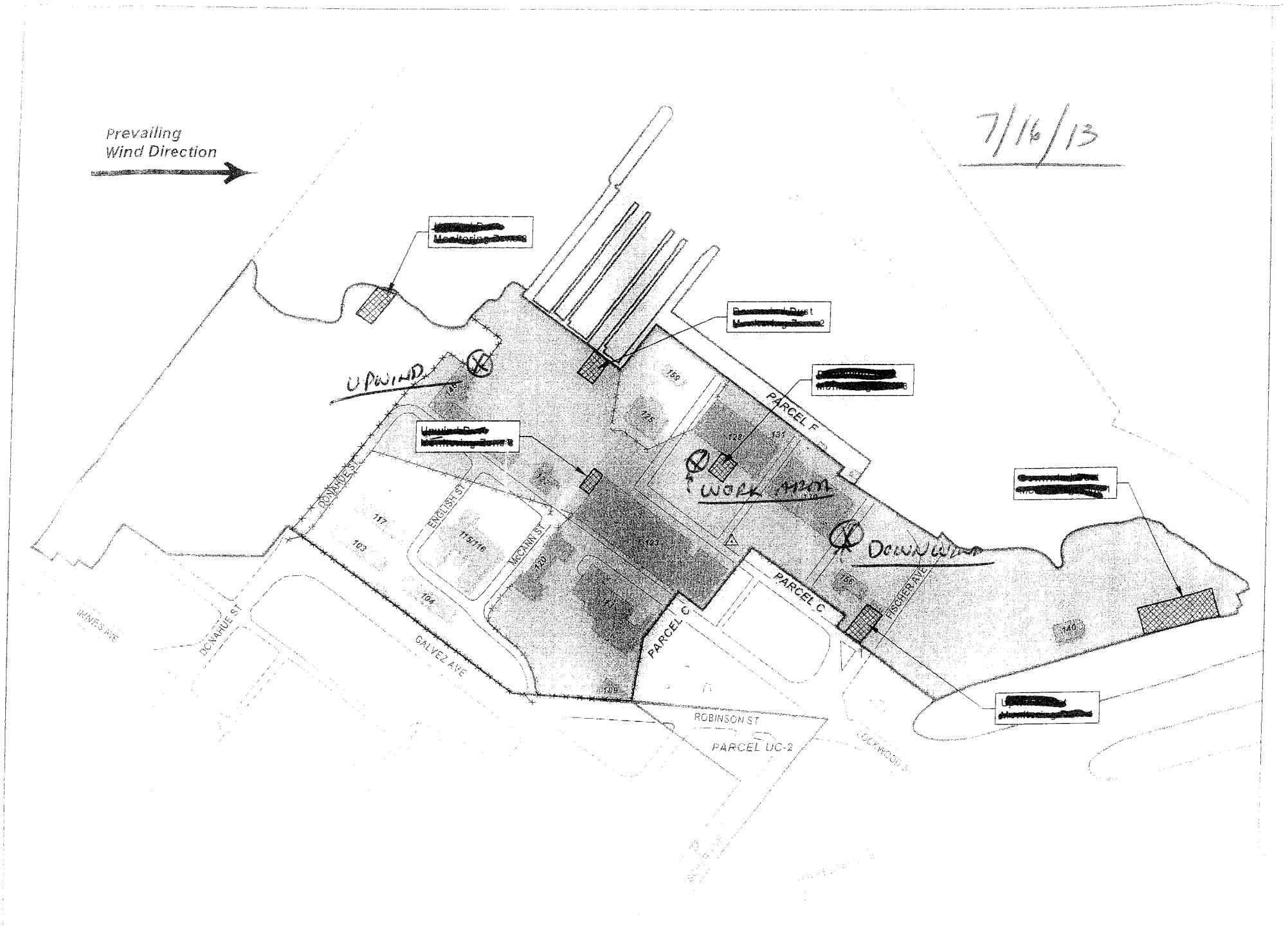
ERRG

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):	7/15/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN FENCE	7/16/13	0730	0.000	0.000	
MOTOR # [redacted] 1161		0826	0.000	0.000	
		0940	0.000	0.000	
		1120	0.000	0.000	
		1306	0.000	0.000	
		1411	0.000	0.000	
		1509	0.000	0.000	
WORK AREA / POLE EAST	7/16/13	0732	0.003	0.010	
OF BLDG 125 / # 1108		0828	0.000	0.015	
		0937	0.000	0.004	
		1110	0.000	0.003	
		1302	0.005	0.003	
		1413	0.014	0.004	
		1511	0.022	0.006	
DOWNWIND / EAST END	7/16/13	0735	0.000	0.012	
OF BLDG 130 / #10973		0829	0.005	0.000	
		0935	0.000	0.000	
		1113	0.000	0.006	
		1250	—	—	DEAD
		1312	0.008	0.007	ROPE. BATT.
		1417	0.007	0.014	
		1513	0.010	0.008	



7/16/13
Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
ROBINSON ST
FISCHER AVE
LOCKWOOD ST
117
103
104
115/116
120
123
125
128
131
140
159
156
109

Sun State Skip

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: 210 John Deere Skiploader	Model No.: 210L John Deere	Serial No.: T0210LC883836

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)	✓		

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 exceptions noted under the remarks section

Competent Person Signature: _____ Date of Inspection: 7/15/13

DD90

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Asphalt Roller	Model No.: DD90 HF	Serial No.: 275597

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)	✓		

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?			NA ✓
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: 7/15/13

Water Truck

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: 2000 gal Freightliner Water Travel	Model No.: M2	Serial No.: CRS13-016

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)	✓		

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: [illegible] Date of Inspection: 7/15/13

DD 90

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] GRANITE	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Asphalt Roller	Model No.: DD 90 HF	Serial No.: 275953

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)	✓		

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: 7/15/13

Gilcrest Paver

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Gilcrest Pro Paver	Model No.: Pro Series	Serial No.: 2813703

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)	✓		

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: Tracy R[illegible] Date of Inspection: 7/15/13

Cat
434

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Cat Dual Drum Roller	Model No.: 434c	Serial No.: CB 434D

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)	✓		

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: 7/15/13 ~~7/13~~

Blade

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Cat 14H Blade	Model No.: 14H Model 3176	Serial No.: 3PD02341

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)	✓		

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: 7/15/13

Sunstate Bomag 120

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Bomag 120 Tandem Roller	Model No.: BW120 AD-4	Serial No.: 861880182159

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)	✓		

CHECKLIST (continued)	Yes	No	N/A
22. Is there a signalperson or warning device when there is a danger to persons from moving equipment, swinging loads, buckets, booms, etc.? (18.B.02)	✓		
23. Are all belts, gears, shafts, pulleys, sprockets, spindles, drums, flywheels, chains, or other reciprocating, rotating, or moving parts guarded? (18.B.03)	✓		
24. Is protection against hot surfaces, exhausts, etc., provided? (18.B.03b)	✓		
25. Are platforms, footwalks, steps, handholds, guardrails, and toeboards designed, constructed, and installed on machinery and equipment to provide safe footing and accessways? (18.B.03d)	✓		
26. Are fuel tanks located in a manner to prevent spills or overflows from running onto engine exhaust or electrical equipment? (18.B.05)	✓		
27. Are exhaust or discharges from equipment directed so they do not endanger persons or obstruct operator vision? (18.B.06)	✓		
28. Are seatbelts installed and worn in all motor vehicles? (18.B.09)	✓		
29. Is protection (grills, canopies, screens) provided to shield operator from falling or flying objects? (18.G.11 and .12)	✓		
30. Is roll over protection provided? (18.B.13)	✓		
31. Has machinery or mechanized equipment been inspected and tested in accordance with manufacturer's recommendations and requirements of EM-385? (18.G.02)	✓		
32. Does the Prime Contractor have record of tests and inspection? (18.G.02)	✓		
33. Is the slow moving emblem used on all vehicles which by design move at 25 mph or less on public roads? (08.A.06g(2)m)			✓
34. WRITTEN PROOF OF QUALIFICATION OF EQUIPMENT OPERATORS, RIGGERS INVOLVED IN HOISTING, TRANSPORTING OPERATIONS?			✓
35. OPERATIONAL TEST PERFORMED WITH EQUIPMENT?			✓
36. MANUFACTURERS OPERATING MANUAL WITH EQUIPMENT?			✓
37. MANUFACTURERS LOAD RATING CHART?			✓
38. PROPER USE OF RIGGING, INCLUDING POSITIVE LATCHING DEVICES?			✓
39. INSPECTION OF RIGGING			✓
40. COMMUNICATION BETWEEN WORKERS INVOLVED?			✓
41. USING TAG LINES?			✓
42. BARRICADE SWING RADIUS OF EQUIPMENT AND LOAD?			✓
43. SURFACE BENEATH EQUIPMENT STABLE?			✓

REMARKS:

CERTIFICATION:

I hereby certify that this equipment is in good operating condition and that it meets all above requirements except as noted under the remarks section.

Competent Person Signature: [signature] Date of Inspection: 2/15/13

84"
SD

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Bomag 84 S/D Roller	Model No.: BW177	Serial No.: 901582611184

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)	✓		

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: [illegible] Date of Inspection: 7/15/13

Bomag 120

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: ~~BW~~ Bomag 120 S/D Roller	Model No.: BW HD120 HF3	Serial No.: 101170531049

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)	✓		

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: 7/15/13

Pickup machine

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Cedar Rapids Pickup Machine	Model No.: MKz Cedar Rapids	Serial No.: TRX0M52BC0KDB0403

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)	✓		

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: 7/15/13

Paver

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters Point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: Cedar Rapids 552 paver	Model No.: CR 552	Serial No.: RX0552BLOKDA0411

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)	✓		

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: [illegible] Date of Inspection: 7/15/13

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Hamm Smooth Drum Roller **Identification Number:** _____

Project Number / Name: HP _____ **Rental** ☑ **ERRG** ☐

	Heavy Equipment Defects															
Inspected By (Initials) And Date:	JP 6/17/2013			JP 6/18/2013			JP 6/19/2013									**Defect(s):**
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: HAMM **Identification Number:**

Project Number / Name: H P **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	6-10 / 119.7			6/11/13 BL 126.1			6/12/13 127.5 BL			6/13/13			6/14/13			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓			✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?			✓			✓			✓			✓			✓	
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?			✓			✓			✓			✓			✓	
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓			✓			✓			✓			
Windshield wipers operative?			✓			✓			✓			✓			✓	
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?	✓			✓			✓			✓			✓			
Lights and signals operative?	✓			✓			✓			✓			✓			
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: White water truck **Identification Number:**

Project Number / Name: MPYSLY PB **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	27715 FA 6/24/13			27724 6/25/13			27724 6/26/13			6/27/13			2806 6/28/13			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	two chip in wind shield
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and 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 H20 Truck **Identification Number:** 8V94768

Project Number / Name: 2012.037 HPNSY **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	657.8 6-17-13			661.6 6-18-13			666.9 6-19-13			671.5 6-20-13			671.5 6-21-13			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	windsheild has four cracks
Tracks	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and 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: HDNS **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	FL 31.2 6-24-13			FL 39.6 6-26-13			FL 41.8 6-27-13			46.3 FL 7-3-13			52.4 FL 7-5-13			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓			✓			
Tracks			✓		✓	✓			✓			✓			✓	
Steps and handgrips	✓			✓			✓			✓			✓			
Guards on moving parts?	✓			✓			✓			✓			✓			
Engine belts and hoses	✓			✓			✓			✓			✓			
Fluid levels acceptable?	✓			✓			✓			✓			✓			
Loading/lifting capacity marked?	✓			✓			✓			✓			✓			
Seat belt operative?	✓			✓			✓			✓			✓			
Fire extinguisher present?	✓			✓			✓			✓			✓			
Windows and mirrors unbroken?			✓			✓			✓			✓			✓	
Gauges operative?	✓			✓			✓			✓			✓			
Battery charged?	✓			✓		✓	✓			✓			✓			
Windshield wipers operative?			✓						✓			✓			✓	
Horn operative?	✓			✓			✓			✓			✓			
Back up alarm operative?	✓			✓			✓			✓			✓			
Lights and signals operative?	✓			✓			✓			✓			✓			
Steering and other controls	✓			✓			✓			✓			✓			
Brakes	✓			✓			✓			✓			✓			

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: _____ **Identification Number:** _____

Project Number / Name: _____ **Rental** ☐ **ERRG** ☑

	Heavy Equipment Defects															
Inspected By (Initials) And Date:	7-1-13 7-1-13 4-2788.8			7-2-13 H2791-2			7-3-13 2794-0			7-5- 2796-1						**Defect(s):**
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	✓			✓			✓			✓						
Tracks			✓			✓			✓			✓				
Steps and handgrips	✓			✓			✓			✓						
Guards on moving parts?	✓			✓			✓			✓						
Engine belts and hoses	✓			✓			✓			✓						
Fluid levels acceptable?	✓			✓			✓			✓						
Loading/lifting capacity marked?			✓			✓			✓			✓				
Seat belt operative?	✓			✓			✓			✓						
Fire extinguisher present?	✓			✓			✓			✓						
Windows and mirrors unbroken?		✓			✓			✓			✓	✓				
Gauges operative?	✓			✓			✓			✓						
Battery charged?	✓			✓			✓			✓						
Windshield wipers operative?	✓			✓			✓			✓						
Horn operative?	✓			✓			✓			✓						
Back up alarm operative?	✓			✓			✓			✓						
Lights and signals operative?	✓			✓			✓			✓						
Steering and other controls	✓			✓			✓			✓						
Brakes	✓			✓			✓			✓						

Explain corrective actions taken: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW11077

Project Number / Name: _____ **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7-1-13 06476			7-2-13 06484									7-3-13 06495			
	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:** _____

Project Number / Name: 2012-037 HPNS **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	BK 7/8/13 26770.1															
	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 leak on passenger front side of tank @ seam

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Water truck **Identification Number:** _____

Project Number / Name: 2012-037 **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
				7/9/13 DK 2797.5												
	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: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW 11078

Project Number / Name: HPWS, PARCEL B **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/9/13 1036.1			7/10/13 1030.0			7/11 1040.5			7/12/13 1041.1			7/15/13 1043.9			
	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: _____

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Skip Loader John Deere 210 Identification Number:

Project Number / Name: HP 037 Rental ☐ ERRG ☑

Inspected By (Initials) And Date:	A.M. 7-8-13 HR. 1742.8			A.M. 7-9-13 HR. 1748.9			A.M. 7-11-13 HR. 1755.4			A.M. 7-12-13 HR. 1761.5						Defect(s):
Heavy Equipment Defects	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	

Explain corrective actions taken:

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: HAMM SMOOTH DRUM **Identification Number:**

Project Number / Name: HPNS **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	193.6 FL 7-11-13			197.1 FL 7-12-13												
	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 07/16/13

REPORT NO 169

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
05	Continued fine grading and compaction of the aggregate base course at the swale outfall adjacent to Building 146.
	Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Granite Construction continued fine grading and compaction of the base course in the area north of Building 116.
	Installed a 2-inch thick layer of asphalt pavement between Buildings 125 and 159, along the southwest perimeter of Building 128 and
	Building 130, and the swale northeast of Building 130.
	Garco Testing Labs collected 3 asphalt core samples for density testing and verification of pavement thickness. Collected hot mix asphalt samples
	at the batch plant.
06	Performed multi-well flow field testing of the SVE system to determine the optimum configuration of SVE wells that can be operated simultaneously.

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
	Doherty Restoration completed structural repair of the damaged wall section of Building 117. Building repair was inspected by Douglas Delong
	Held weekly QC meeting; attended by Navy ROICC, CSO, and ERRG QC and Supervisory 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 — 07/16/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/16/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**		**X**		
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**	**X**			
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**	**X**			
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**	**X**			Collected AC core samples 1-2-1A, 1-2-2A, & 1-2-3A
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**	**X**			
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	AB compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13, 7/9/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from asphalt delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/16/13

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 103
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 103 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 103 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 7/9/13

ROICC Representative: _____ Date: 9 Jul 13

ERRG QC Manager: _____ Date: 7/9/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 109
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 109 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 109 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 7/9/13

ROICC Representative: _____ Date: 9 July '13

ERRG QC Manager: _____ Date: 7/9/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 115
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 115 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 115 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 7/9/13

ROICC Representative: _____ Date: 9 July '13

ERRG QC Manager: _____ Date: 7/9/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 122
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 122 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 122 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 7/9/13

ROICC Representative: _____ Date: 9 Jul 13

ERRG QC Manager: _____ Date: 7/9/13

cc: ERRG Project File

Ref.: 2012-037

Acknowledgment of Durable Cover Installation At Building 130
Parcel B, Hunters Point Naval Shipyard
San Francisco, California

ERRG is submitting this quality control documentation to document completion of durable cover at Building 130 at Parcel B, Hunters Point Naval Shipyard.

By signing this cover sheet ERRG and the Navy acknowledge that Building 130 has been inspected following completion of durable cover installation and that the building meets the durable cover criteria outlined in the Design Basis Report for Parcel B (Excluding IR Sites 7 and 18).

CSO Representative: _____ Date: 7/9/13

ROICC Representative: _____ Date: 9 July '13

ERRG QC Manager: _____ Date: 7/9/13

cc: ERRG Project File

Photo 1: Asphalt Cover Installation – Placing a 2-inch layer of asphalt pavement in the swale northeast of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 16, 2013

Photo 2: Asphalt Cover Installation – Asphalt pavement installed along the southwest perimeter of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 16, 2013

Photo 3: Asphalt Cover Installation – Asphalt pavement installed on the north side of Building 125

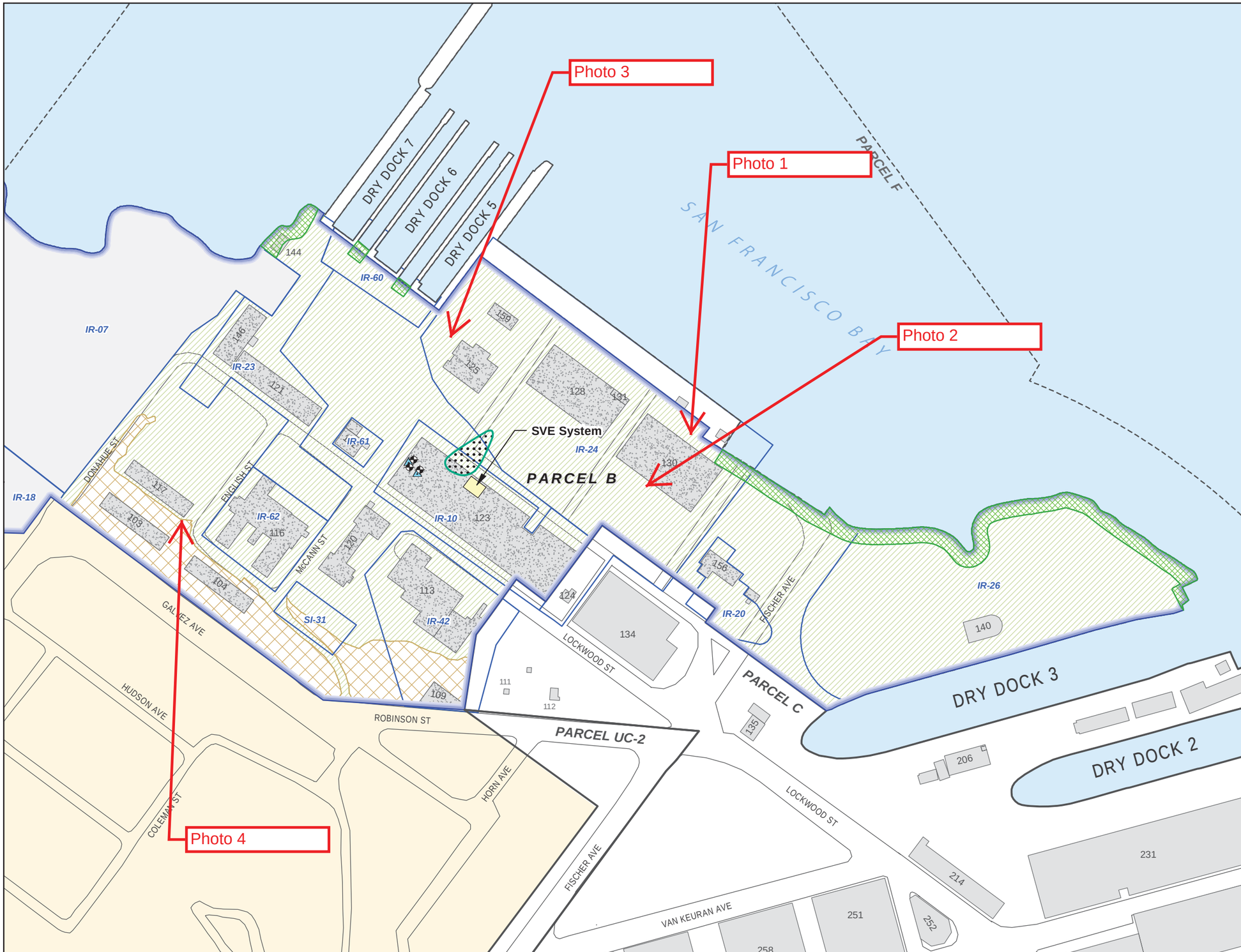
HPNS Parcel B Remedial Action, San Francisco, California

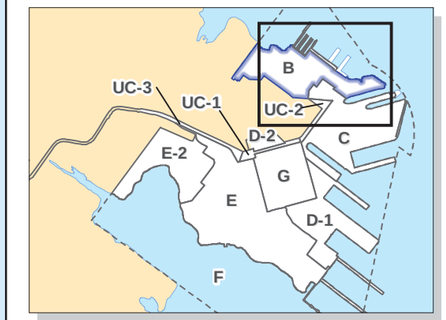
Photographed by: Richard Epp (ERRG, Inc.) Date: July 16, 2013

Photo 4: Asphalt Cover Installation – New wall sheathing and window installed at the south corner of Building 117

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 16, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/17/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	170		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Sunny/Warm
MAX TEMP (F)	63	MIN TEMP (F)	52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Site Grading and Paving	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	Fine grading and compacting down McCann and around buildings 104 and 103	ERRG	1	H&S Officer	8
		ERRG	2	QC Staff	20
05	Paving building and revetment aprons-146, 121, 123 and at the point around	ERRG	1	Equipment Operators	4
	the pump house and the outfall and along the revetment.	ERRG	5	Laborers	38
		ERRG	1	SVE Tech	8
06	SVE Tech on site performing tests and running the system.				

JOB SAFETY

WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	246
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	23,261
TOTAL WORK HOURS FROM START OF CONSTRUCTION	23,507

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading and asphalt placement, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		Granite trucks hauling asphalt, 41 loads (848.80 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
05	ERRG	70KW Generators (2ea)	48
05	ERRG	2 Kubota off road vehicles	16
05	Granite	5 ton Smooth Drum Roller	8
05	Granite	Cat 14H Motor Grader	8
05	Granite	Freightliner 4000 gallon water truck	8
05	Grainte	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	3
05	Granite	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS

James Nores 07/17/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/17/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	170 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	63
MIN TEMP (F)	52

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
		Granite Construction	6	laborers	60
		Granite Construction	6	Operators	60
		Granite Construction	1	Truck driver	10
		Granite Construction	1	Foreman	10
		Garco	1	Testing engineer (Granite)	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
05	Granite	Terex Paver	8
05	ERRG	JD 210 Skip Loader	8
05	Granite	JD 210 Skip loader	8
05	ERRG	JD 710 Backhoe	0
05	Granite	Cat Smooth drum roller 12 ton	8
05	ERRG	nuclear denisity gauge	4
05	Granite	Cat Smooth drum roller 12 ton	8
05	Granite	Cat Smooth Drum roller 5 ton	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

07/17/13 — DATE

RRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS CONTRACT # N62473-09-D-2608

DATE 7/17/13 TIME 0700 PROJECT NUMBER 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK MISC. BASE PREP, PAVING, SVE SYSTEM

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT + TRUCK TRAFFIC (EYE CONTACT), TENANTS

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ Yes _____ No

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
King Bailey	ERRG	[signature]
Tracy Deiton	Granite	[signature]
Elsa Jaime Soto	Granite	[signature]
Ray Navarrete	Granite	[signature]
Herb Meyers	Granite	[signature]
Eli Alvarado	Granite	[signature]
Brian Kilwinge	Granite	[signature]
Pete Castanada	Granite	[signature]
Dave Gwin	GCC	[signature]
Lucas Lucchesi	Granite	[signature]
Matt Johnston	Granite	[signature]
Alejandro Manzo	Granite	[signature]
DAN STARKS	GRANITE	[signature]
Danny Langdon	Granite	[signature]
Bob Cleland	Granite	[signature]
Rick Moran	Granite	[signature]
I. LOZA	ERRG	[signature]
B Kerr	ERRG	[signature]
Simon Slomish	ERRG	[signature]
Mike Babit	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Notes

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
David T. Dethmer	ERRG	
Jeremy Adriano	ERRG	
Paul Rodriguez	ERRG	
Spencer Johnson	ERRG	
J. Correll	ERRG	

SSHO: [redacted] R. Epp SUPERINTENDENT: James Nores

SIGNATURE: SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: # 13 BASE INSTALL 14 PAVING #16 SVE SYSTEM

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	7/17/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP	[signature]	7/17/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	7/17/13 0700
Employee(s):	[illegible]	[signature]	7-17-13 0700
	TRACY Denton	[signature]	7/17/13 7am
	Elmer JAIME SOG	[signature]	7-17-13 7:00
	Lorenzo Lopez [illegible]	[signature]	7-17-13
	RAVI Navarrete	[signature]	"
	Herb Meyers	[signature]	7-17-13 7:00
	Eli Alvarado	[signature]	7-17-13 7:00
	Brian Kilwine	[signature]	7-17-13 7:00
	Pete Castaneda	[signature]	7-12-13 7AM
	Dave Garcia	[signature]	7-17-13 7
	Alejandro Manzo	[signature]	7-17-13 7:am
	DAN STARKS	[signature]	7-17-13 7:00
	Matt Johnstone	[signature]	7-17-13 7:00
	Danny Langdon	[signature]	
	Bob Cleland	[signature]	7-17-13 7
	RICK Mattey	[signature]	7-17-13 7AM
	Mike Babst	[signature]	7-17-13 0700
	JEREMY ALVAREZ	[signature]	7-17-13 0700

PAGE 2

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: _____

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EAP		
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		7/17/13 0700
Employee(s):	Brian Kerr		7-17-13 0700
	F. LOZA		7-17-13 0700
	D. BRANKER		7/10/13
	Paul Rodriguez		7/10/13
	Spencer Johnson		7/17/13
	J. Grech		7/17/13

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	WEDNESDAY	Date:	7/17/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY TO CLEAR, WINDY	Page:	1 of 1
Site Visitors:			

Description of Field Activities:

PAVING PREP AT BLDG 104 AND PARKING AREA BETWEEN 104 + 103.

PAVING (GRANITE) ALONG BLDG 146 EAST SIDE, 121 NORTH SIDE, 123 NORTH SIDE, FROM POINT @ DRY DOCK #3 ALONG REVETMENT TO INLET AND AROUND PUMPHOUSE. SOUTH SIDE OF INLET TO REVETMENT AND ALONG REVETMENT TO FIRST JUNE.

PREPPING MC CROW ROAD AND AREA WEST OF BLDG 116

EQUIPMENT – SKIDSTEER, BACKHOE + 2 KUBOTAS

Signed: [signature] Date: 7/17/13

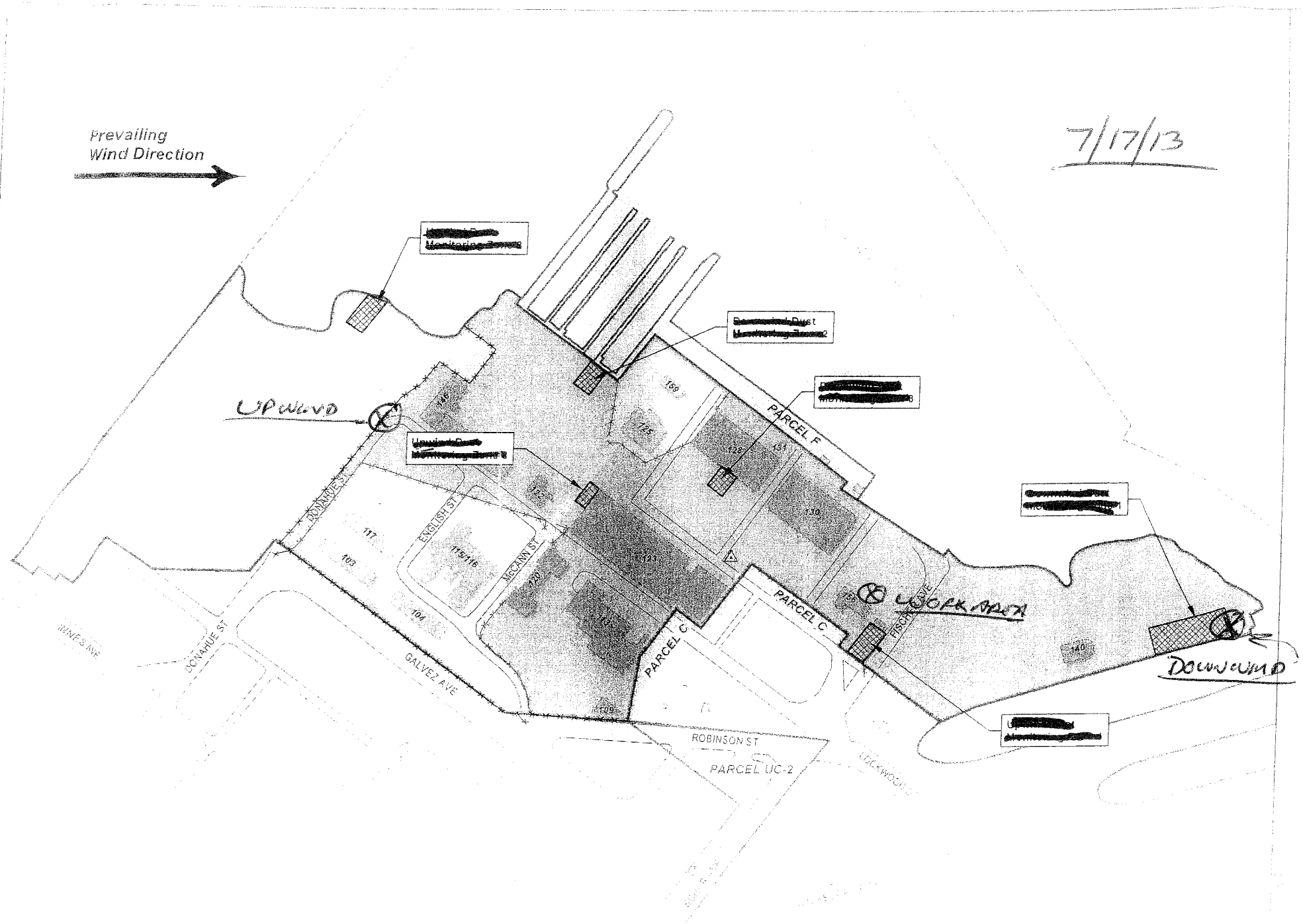
ERRG

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):	7/15/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / DOWNING ST. MOTOR # 1161	7/17/13	0753	0.000	0.000	
		0917	0.000	0.000	
		1007	0.000	0.000	
		1108	0.000	0.000	
		1211	0.000	0.000	
		1315	0.000	0.000	
		1405	0.000	0.000	
		1530	0.000	0.000	
WORK AREA / SAFETY TABLE, BLDG 156 / # 1008	7/17/13	0757	0.059	0.073	
		0914	0.047	0.046	
		1010	0.051	0.047	
		1110	0.051	0.047	
		1213	0.055	0.049	
		1314	0.052	0.056	
		1410	0.041	0.053	
		1535	0.042	0.051	
DOWNWIND / DD#3 @ SHORELINE / # 10973	7/17/13	0800	0.019	0.020	
		1910	0.024	0.014	
		1011	0.017	0.012	
		1113	0.004	0.008	
		1215	0.000	0.006	
		1325	0.052	0.008	
		1413	0.000	0.011	
		1540	0.009	0.012	



Prevailing
Wind Direction
7/17/13
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
UPWIND
WORKAREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
INNES AVE
FISCHER AVE
LOCKWOOD
159
125
128
131
130
146
122
123
117
103
115/116
120
104
109
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/17/13

REPORT NO 170

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
05	Placed and compacted aggregate base course on the driveway between Building 103 and Building 104. Continued fine grading the base course
	on McCann St. Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Granite Construction continued fine grading and compaction of the base course on the loop road around Building 115/116.
	Installed a 2-inch thick layer of asphalt pavement adjacent to Buildings 146, 121, and 123; around the perimeter of Building 140 and the outfall
	channel; and adjacent to the crest of revetment from Building 140 to the end of the point (completed paving a 15-foot wide strip of asphalt around
	these buildings and revetment edge).
	Garco Testing Labs collected 3 asphalt core samples for density testing and verification of pavement thickness. Collected samples of the hot mix
	asphalt at the batch plant.
06	Continued multi-well flow field testing of the SVE system to determine the optimum configuration of SVE wells that can be operated simultaneously.

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 — 07/17/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/17/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	Aggregate base (AB) has been tested per the Recycled AB Evaluation dated 8/10/2012
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**	**X**			
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**		**X**		
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**	**X**			
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**	**X**			
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**	**X**			Collected AC core samples 1-3-1A, 1-3-2A, & 1-3-3A
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**	**X**			
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report				**X**	AB compaction testing performed on 6/12/13, 6/21/13, 6/17/13, 6/26/13, 7/9/13
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from asphalt delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/17/13

Photo 1: Asphalt Cover Installation – Fine grading of aggregate base course for loop road around Buildings 115/116

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 17, 2013

Photo 2: Asphalt Cover Installation – Placing a 2-inch layer of asphalt pavement adjacent to the outfall channel north of Building 140

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 17, 2013

Photo 3: Asphalt Cover Installation – Placing and compacting asphalt pavement around the perimeter of Building 121

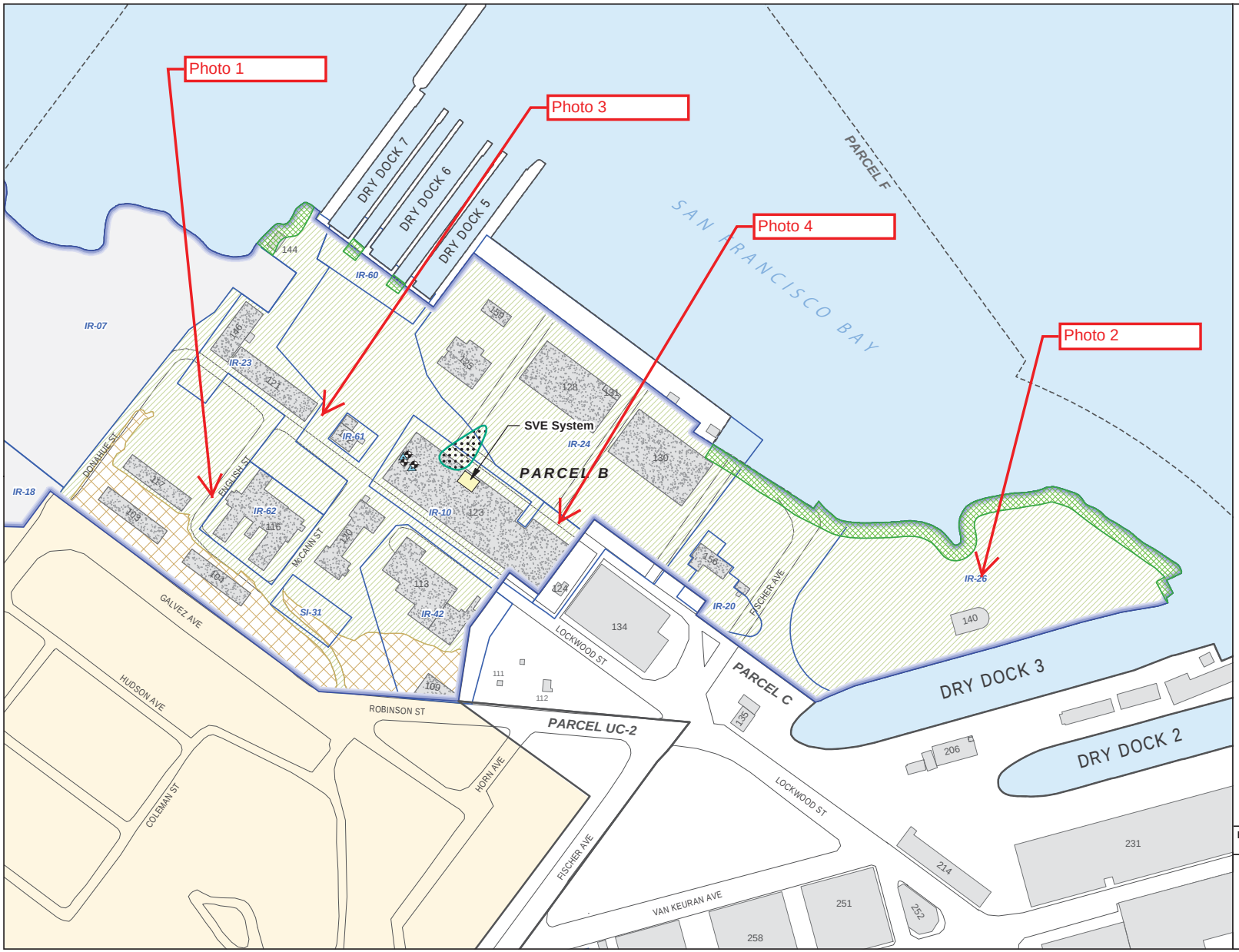
HPNS Parcel B Remedial Action, San Francisco, California

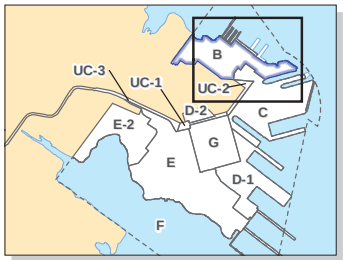
Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 17, 2013

Photo 4: Asphalt Cover Installation – Collecting core samples for density testing and verification of pavement thickness

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 17, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/18/13	REPORT NO: 171
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Foggy/Cool	PM WEATHER: Sunny/Warm	MAX TEMP (F): 70	MIN TEMP (F): 54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Site Grading and Paving	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	ERRG crew placing and compacting AB south side of building 104.	ERRG	1	H&S Officer	8
		ERRG	3	QC Staff	28
05	Granite crew paving swales near the sub pen area, around bldg 125, 120, south	ERRG	1	Equipment Operators	2
	side of 123 and east of building 130.	ERRG	4	Laborers	32
		ERRG	1	SVE Tech	8
06	SVE Tech on site performing tests and running the system.				

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: 238
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: 23,507
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ 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: 23,745

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading and asphalt placement, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		Granite trucks hauling asphalt, 37 loads (745.40 tons)
05		2 loads Class II AB (25 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
05	ERRG	70KW Generators (2ea)	48
05	ERRG	2 Kubota off road vehicles	16
05	Granite	5 ton Smooth Drum Roller	8
05	Granite	Cat 14H Motor Grader	8
05	Granite	Freightliner 4000 gallon water truck	8
05	Grainte	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	3
05	Granite	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS

James Nores — 07/18/13

CONTRACTOR/SUPERINTENDENT — DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/18/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	171 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	70
MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
		Granite Construction	5	laborers	50
		Granite Construction	6	Operators	60
		Granite Construction	1	Truck driver	10
		Granite Construction	1	Foreman	10
		Garco	1	Testing engineer (Granite)	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	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Granite	Terex Paver	8
05	ERRG	JD 210 Skip Loader	8
05	Granite	JD 210 Skip loader	8
05	ERRG	JD 710 Backhoe	0
05	Granite	Cat Smooth drum roller 12 ton	8
05	ERRG	nuclear denisity gauge	4
05	Granite	Cat Smooth drum roller 12 ton	8
05	Granite	Cat Smooth Drum roller 5 ton	8

Schedule Activity No.	REMARKS

James Nores — CONTRACTOR/SUPERINTENDENT

07/18/13 — DATE

RRG

TAILGATE SAFETY MEETING

ITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

ATE 7/18/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

LIENT Department of the Navy

PECIFIC LOCATION Parcel B

YPE OF WORK MISC. PAVING PROP, PAVING, SVE SYSTEM TUNEUP

SAFETY TOPICS PRESENTED

AFETY TOPICS EQUIPMENT + TRUCKS, TENANTS – BE VIGILANT

ROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

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
Brian Kerr	ERRG	[signature]
Jeremy Aguiar	ERRG	[signature]
Pete Castaneda	Granite	[signature]
[illegible]	Granite	[signature]
[illegible]	Granite	[signature]
Dave Garcia	GCC	[signature]
Bob Cleland	Granite	Bob Cleland
Jose Calan	Granite	Jose Calan
Matt Johnstone	Granite	[signature]
Jesse Grooms	Granite	[signature]
Herb Meyers	Granite	[signature]
Alejandro Manzo	Granite	[signature]
Jason Splaiss	Granite	[signature]
Brian Kilwine	Granite	[signature]
Tracy Denton	Granite	[signature]
Michael Goymerac	ERRG	[signature]
Danny Langston	GCCO	[signature]
RAY Navarrete	Granite	[signature]
Mike Babst	ERRG	[signature]
Spencer Slominski	ERRG	[signature]

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
[illegible]	ERRG	[illegible]
AUDIT BEANKER	ERRG	[illegible]
Spencer Johnson	ERRG	[illegible]
MARK POLHEMUS	GRANITE	[illegible]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE: _____

SIGNATURE: _____

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: # 13 BASE INSTALL
14 PAVING
16 SUB SYSTEM

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EPP		7/18/13 @ 0700
Construction Quality Control Manager:	[redacted] S. Siomkiski		7/18/13 0700
Employee(s):	Brian Kerr		7/18/13 0700
	Jeremy Alviar		7-18-13 0700
	[illegible]	[illegible]	7-18-13 0703
	Jose Calva	Jose Calva	7-18-13 7:00
	Pete Castaneda		7-18-13 7AM
	Jaime Soto		7-18-13 7:00
	Dave Garcia		7-18-13 7:00
	Bob Cleland	Bob Cleland	7-18-13 7
	Matt Johnstone	Matt	7-18-13 7:00
	Jesse Grooms		7/18/13 7am
	Herb Meyers		7/18/13 7:00
	Alejandro Manzo		7-18-13 7:00
	Jason Spuiss		7-18-13 7:00
	Tracy Denton	Tracy Denton	7/18/13 7am
	Brian Kilwine		7-18-13

PAGE 2

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: _____

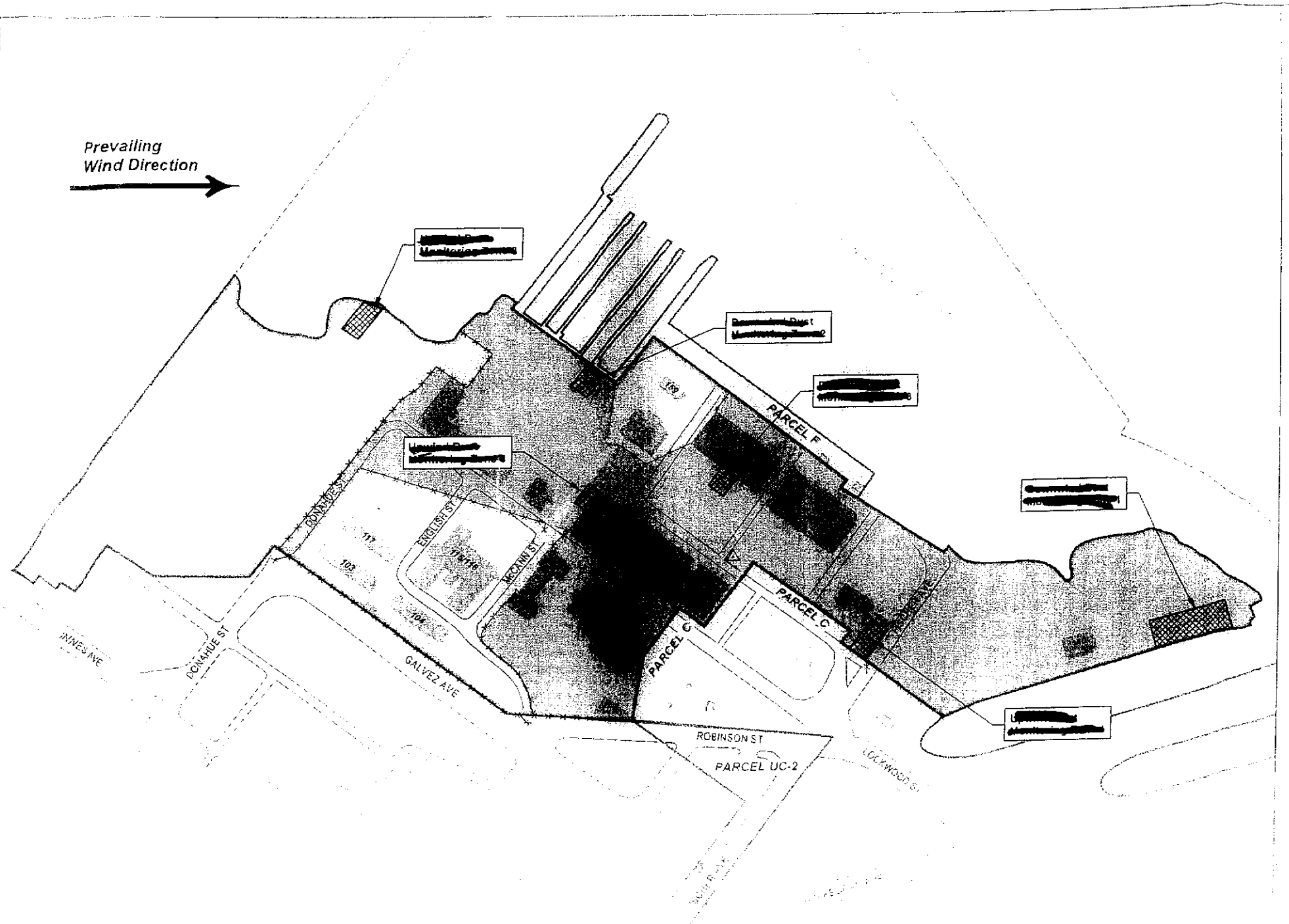
Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		7/18/13 0700
Site Safety and Health Officer:	[redacted] R. EAP		
Construction Quality Control Manager:	[redacted] S. Siomkiski		
Employee(s):	Michael Gaymeau		7/18/13 0700
	[illegible]		7/18/13 0700
	[illegible]		7/18/13
	Ray Navarrette		7/18/13
	Danny Langston		7/18/13
	Mike Babst		7/18/13
	Spencer Johnson		7/18/13

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):	7/15/13 & 7/18/13	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN FACE MONITOR # 1161	7/18/13	0855	0.000	0.000	FOG
		0952	0.000	0.000	
		1053	0.000	0.000	
		1248	0.000	0.000	
		1410	0.000	0.000	
		1455	0.000	0.000	
		1600	0.000	0.000	
WORK AREA / SAFETY TRAILER BLDG 112 / #1008	7/18/13	0914	0.000	0.001	RE ZERORD
		0955	0.000	0.000	
		1055	0.004	0.001	
		1252	0.006	0.001	
		1412	0.002	0.000	
		1457	0.000	0.000	
		1602	0.000	0.000	
DOWNWIND / DO #3 @ SHORELINE / #10973	7/18/13	0917	0.002	0.004	
		0957	0.003	0.004	
		1058	0.010	0.003	
		1254	0.000	0.002	
		1414	0.012	0.002	
		1459	0.000	0.002	
		1604	—	—	BAT. DOWN



Prevailing
Wind Direction
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
PARCEL F
PARCEL C
PARCEL C
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
INNES AVE
DONAHUE ST
ROBINSON ST
PARCEL UC-2
LOCKWOOD ST
117
103
104

Skip 8-1273
GCC

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: 210 John Deere Skip LDR	Model No.: 210LE	Serial No.: To 210LE 888049

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)	✓		

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: 7/18/13

Skip Hertz

SAFETY INSPECTION CHECKLIST FOR CONSTRUCTION EQUIPMENT
(BACKHOES, DOZERS, SCRAPERS, EXCAVATORS, LIFT TRUCKS, etc.)

Project Name: Remedial Action Parcel B (excluding IR 7 & 18) Hunters point	Contractor: [redacted] Granite	Contract No.: N62473-09-D-2608 Task Order 0010
Type and Make of Equipment: John Deere 210 skiploader	Model No.: 210 LE	Serial No.: 1T8210EKPDG891415

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)	✓		

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: 7/18/13

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/18/13
REPORT NO	171

PHASE	CONTRACT NO	CONTRACT TITLE
	N62473-09-D-2608	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF

PREPARATORY

WAS PREPARATORY PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL PREPARATORY PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

INITIAL

WAS INITIAL PHASE WORK PREFORMED TODAY? YES ☐ NO ☒

IF YES, FILL OUT AND ATTACH SUPPLEMENTAL INITIAL PHASE CHECKLIST.

Schedule Activity No.	Definable Feature of Work	Index #

FOLLOW-UP

WORK COMPLIES WITH CONTRACT AS APPROVED DURING INITIAL PHASE? YES ☒ NO ☐

WORK COMPLIES WITH SAFETY REQUIREMENTS? YES ☒ NO ☐

Schedule Activity No.	Description of Work, Testing Performed & By Whom, Definable Feature of Work, Specification Section, Location and List of Personnel Present
05	Placed and compacted aggregate base course in the walkways along the southwest side of Buildings 103 and 104. Continued fine grading the
	base course on McCann St. Verified that the activities complied with the Asphalt Cover Installation checklist.
05	Granite Construction installed a 2-inch thick layer of asphalt pavement in the swale between Buildings 125 and 128, the swales between Buildings
	113 and 120, the swale between Building 130 and 156, the swale east of Building 130 to the outfall near Building 140, and along the crest of
	revetment west of the Building 140 outfall channel.
	Collected samples of the hot mix asphalt at the batch plant. See attached QC test reports (hot mix asphalt tests and pavment core density tests)
	for daily testing performed 7/15/13 - 7/18/13.
06	Continued multi-well flow field testing of the SVE system to determine the optimum configuration of SVE wells that can be operated simultaneously.

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 — 07/18/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/18/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**		**X**		
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**	**X**			
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**	**X**			
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**	**X**			
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**	**X**			
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			Attached test reports for HMA samples and pavement density cores collected on 7/15, 7/16, 7/17, & 7/18
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from asphalt delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/18/13

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	DATE
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	07/15/2013
	CONTRACT NUMBER/CO/RTE/PM Hunters Point Parcel B
	PRODUCER MIX IDENTIFICATION NUMBER 103
	HMA TYPE 1/2" HMA
This form must be submitted with all daily testing reports. Circle all test results that are not within the Action Limits. Use additional sheets as necessary.	LOT NUMBER 1

Quality Characteristic		Test Method	Testing Frequency	Test Result Sublot Number SSF 1	Test Result Sublot Number	Test Result Sublot Number	Test Result Sublot Number
Asphalt binder content (%)		CT 379 or CT 382	1 per sublot	5.8			
Aggregate gradation (% passing, report to tenth)		CT 202	1 per sublot				
Sieve Size							
% Passing	2"						
	1 1/2"						
	1"			100			
	3/4"			100			
	1/2"			98			
	3/8"			88			
	No. 4			62			
	No. 8			42			
	No. 16			30			
	No. 30			19			
	No. 50			10			
	No. 100			5			
	No. 200			3.3			
Density		QC Plan	1 per sublot				
Sand Equivalent		CT 217	1 per sublot	83			
Aggregate Moisture Content		CT 266 or 370	2 per production day	na			
HMA Moisture Content (%)		CT 370	1 per 2500 tons (1 per day)	0.0			
Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				
Modified Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	DATE
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	07/15/2013
	CONTRACT NUMBER/CO/RTE/PM Hunters Point Parcel B
	PRODUCER MIX IDENTIFICATION NUMBER 103
	HMA TYPE 1/2" HMA
	LOT NUMBER 1

Quality Characteristic	Test Method	Testing Frequency	Test Result Sublot Numbers SSF 1	Test Result Sublot Numbers	Test Result Sublot Numbers	Test Result Sublot Numbers
Los AngelesRattler, Loss at 500 Rev. (%)	CT 211	1 per project				
Crushed particles, course aggregate (%) One fractured face	CT 205	1 per project				
Crushed particles, course aggregate (%) Two fractured faces	CT 205	1 per project				
Crushed particles, fine aggregate (%) One fractured face	CT 205	1 per project				
Fine aggregate angularity (%)	AASHTO T 304 (Method A)	1 per project				
Flat and elongated particles (% by mass 3:1)	ASTM D 4791	1 per project				
Flat and elongated particles (% by mass 5:1)	ASTM D 4791	1 per project				
Air Voids Content (%)	CT 367	1 per project				
Voids in mineral aggregate (%)	LP-2	1 per project				
Voids filled with asphalt (%)	LP-3	1 per project				
Dust proportion	LP-4	1 per project				
* CTM 309			2.555			
CTM 308						

* When the special provisions require additional quality control testing, use the blank lines above to record quality characteristics test methods, testing frequencies, and test results.

ADA Notice For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

Pleasanton HMA Plant
1544 Stanley Boulevard
Pleasanton, CA 94566
925-462-1033

Asphalt Core Density

Plant Pleasanton HMA Plant-100369
Product 1016-1/2"HMA64-10PM ELIOT-HMA

1459900391

Test Information

Test Number 1459900400
Date Started 07/15/2013 11:41
Date Completed 07/15/2013 11:41
Tested By David Cadena
Procedure CT 308
Lab Salinas

Sample No 1459900391
Date Sampled 07/15/2013 11:41
Test Note

GRANITE™

Pleasanton HMA Plant
1544 Stanley Boulevard
Pleasanton, CA 94566
925-462-1033

Asphalt Core Density

Test Results

Subsamples 2

Location Roadway

Method A With Paraffin

Compaction Relative To Gmm

Water Density lb/ft3

	Subsample 1	Subsample 2
Include	☑	☑
Core Number		
Core ID	1-1-1	1-1-2
Position		
Thickness	2.51	2.92 in
Water Temperature	77	77 F
Mass Of Pan	0	0 g
Mass Of Pan + Dry Sample	937.2	1149.2 g
Mass Of Pan + Dry Sample + Paraffin	948.1	1160.2 g
Mass Of Pan + SSD Sample		g
Mass Of Sample In Water	540.1	652.3 g
Mass of Volumeter + Water		g
Mass of Volumeter + Sample + Water		g
Specific Gravity of Paraffin	0.9	0.9
SPGR (Max,Gmm)	2.532	2.532
SPGR (Compacted,Roadway)	2.367	2.318
Unit Wt (Compacted,Roadway)	147.36	144.317 lb/ft3
Relative Compaction (Roadway)	93.496	91.566 %

	Results	Targets	Specifications
SPGR (Compacted,Roadway)	2.342		
Unit Wt (Compacted,Roadway) lb/ft3	145.838		
Relative Compaction (Roadway) %	92.531		

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	DATE
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	07/16/2013
	CONTRACT NUMBER/CO/RTE/PM Hunters Point Parcel B
	PRODUCER MIX IDENTIFICATION NUMBER 784
	HMA TYPE 1/2" HMA
This form must be submitted with all daily testing reports. Circle all test results that are not within the Action Limits. Use additional sheets as necessary.	LOT NUMBER 1

Quality Characteristic		Test Method	Testing Frequency	Test Result Sublot Number SSF 2	Test Result Sublot Number	Test Result Sublot Number	Test Result Sublot Number
Asphalt binder content (%)		CT 379 or CT 382	1 per sublot	5.4			
Aggregate gradation (% passing, report to tenth)		CT 202	1 per sublot				
Sieve Size							
% Passing	2"						
	1 1/2"						
	1"			100			
	3/4"			100			
	1/2"			96			
	3/8"			86			
	No. 4			62			
	No. 8			42			
	No. 16			29			
	No. 30			19			
	No. 50			11			
	No. 100			6			
	No. 200			4.5			
Density		QC Plan	1 per sublot				
Sand Equivalent		CT 217	1 per sublot	79			
Aggregate Moisture Content		CT 266 or 370	2 per production day	na			
HMA Moisture Content (%)		CT 370	1 per 2500 tons (1 per day)	0.0			
Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				
Modified Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	DATE 07/16/2013 CONTRACT NUMBER/CO/RTE/PM Hunters Point Parcel B PRODUCER MIX IDENTIFICATION NUMBER 784 HMA TYPE 1/2" HMA LOT NUMBER 1

Quality Characteristic	Test Method	Testing Frequency	Test Result Sublot Numbers SSF 2	Test Result Sublot Numbers	Test Result Sublot Numbers	Test Result Sublot Numbers
Los AngelesRattler, Loss at 500 Rev. (%)	CT 211	1 per project				
Crushed particles, course aggregate (%) One fractured face	CT 205	1 per project				
Crushed particles, course aggregate (%) Two fractured faces	CT 205	1 per project				
Crushed particles, fine aggregate (%) One fractured face	CT 205	1 per project				
Fine aggregate angularity (%)	AASHTO T 304 (Method A)	1 per project				
Flat and elongated particles (% by mass 3:1)	ASTM D 4791	1 per project				
Flat and elongated particles (% by mass 5:1)	ASTM D 4791	1 per project				
Air Voids Content (%)	CT 367	1 per project				
Voids in mineral aggregate (%)	LP-2	1 per project				
Voids filled with asphalt (%)	LP-3	1 per project				
Dust proportion	LP-4	1 per project				
* CTM 309			2.565			
CTM 308						

* When the special provisions require additional quality control testing, use the blank lines above to record quality characteristics test methods, testing frequencies, and test results.

ADA Notice For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

GRANITE™

Pleasanton HMA Plant
1544 Stanley Boulevard
Pleasanton, CA 94566
925-462-1033

Asphalt Core Density

Plant Pleasanton HMA Plant-100369
Product 1016-1/2"HMA64-10PM ELIOT-HMA

1243361125

Test Information

Test Number 1243361220
Date Started 07/16/2013 14:47
Date Completed 07/16/2013 14:47
Tested By Eli Alvarado
Procedure
Lab Salinas

Sample No 1243361125
Date Sampled 07/16/2013 14:47
Test Note

GRANITE™

Pleasanton HMA Plant
1544 Stanley Boulevard
Pleasanton, CA 94566
925-462-1033

Asphalt Core Density

Test Results

Subsamples 3

Location Roadway

Method A With Paraffin

Compaction Relative To Gmm

Water Density lb/ft3

	Subsample 1	Subsample 2	Subsample 3
Include	☑	☑	☑
Core Number	1-2-1C	1-2-2C	1-2-3C
Core ID			
Position			
Thickness	2.05	2.44	2.03 in
Water Temperature	77	77	77 F
Mass Of Pan	0	0	0 g
Mass Of Pan + Dry Sample	838.3	1023	832.2 g
Mass Of Pan + Dry Sample + Paraffin	850.1	1036.7	843.7 g
Mass Of Pan + SSD Sample			g
Mass Of Sample In Water	488.1	597.7	480.9 g
Mass of Volumeter + Water			g
Mass of Volumeter + Sample + Water			g
Specific Gravity of Paraffin	0.9	0.9	0.9
SPGR (Max,Gmm)	2.532	2.532	2.532
SPGR (Compacted,Roadway)	2.403	2.414	2.378
Unit Wt (Compacted,Roadway)	149.566	150.265	147.997 lb/ft3
Relative Compaction (Roadway)	94.896	95.34	93.901 %

	Results	Targets	Specifications
SPGR (Compacted,Roadway)	2.398		
Unit Wt (Compacted,Roadway) lb/ft3	149.276		
Relative Compaction (Roadway) %	94.712		

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	DATE
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	07/17/2013
	CONTRACT NUMBER/CO/RTE/PM Hunters Point Parcel B
	PRODUCER MIX IDENTIFICATION NUMBER 784
	HMA TYPE 1/2" HMA
This form must be submitted with all daily testing reports. Circle all test results that are not within the Action Limits. Use additional sheets as necessary.	LOT NUMBER 1

Quality Characteristic		Test Method	Testing Frequency	Test Result Sublot Number SSF 3	Test Result Sublot Number RWC 1	Test Result Sublot Number	Test Result Sublot Number
Asphalt binder content (%)		CT 379 or CT 382	1 per sublot	5.4	5.8		
Aggregate gradation (% passing, report to tenth)		CT 202	1 per sublot				
Sieve Size							
% Passing	2"						
	1 1/2"						
	1"			100	100		
	3/4"			100	100		
	1/2"			98	97		
	3/8"			89	88		
	No. 4			62	61		
	No. 8			44	44		
	No. 16			31	31		
	No. 30			20	21		
	No. 50			12	13		
	No. 100			6	6		
	No. 200			4.5	4.1		
Density		QC Plan	1 per sublot				
Sand Equivalent		CT 217	1 per sublot	79	80		
Aggregate Moisture Content		CT 266 or 370	2 per production day	na	4.4		
HMA Moisture Content (%)		CT 370	1 per 2500 tons (1 per day)	0.0	0.0		
Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				
Modified Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	DATE 07/17/2013
	CONTRACT NUMBER/CO/RTE/PM Hunters Point Parcel B
	PRODUCER MIX IDENTIFICATION NUMBER 784
	HMA TYPE 1/2" HMA
	LOT NUMBER 1

Quality Characteristic	Test Method	Testing Frequency	Test Result Sublot Numbers SSF 3	Test Result Sublot Numbers RWC 1	Test Result Sublot Numbers	Test Result Sublot Numbers
Los AngelesRattler, Loss at 500 Rev. (%)	CT 211	1 per project				
Crushed particles, course aggregate (%) One fractured face	CT 205	1 per project				
Crushed particles, course aggregate (%) Two fractured faces	CT 205	1 per project				
Crushed particles, fine aggregate (%) One fractured face	CT 205	1 per project				
Fine aggregate angularity (%)	AASHTO T 304 (Method A)	1 per project				
Flat and elongated particles (% by mass 3:1)	ASTM D 4791	1 per project				
Flat and elongated particles (% by mass 5:1)	ASTM D 4791	1 per project				
Air Voids Content (%)	CT 367	1 per project				
Voids in mineral aggregate (%)	LP-2	1 per project				
Voids filled with asphalt (%)	LP-3	1 per project				
Dust proportion	LP-4	1 per project				
* CTM 309			2.572	2.542		
CTM 308						

* When the special provisions require additional quality control testing, use the blank lines above to record quality characteristics test methods, testing frequencies, and test results.

ADA Notice For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

GRANITE™

Pleasanton HMA Plant
1544 Stanley Boulevard
Pleasanton, CA 94566
925-462-1033

Asphalt Core Density

Plant Pleasanton HMA Plant-100369
Product 1016-1/2"HMA64-10PM ELIOT-HMA

1243361150

Test Information

Test Number 1243361223
Date Started 07/17/2013 14:58
Date Completed 07/17/2013 14:58
Tested By Eli Alvarado
Procedure
Lab Salinas

Sample No 1243361150
Date Sampled 07/17/2013 14:58
Test Note

GRANITE™

Pleasanton HMA Plant
1544 Stanley Boulevard
Pleasanton, CA 94566
925-462-1033

Asphalt Core Density

Test Results

Subsamples 3

Location Roadway

Method A With Paraffin

Compaction Relative To Gmm

Water Density lb/ft3

	Subsample 1	Subsample 2	Subsample 3
Include	☑	☑	☑
Core Number	1-3-1C	1-3-2C	1-3-3C
Core ID			
Position			
Thickness	2.64	2.3	2.51 in
Water Temperature	77	77	77 F
Mass Of Pan	0	0	0 g
Mass Of Pan + Dry Sample	1097.7	952.2	1051.4 g
Mass Of Pan + Dry Sample + Paraffin	1112.4	965.6	1066.3 g
Mass Of Pan + SSD Sample			g
Mass Of Sample In Water	641.5	553.3	613.8 g
Mass of Volumeter + Water			g
Mass of Volumeter + Sample + Water			g
Specific Gravity of Paraffin	0.9	0.9	0.9
SPGR (Max,Gmm)	2.532	2.532	2.532
SPGR (Compacted,Roadway)	2.415	2.396	2.412
Unit Wt (Compacted,Roadway)	150.317	149.145	150.127 lb/ft3
Relative Compaction (Roadway)	95.372	94.629	95.252 %

	Results	Targets	Specifications
SPGR (Compacted,Roadway)	2.408		
Unit Wt (Compacted,Roadway) lb/ft3	149.863		
Relative Compaction (Roadway) %	95.084		

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	DATE
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	07/18/2013
	CONTRACT NUMBER/CO/RTE/PM Hunters Point Parcel B
	PRODUCER MIX IDENTIFICATION NUMBER 784
	HMA TYPE 1/2" HMA
This form must be submitted with all daily testing reports. Circle all test results that are not within the Action Limits. Use additional sheets as necessary.	LOT NUMBER 1

Quality Characteristic		Test Method	Testing Frequency	Test Result Sublot Number SSF 4	Test Result Sublot Number	Test Result Sublot Number	Test Result Sublot Number
Asphalt binder content (%)		CT 379 or CT 382	1 per sublot	5.9			
Aggregate gradation (% passing, report to tenth)		CT 202	1 per sublot				
Sieve Size							
% Passing	2"						
	1 1/2"						
	1"			100			
	3/4"			100			
	1/2"			98			
	3/8"			90			
	No. 4			63			
	No. 8			44			
	No. 16			33			
	No. 30			23			
	No. 50			14			
	No. 100			7			
	No. 200			5.0			
Density		QC Plan	1 per sublot				
Sand Equivalent		CT 217	1 per sublot	78			
Aggregate Moisture Content		CT 266 or 370	2 per production day	na			
HMA Moisture Content (%)		CT 370	1 per 2500 tons (1 per day)	0.0			
Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				
Modified Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	DATE 07/18/2013
	CONTRACT NUMBER/CO/RTE/PM Hunters Point Parcel B
	PRODUCER MIX IDENTIFICATION NUMBER 784
	HMA TYPE 1/2" HMA
	LOT NUMBER 1

Quality Characteristic	Test Method	Testing Frequency	Test Result Sublot Numbers SSF 4	Test Result Sublot Numbers	Test Result Sublot Numbers	Test Result Sublot Numbers
Los AngelesRattler, Loss at 500 Rev. (%)	CT 211	1 per project				
Crushed particles, course aggregate (%) One fractured face	CT 205	1 per project				
Crushed particles, course aggregate (%) Two fractured faces	CT 205	1 per project				
Crushed particles, fine aggregate (%) One fractured face	CT 205	1 per project				
Fine aggregate angularity (%)	AASHTO T 304 (Method A)	1 per project				
Flat and elongated particles (% by mass 3:1)	ASTM D 4791	1 per project				
Flat and elongated particles (% by mass 5:1)	ASTM D 4791	1 per project				
Air Voids Content (%)	CT 367	1 per project				
Voids in mineral aggregate (%)	LP-2	1 per project				
Voids filled with asphalt (%)	LP-3	1 per project				
Dust proportion	LP-4	1 per project				
* CTM 309			2.551			
CTM 308						

* When the special provisions require additional quality control testing, use the blank lines above to record quality characteristics test methods, testing frequencies, and test results.

ADA Notice For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

Photo 1: Asphalt Cover Installation – Compacting asphalt pavement in the drainage swale to the southeast of Building 130

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 18, 2013

Photo 2: Asphalt Cover Installation – Placing a 2-inch layer of asphalt pavement in drainage swale south of Building 120

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 18, 2013

Photo 3: Asphalt Cover Installation – Placing and compacting asphalt pavement in drainage swale to the southwest of Dry Docks 5, 6, and 7

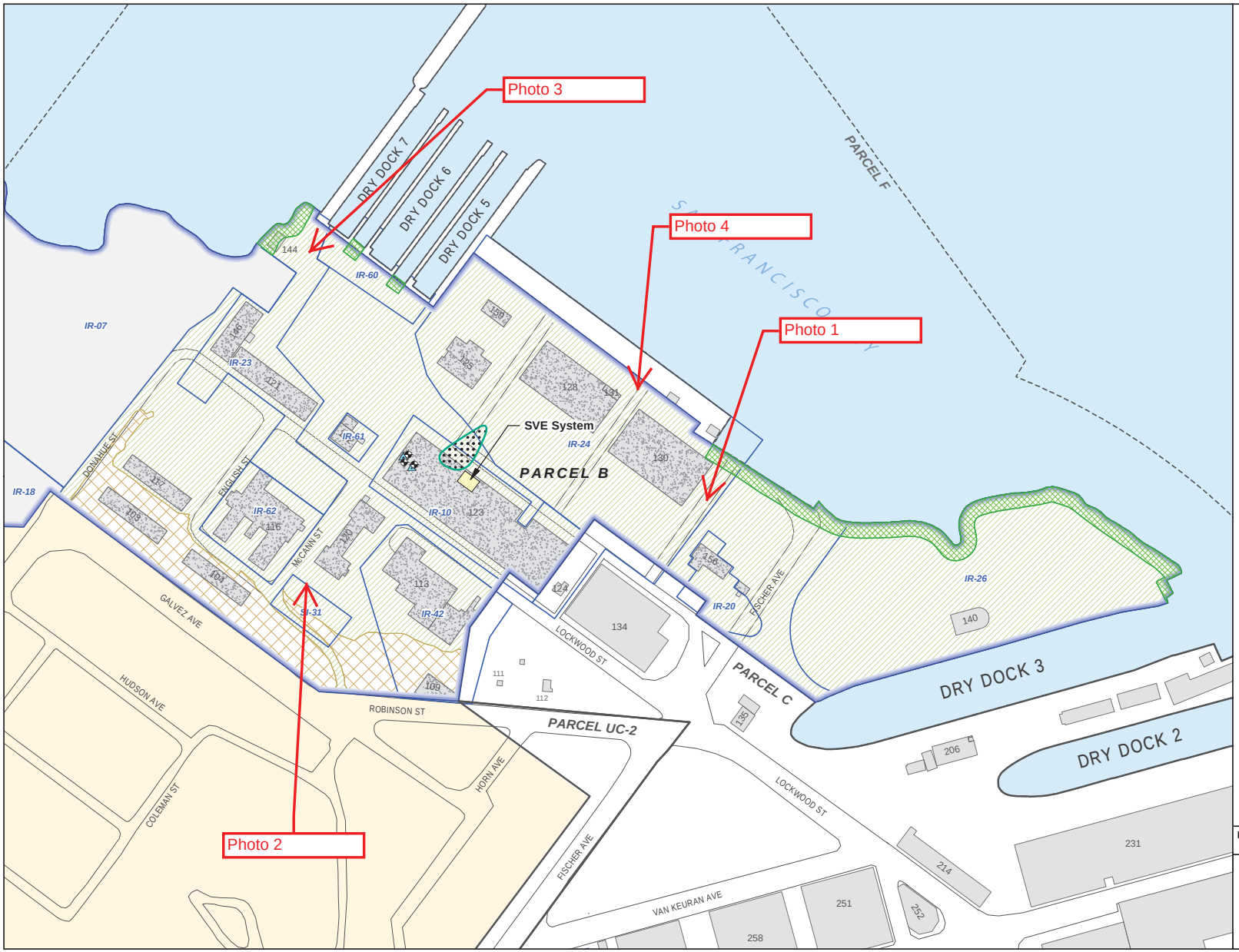
HPNS Parcel B Remedial Action, San Francisco, California

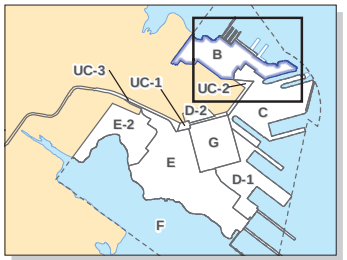
Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 18, 2013

Photo 4: Asphalt Cover Installation – Placing a 2-inch layer of asphalt pavement in drainage swale to the northeast of Buildings 128 and 159

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 18, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/19/13		
CONTRACT NO	N62473-09-D-2608	TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	172		
CONTRACTOR	Engineering/Remediation Resources Group, Inc.	SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool	PM WEATHER	Sunny/Warm
MAX TEMP (F)	70	MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Site Grading and Paving	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	0
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	ERRG crew excavating trench and installing drain pipe from corner of building	ERRG	1	H&S Officer	8
	115 to the swale south of building 120.	ERRG	3	QC Staff	28
		ERRG	1	Equipment Operators	2
05	Granite crew paving bottom of Donahue, swale at 128, building aprons at 156,	ERRG	4	Laborers	28
	and 125. Paving along the revetment from the pump house to the west. Loaded	ERRG	1	SVE Tech	4
	out a couple loads of spoil AC material for recycle at paving plant.				

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	230
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	23,745
TOTAL WORK HOURS FROM START OF CONSTRUCTION	23,975

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading and asphalt placement, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		45 loads Granite trucks hauling asphalt (930.50 tons)
05		1 Load of Class II AB (12 tons)
05		Ditch Witch Walk behind trencher

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	ERRG	70KW Generators (2ea)	48
05	ERRG	2 Kubota off road vehicles	16
05	Granite	5 ton Smooth Drum Roller	8
05	Granite	Cat 14H Motor Grader	8
05	Granite	Freightliner 4000 gallon water truck	8
05	Grainte	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	3
05	Granite	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS

James Nores 07/19/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/19/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	172 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Foggy/Cool
PM WEATHER	Sunny/Warm
MAX TEMP (F)	70
MIN TEMP (F)	54

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
		Granite Construction	5	laborers	50
		Granite Construction	6	Operators	60
		Granite Construction	1	Truck driver	10
		Granite Construction	1	Foreman	10
		Garco	1	Testing engineer (Granite)	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	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Granite	Terex Paver	8
05	ERRG	JD 210 Skip Loader	8
05	Granite	JD 210 Skip loader	8
05	ERRG	JD 710 Backhoe	0
05	United Rentals	Ditch Witch walk behind trencher	4
05	ERRG	nuclear denisity gauge	4
05	Granite	2ea Cat Smooth drum roller 12 ton	16
05	Granite	Cat Smooth Drum roller 5 ton	8

Schedule Activity No.	REMARKS

James Nores 07/19/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/19/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK DRAIN PIPE, PAINT, PAVING PROP, PAVING, SVE SYSTEM

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT MOVEMENT, TRUCKS, DITCHING, TRAFFIC CONTROL

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JEREMY AGUIAR	ERRG	[signature]
F LOZA	ERRG	[signature]
R Rodriguez	ERRG	[signature]
Lorenzo J Lopez	Granite	[signature]
Bob Cleland		[signature]
Dave Garcia	GCC	[signature]
Pete Castaneda	GCC	[signature]
JAIME SOTO	GCC	[signature]
Eli Alvarado	GCCO	[signature]
Herb Meyers	Granite	[signature]
Alejandro Marcelo	Granite	[signature]
Matt Johnstone	Granite	[signature]
Brian Kilmore	Granite	[signature]
Danny Langdon	GRANITE	[signature]
Michael Goymerau	ERRG	[signature]
JESSE GROOMS	GRANITE	[signature]
Jason Spiess	GRANITE	[signature]
JOSE Ortiz	Granite	[signature]
RAY Navarrete	Granite	[signature]
Spencer Slominski	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE [signature]

SUPERINTENDENT James Nores

SIGNATURE [signature]

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Tracey Denton	Granite	[signature]
[illegible]	ERRG	[signature]
David T. Bennicken	ERRG	[signature]
Spencer Johnson	ERRG	[signature]
Ty Appl	ERRG	[signature]

SSHO: [redacted] R. EPP

SUPERINTENDENT: James Nores

SIGNATURE: _____

SIGNATURE: _____

#22 Bldg 117 Repair

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

#13 Base Income

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #: 14 Paving
16 SVE System

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	7/19/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	7/19/13 0700
Employee(s):	JEREMY AGUIAR	[signature]	7-19-13 0700
	P Rodriguez	[signature]	7-19-13 0700
	F. LOZA	[signature]	7-19-13 0700
	JAIME SOTO	[signature]	7-19-13 7:00
	Lorenzo Lopez Ambri	[signature]	7-19-13 7:00
	Bob Cleland	Bob Cleland	7-19-13 7
	X		
	Dave Garcia	[signature]	7-19-13 7
	Pete Castaneda	[signature]	7-19-13
	Eli Alvarado	[signature]	7-19-13 7:00
	Herb Meyers	[signature]	7-19-13 7:00
	Alejandro Marzo	[signature]	7-19-13 7:00
	Matt Johnstone	[signature]	7-19-13 7:00
	Brian Kilwine	[signature]	7-18-13
	Danny Langdon	[signature]	7/19/13

EPPC

Pg 2

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: _____

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	7/19/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EAP		
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):	Michael Guymerac	[signature]	
	Jesse Grooms	[signature]	7/19/13 7:00 am
	Jason Spluss	[signature]	7/19/13 7:00 AM
	Jose Ochoa	Jose Ochoa	7/19/13 7:00 AM
	R.C. Navarrete	[signature]	7/19/13 7:00
	Tracy Denton	[signature]	7/19/13 7:00
	David Beaukel	[signature]	7/19/13 7:00
	J. Correia	[signature]	7/19/13 0700
	Spencer Johnson	[signature]	7/19/13 0700

EPPC

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	FRIDAY	Date:	7/19/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	CLOUDY + FOG, CLEAR + WINDY	Page:	1 of 1
Site Visitors:	NONE		

Description of Field Activities:

INSTALLING DRAIN PIPE FROM SUNKEN PATIO @ 115 TO SWALE SOUTH OF BLDG. 120.

GRANITE COMPLETED AREA AT BOTTOM OF DONAHUE GRADE, COMPLETED SWALE SOUTH OF BLDG 128, STRIPS ON BOTH SIDES OF 156+125. PAVING FROM RIPRAP TO SWALE ALONG SHORELINE FROM PUMP HOUSE WEST. LOADED + HAULED OUT ACCUMULATION OF TRUCK CLEANOUT & CHUNKS OF ASPHALT.

ERRG EQUIPMENT – SKIP LOADER, 4" DITCH WITCH, 2 KUBOTAS

Signed: [signature] Date: 7/19/13

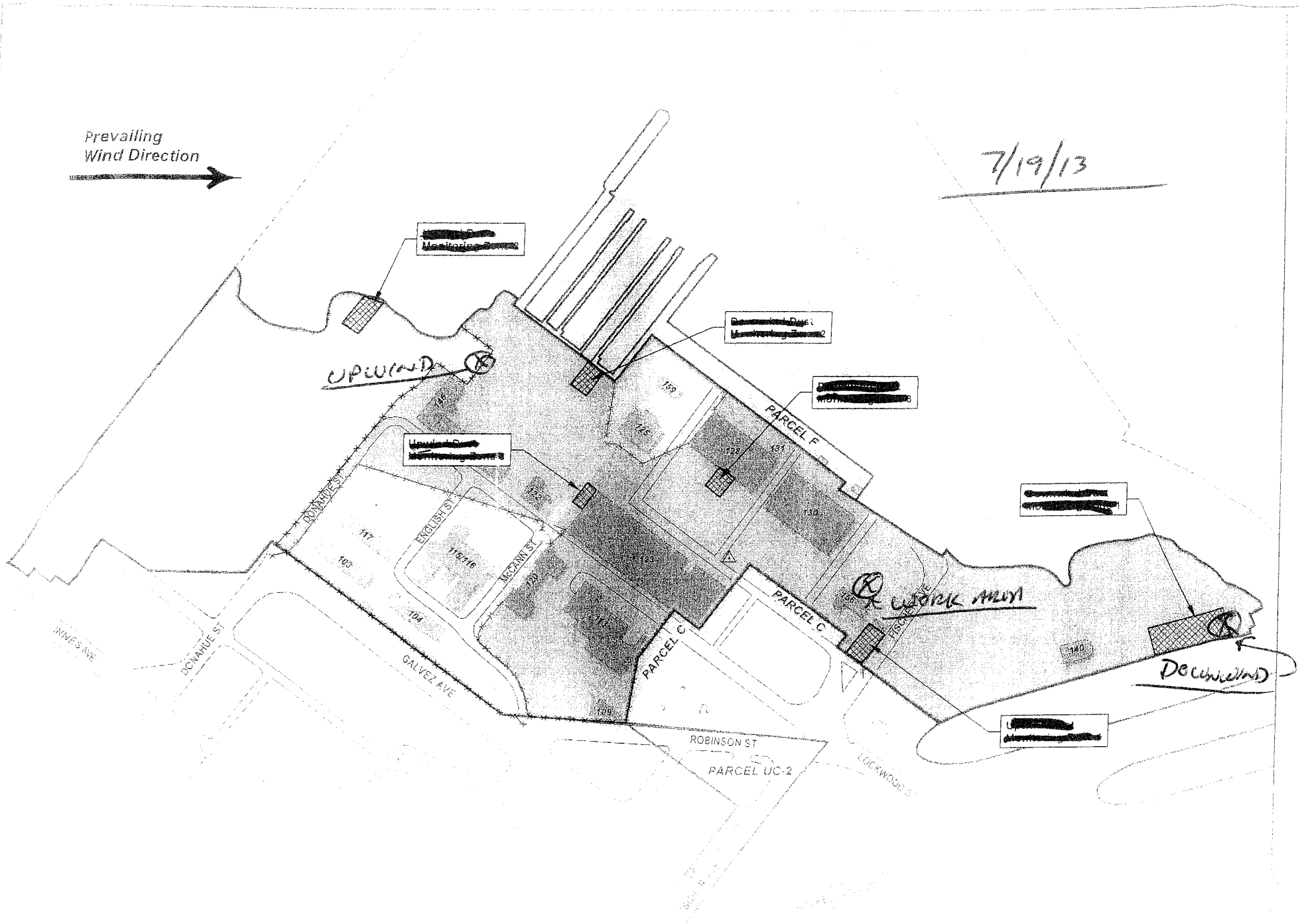
ERRG

AIR MONITORING LOG SHEET

ERRG

Prepared by:	Richard Epp	Client:	US Navy
Project Name:	Hunters Point Naval Shipyards	Project No.:	2012-037
Site Location:	Parcel B	Page:	1 of 1
Calibration (Date and Time):	7/15 + 18	Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND / LAYDOWN FENCE	7/19/13	0938	0.010	0.008	FOG
MAIN # 1161		1058	0.003	0.004	
		1203	0.002	0.000	
		1326	0.000	0.000	
		1505	0.000	0.000	
DWORK AREA / SAFETY	7/19/13	0941	0.000	0.001	
TABLE @ BLDG 156 / #1008		1102	0.000	0.000	
		1205	0.000	0.000	
		1328	0.000	0.000	
		1509	0.000	0.000	
DOWNWIND / DD #3 @	7/19/13	0945	0.004	0.007	
SHORELINE / # 10973		1105	0.004	0.003	
		1207	0.005	0.002	
		1330	0.007	0.010	BATTERY CHAR LOW - TIGHTENED
		1512	—	—	BATTERY DEAD.



Prevailing
Wind Direction
7/19/13
UPWIND
WORK AREA
DOWNWIND
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
DONAHUE ST
ENGLISH ST
McCANN ST
GALVEZ AVE
ROBINSON ST
INNES AVE
LOCKWOOD ST
FISCHER AVE

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: KUBOTA **Identification Number:** TW110T7

Project Number / Name: HPNS **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	7-15-13 0534 A			7-16-13 0544 A			7-17-13 0554 A			7-18-13 0571 A			7-19-13 0593 A			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	~~EMERGENCY~~ BRAKES
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	SLIGHTLY SLIPPING
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	ON HILL
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and 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: Skip Loader John Deere 210 **Identification Number:** FC6X94

Project Number / Name: HP 037 **Rental** ☐ **ERRG** ☑

Inspected By (Initials) And Date:	A.W. 7-15-13 HR. 1767.6			7-16-13 1772.0FL			7-17-13 1774.1			7-18-13 1779.1			7-19-13 1777.4			Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	damage Left front side wall of tire
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	
Windows and 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: seat belt not working

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SWEEPER **Identification Number:** _____

Project Number / Name: HPNS **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7-15-13 FL 27879			7-17-13 FL 27881			7-19-13 FL 27889									
	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: 310 BACKHOE **Identification Number:**

Project Number / Name: HPNS **Rental** ☐ **ERRG** ☒

Inspected By (Initials) And Date:	7-16-13 FL 1513.8			7-17-13 1514.9												Defect(s):
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Tracks	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steps and handgrips	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Guards on moving parts?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Engine belts and hoses	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Loading/lifting capacity marked?	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windows and mirrors unbroken?	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Gauges operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Battery charged?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Horn operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Back up alarm operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Lights and signals operative?	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Steering and other controls	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	
Brakes	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	

Explain corrective actions taken:

Bomag Roller
"Granite"

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Bomag Roller **Identification Number:** 10-423

Project Number / Name: Hunters Point Parcel B **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	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: D.S D.S D.S

Did not use

Bomag 120 3x5 Roller RENTAL Sunstate

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Bomag 120 **Identification Number:** TY3N98 Sunstate

Project Number / Name: Hunters Point Parcel B **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	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?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☐	☒	☐	☐	☑	☐	on site
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☑	
Gauges operative?	☐	☐	☐	☐	☑	☐	☐	☑	☐	☒	☐	☐	☑	☐	☐	
Battery charged?	☐	☐	☐	☐	☑	☐	☐	☑	☐	☒	☐	☐	☑	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☑	
Horn operative?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☑	☐	☐	
Back up alarm operative?	☐	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☑	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☑	
Steering and other controls	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☑	☐	
Brakes	☐	☐	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☑	☐	
				A-M			A-M			H-M			A-M			

Explain corrective actions taken:

Red # LK7B53 Sunstate (#2) 3/5 Roller

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: BW 120 AD Bomag 3/5 **Identification Number:** LK7B53

Project Number / Name: Hunters Point **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	Tue 7/16/13			7/17/13			7/18/13			7/19/13						
	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?	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	on site
Windows and mirrors unbroken?	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	
Gauges operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Battery charged?	☒	☐	☐	☒	☐	☐	☑	☐	☒	☒	☐	☐	☐	☐	☐	
Windshield wipers operative?	☐	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	
Horn operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	☐	
Back up alarm operative?	☒ REPAIRED	☐	☐	☒	☐	☐	☐	☑	☐	☒	☐	☐	☐	☐	☐	
Lights and signals operative?	☒	☐	☐	☒	☐	☐	☑	☐	☐	☐	☐	☒	☐	☐	☐	
Steering and other controls	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	
Brakes	☐	☒	☐	☐	☒	☐	☐	☑	☐	☐	☒	☐	☐	☐	☐	

Explain corrective actions taken: H.M. T.D A.M H.M Type BW 120 AD-4

BW 120 A.D

Serial #861880182213 Serial # 861880181410

DD 90

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Volvo DD90 HF Roller **Identification Number:** 10-11084 Serial #

Project Number / Name: Hunters Point Parcel B **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	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?	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☐	☐	☐	☐	On Site
Windows and 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: H.M. H.M. H.M.

Did not use

84" Smooth Drum
"Rental"
Harris

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 84" Smooth Drum Roller **Identification Number:** PT9L85

Project Number / Name: Hunters Point Parcel B **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☐	☐	☐	☐	☐	
	D.S.			DS			DS									

Explain corrective actions taken: Did not use

DD 90

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Volvo DD90 HF Roller **Identification Number:** 10-10012 Serial #VCECOOD90A0S27559

Project Number / Name: Hunters Point Parcel B **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	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?	☑	☑	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	on site
Windows and 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: T.D.

Did not use T.D

SERIAL # AX0552BLOKDA0411
MODEL CR 552
SERIAL # TAXOMS2BCOKDB0403
MODEL [illegible]

PAVER & Pick up Machine

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CR552 Asphalt Paver & MS2 Pick up Mach **Identification Number:** 16-12937 & 16-12938

Project Number / Name: Hunters Point Parcel B **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013 DRL			7/16/2013 DRL			7/17/2013			7/18/2013			7/19/2013			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☒	☐	☐	☒	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	None 7/15
Tracks	☐	☐	☐	☐	N/A	☐	OK	☐	☐	☐	☐	☐	N/A	☐	☐	None 7/16
Steps and handgrips	☐	☒	☐	☐	☒	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	None 7/17
Guards on moving parts?	☐	☒	☐	☐	OK	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	No Defects
Engine belts and hoses	☐	☒	☐	☐	OK	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Fluid levels acceptable?	☐	☒	☐	☐	OK	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Loading/lifting capacity marked?	☐	☐	☐	☐	OK	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Seat belt operative?	☒	☐	☐	☐	N/A	☐	N/A	☐	☐	N/A	☐	☐	N/A	☐	☐	
Fire extinguisher present?	☒	☐	☐	☐	YES	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Windows and mirrors unbroken?	☐	N/A	☐	☐	N/A	☐	OK	☐	☐	N/A	☐	☐	N/A	☐	☐	
Gauges operative?	☒	☐	☐	☐	YES	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Battery charged?	☒	☐	☐	☐	YES	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Windshield wipers operative?	☐	N/A	☐	☐	N/A	☐	OK	☐	☐	N/A	☐	☐	N/A	☐	☐	
Horn operative?	☒	☐	☐	☐	YES	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Back up alarm operative?	☒	☐	☐	☐	YES	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Lights and signals operative?	☒	☐	☐	☐	YES	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Steering and other controls	☐	OK	☐	☐	OK	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
Brakes	☐	OK	☐	☐	OK	☐	OK	☐	☐	OK	☐	☐	OK	☐	☐	
	All	BY DRL		DRL			DRL			DRL			DRL			

Explain corrective actions taken:

GILCREST PRO PAVER

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: GILCREST PRO PAVER **Identification Number:** _____

Project Number / Name: HUNTERS POINT PARCEL B **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
										SL			SL			
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	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: _____

SHUTTLE BUGGY

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: SHUTTLE BUGGY (RADTEC) **Identification Number:** SA P4428

Project Number / Name: Hunters Point Parcel B **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	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?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☒	☒	☐	☐	~~OUT SITE~~
Fire extinguisher present?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	on SITE
Windows and mirrors unbroken?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	
Gauges operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	
Battery charged?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	
Windshield wipers operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	
Horn operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	
Back up alarm operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	
Lights and signals operative?	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	
Steering and other controls	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	
Brakes	☐	☐	☐	☐	☐	☐	☐	☐	☐	☒	☐	☐	☒	☐	☐	
										V.S			V.S			

Explain corrective actions taken:

CAT 14 BLADE / "RENTAL" Harris

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: CAT 14 BLADE **Identification Number:** 14 G HARRIS Rental

Project Number / Name: HUNTERS POINT PARCEL B **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	BC			BC					X							
Tracks			BC	BC		BC			X							
Steps and handgrips	BC			BC			X									
Guards on moving parts?	BC			BC			X									
Engine belts and hoses	BC			BC			X									
Fluid levels acceptable?	BC			BC			X									
Loading/lifting capacity marked?			BC			BC			X							
Seat belt operative?	BC			BC			X									
Fire extinguisher present?	BC			BC			X									
Windows and mirrors unbroken?	BC			BC			X									
Gauges operative?	BC			BC			X									
Battery charged?	BC			BC			X									
Windshield wipers operative?	BC			BC			X									
Horn operative?	BC			BC			X									
Back up alarm operative?	BC			BC			X									
Lights and signals operative?	BC			BC			X									
Steering and other controls	BC			BC			X									
Brakes	BC			BC			X									

Explain corrective actions taken: D.C B.C B.C

DID not use

210 skip
"RENTAL"
HERTZ

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 210 John Deere Skiploader **Identification Number:** HU6Y95 Rental

Project Number / Name: Hunters Point Parcel B **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	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	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
	DS			DS			DS			BZ			BZ			

Explain corrective actions taken:

210 skip

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: 210 JD Skiploader **Identification Number:** 08-1273 Serial # TO210LE888049

Project Number / Name: Hunters Point Parcel B **Rental** ☐ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☒	☐	☒	☐	☐	☐	☐	☒	☐	☒	☐	☐	☒	☐	Low Front tire
Tracks	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Steps and handgrips	☐	☒	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	
Guards on moving parts?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	
Engine belts and hoses	☐	☒	☐	☒	☐	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	
Fluid levels acceptable?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☒	☐	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	
Seat belt operative?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and 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: BZ BC BC BC BZ BZ

EXTRA

ERRG

210K

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: Hertz equipment rental skip loader **Identification Number:** 224-06-0120

Project Number / Name: Hunters Point Parcel B **Rental** ☒ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	7-15-13			7-16-13			7-17-13			7-18-13			7/19/13			
	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	Yes	No	N/A	
Tires and rims	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	
Tracks	☐	☑	☐	☐	☑	☐	☐	☑	☐	☐	☐	☒	☐	☐	☒	BAD & leak Front Repaired
Steps and handgrips	☐	☑	☐	☐	☑	☐	☐	☑	☐	☒	☐	☐	☒	☐	☐	
Guards on moving parts?	☐	☑	☐	☐	☑	☐	☐	☑	☐	☒	☐	☐	☒	☐	☐	
Engine belts and hoses	☐	☑	☐	☐	☑	☐	☐	☑	☐	☒	☐	☐	☒	☐	☐	
Fluid levels acceptable?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Loading/lifting capacity marked?	☐	☑	☐	☐	☑	☐	☑	☐	☐	☐	☐	☑	☐	☐	☒	
Seat belt operative?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Fire extinguisher present?	☑	☐	☐	☑	☐	☐	☑	☐	☐	☒	☐	☐	☒	☐	☐	
Windows and 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: TD TD BR. BU TD.

Water Truck / RENTAL CAT stock

ERRG

DAILY HEAVY EQUIPMENT INSPECTION CHECKLIST

Equipment Type: ~~4500~~ 4000 gal WATER TRUCK **Identification Number:** CA 18457 Hall of Ca.

Project Number / Name: HUNTERS POINT Parcel B **Rental** ☑ **ERRG** ☐

Inspected By (Initials) And Date:	Heavy Equipment Defects															Defect(s):
	RM 7/15/2013			7/16/2013			7/17/2013			7/18/2013			7/19/2013			
	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:	RM			MJ			MJ			MJ			MJ			

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/19/13

REPORT NO 172

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
05	Installed a 3-inch diameter steel pipe under the road between the south corner of Building 115 to the swale adjacent to Building 120 to allow
	drainage from the patio at Building 115 to flow to the swale.
05	Granite Construction installed a 2-inch thick layer of asphalt pavement in the swale along Donahue St and between the swale and the Parcel B
	boundary. Continued installing a 2-inch layer of asphalt pavement in the swale north of Building 128 and the area between Building 125 and
	Building 156. Installed a 2-inch layer of asphalt pavement over a width of approximately 20 feet along the edge of revetment west of the Building
	140 outfall channel. Verified that the activities complied with the Asphalt Cover Installation checklist.
	Garco Testing Labs collected pavement core samples for density testing and pavement thickness verification. Collected samples of hot mix asphalt
	for mixture properties testing. See attached QC test report for hot mix testing performed on 7/19/13.
06	Continued multi-well flow field testing of the SVE system to determine the optimum configuration of SVE wells that can be operated simultaneously.

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 — 07/19/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/19/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**		**X**		
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**	**X**			
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**	**X**			
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**	**X**			
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**	**X**			
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Receivables					
Material properties sheet				**X**	
Manufacturers QC Manual				**X**	
QC Certification				**X**	
QC Test report		**X**			See attached test report for HMA samples collected on 7/19
Verification of Manifest (lot #, roll #, roll dimension, Product ID, date manufactured		**X**			Collected load tags from asphalt delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/19/13

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	DATE: 07/19/2013
	CONTRACT NUMBER/CO/RTE/PM: Hunters Point Parcel B
	PRODUCER MIX IDENTIFICATION NUMBER: 784
	HMA TYPE: 1/2" HMA
This form must be submitted with all daily testing reports. Circle all test results that are not within the Action Limits. Use additional sheets as necessary.	LOT NUMBER: 1

Quality Characteristic		Test Method	Testing Frequency	Test Result Sublot Number SSF 5	Test Result Sublot Number RWC 2	Test Result Sublot Number	Test Result Sublot Number
Asphalt binder content (%)		CT 379 or CT 382	1 per sublot	5.7	5.7		
Aggregate gradation (% passing, report to tenth)		CT 202	1 per sublot				
Sieve Size							
% Passing	2"						
	1 1/2"						
	1"			100	100		
	3/4"			100	100		
	1/2"			99	97		
	3/8"			90	86		
	No. 4			62	60		
	No. 8			43	43		
	No. 16			30	30		
	No. 30			19	20		
	No. 50			12	12		
	No. 100			6	6		
	No. 200			4.5	4.2		
Density		QC Plan	1 per sublot				
Sand Equivalent		CT 217	1 per sublot	79	81		
Aggregate Moisture Content		CT 266 or 370	2 per production day	na	4.8		
HMA Moisture Content (%)		CT 370	1 per 2500 tons (1 per day)	0.0	0.0		
Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				
Modified Stabilometer value		CT 366	1 per 4000 tons (2 per 5 days)				

STATE OF CALIFORNIA • DEPARTMENT OF TRANSPORTATION

DAILY SUMMARY OF QUALITY CONTROL TESTING

CEM-3803 (NEW 04/2009)

CONTRACTOR NAME, ADDRESS, AND PHONE NUMBER	
Granite Construction 715 Comstock Street Santa Clara, CA 95054 408-327-7000	DATE 07/19/2013
	CONTRACT NUMBER/CO/RTE/PM Hunters Point Parcel D
	PRODUCER MIX IDENTIFICATION NUMBER 784
	HMA TYPE 1/2" HMA
	LOT NUMBER 1

Quality Characteristic	Test Method	Testing Frequency	Test Result Sublot Numbers SSF 5	Test Result Sublot Numbers RWC 2	Test Result Sublot Numbers	Test Result Sublot Numbers
Los AngelesRattler, Loss at 500 Rev. (%)	CT 211	1 per project				
Crushed particles, course aggregate (%) One fractured face	CT 205	1 per project				
Crushed particles, course aggregate (%) Two fractured faces	CT 205	1 per project				
Crushed particles, fine aggregate (%) One fractured face	CT 205	1 per project				
Fine aggregate angularity (%)	AASHTO T 304 (Method A)	1 per project				
Flat and elongated particles (% by mass 3:1)	ASTM D 4791	1 per project				
Flat and elongated particles (% by mass 5:1)	ASTM D 4791	1 per project				
Air Voids Content (%)	CT 367	1 per project				
Voids in mineral aggregate (%)	LP-2	1 per project				
Voids filled with asphalt (%)	LP-3	1 per project				
Dust proportion	LP-4	1 per project				
* CTM 309			2.556	2.555		
CTM 308						

* When the special provisions require additional quality control testing, use the blank lines above to record quality characteristics test methods, testing frequencies, and test results.

ADA Notice For individuals with sensory disabilities, this document is available in alternate formats. For information call (916) 654-6410 or TDD (916) 654-3880 or write Records and Forms Management, 1120 N Street, MS-89, Sacramento, CA 95814.

Photo 1: Asphalt Cover Installation – Installation of an underground drain pipe between the patio on the southwest side of Building 115 and the swale adjacent to Building 120

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 19, 2013

Photo 2: Asphalt Cover Installation – Placing a 2-inch layer of asphalt pavement adjacent to the swale along Donahue St

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 19, 2013

Photo 3: Asphalt Cover Installation –Asphalt pavement installed in the drainage swale northwest of Building 146

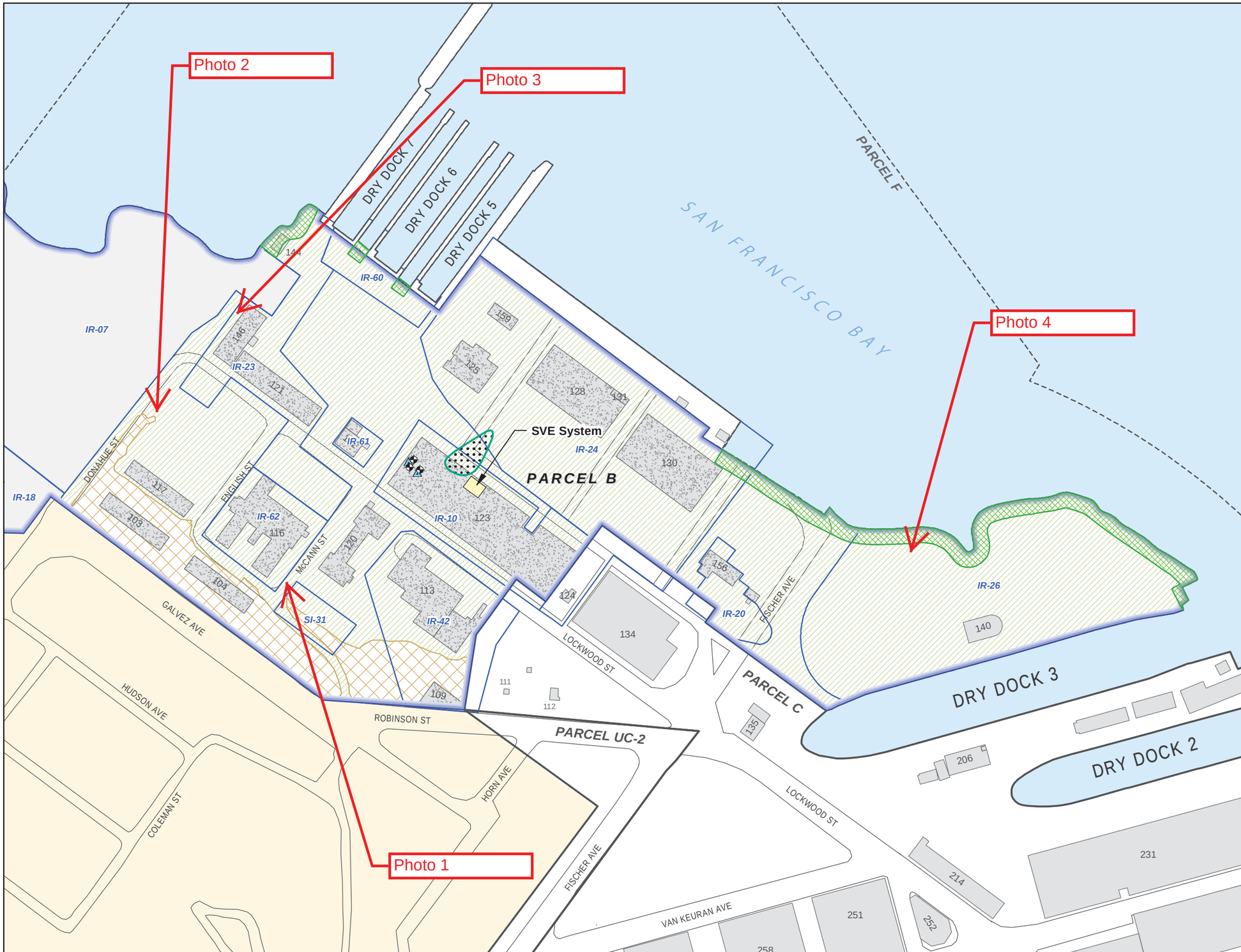
HPNS Parcel B Remedial Action, San Francisco, California

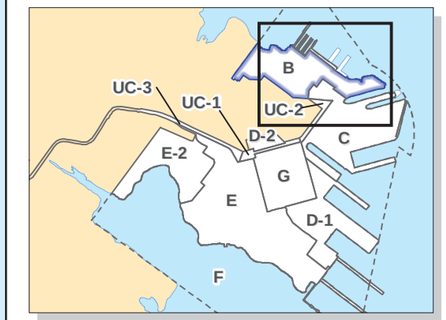
Photographed by: Michael Goymerac (ERRG, Inc.) Date: July 19, 2013

Photo 4: Asphalt Cover Installation – Asphalt pavement installed along the edge of revetment west of the Building 140 outfall channel

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Michael Goymerac (ERRG, Inc.) Date: July 19, 2013





Component of Remedy

- New SVE Well Location
- New Nested Vapor Monitoring Well
- Revetment
- Site Grading for Asphaltic Concrete Cover
- 2-Foot Excavation/2-Foot Soil Cover Area
- Polylactate Injection Area
- Building Foundation Repair

Other Features

- Road Edge
- IR Boundary
- Parcel B Boundary
- Parcel F Boundary
- Other Parcel Boundary
- 130 Existing Building
- Non-Navy Property

Note:
IR-46 (Fuel Distribution Lines) not shown on map.

Source:
ChaduxTt, 2010. "Final Remedial Design Package for Parcel B, Excluding Installation Restoration Sites 7 and 18, Hunters Point Shipyard, San Francisco, California." December.

N

260 0 260
Scale in Feet

ERRG ENGINEERING/REMEDIATION RESOURCES GROUP, INC.

Hunters Point Naval Shipyard, San Francisco, California
Department of the Navy, BRAC PMO West, San Diego, California

FIGURE 3

DESIGN OVERVIEW

N:\Graphics\2012\2012-037 HPS Parcel B\GIS\RAWP\Design Overview.mxd

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

CONTRACT NO: N62473-09-D-2608	TITLE AND LOCATION: RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF	DATE: 07/22/13	REPORT NO: 173
CONTRACTOR: Engineering/Remediation Resources Group, Inc.		SUPERINTENDENT: James Nores	
AM WEATHER: Cloudy/Cool	PM WEATHER: Cloudy/mild	MAX TEMP (F): 68	MIN TEMP (F): 55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
05	Conduct tailgate safety meeting, review AHA for Site Grading and Paving	ERRG	1	Superintendent	10
		ERRG	1	Construction Manager	2
04	Continue irrigating all hydro seeded slopes.	ERRG	1	Project Manager	0
		ERRG	1	QC Manager	10
05	ERRG Crew finish painting the repair area at the corner of building 117, continue	ERRG	1	H&S Officer	8
	AB placement at the doorway on SW corner of building 116 and under the	ERRG	2	QC Staff	20
	stairwells at both buildings.	ERRG	1	Equipment Operators	4
		ERRG	4	Laborers	30
05	Granite crew paving the area between building 123 and 113/120 from retaining	ERRG	1	SVE Tech	4
	wall and slope. Pave strip along the south side of building 121, and along the				
	swale between 117 and 146.				

JOB SAFETY			
WAS A JOB SAFETY MEETING HELD THIS DATE? (If YES attach copy of the meeting minutes)	■ YES	☐ NO	
WERE THERE ANY LOST TIME ACCIDENTS THIS DATE? (If YES attach copy of completed OSHA report)	☐ YES	■ NO	
WAS CRANE/MANLIFT/TRENCHING/SCAFFOLD/HV ELEC/HIGH WORK/ HAZMAT WORK DONE? (If YES attach statement or checklist showing inspection performed.)	☐ YES	■ NO	
WAS HAZARDOUS MATERIAL/WASTE RELEASED INTO THE ENVIRONMENT? (If YES attach description of incident and proposed action.)	☐ YES	■ NO	

TOTAL WORK HOURS ON JOB SITE, THIS DATE, INCL CON'T SHEETS	218
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	23,975
TOTAL WORK HOURS FROM START OF CONSTRUCTION	24,193

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED	■ SAFETY REQUIREMENTS HAVE BEEN MET.
05	Tailgate safety briefing, AHA review for site grading and asphalt placement, equipment inspections performed daily.	

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received
05		44 loads Granite trucks hauling asphalt (909.70 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
05	ERRG	70KW Generators (2ea)	48
05	ERRG	2 Kubota off road vehicles	16
05	Granite	5 ton Smooth Drum Roller	8
05	Granite	Freightliner 4000 gallon water truck	8
05	Grainte	JD 210 Skip Loader	8
05	Harris Blade	Top Gun Street Sweeper	3
05	Granite	Cat 84" Smooth drum Roller	8

Schedule Activity No.	REMARKS

James Nores 07/22/13

CONTRACTOR/SUPERINTENDENT DATE

CONTRACTOR PRODUCTION REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE	07/22/13
CONTRACT NO	N62473-09-D-2608
TITLE AND LOCATION	RA at Parcel B (Excluding IR Sites 7 & 18), HPNS, SF
REPORT NO	173 cont.
CONTRACTOR	Engineering/Remediation Resources Group, Inc.
SUPERINTENDENT	James Nores
AM WEATHER	Cloudy/Cool
PM WEATHER	Cloudy/mild
MAX TEMP (F)	68
MIN TEMP (F)	55

WORK PERFORMED TODAY

Schedule Activity No.	WORK LOCATION AND DESCRIPTION	EMPLOYER	NUMBER	TRADE	HRS
		Granite Construction	5	laborers	50
		Granite Construction	5	Operators	50
		Granite Construction	1	Truck driver	10
		Granite Construction	1	Foreman	10
		Garco	1	Testing engineer (Granite)	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	
CUMULATIVE TOTAL OF WORK HOURS FROM PREVIOUS REPORT	
TOTAL WORK HOURS FROM START OF CONSTRUCTION	

Schedule Activity No.	LIST SAFETY ACTIONS TAKEN TODAY/SAFETY INSPECTIONS CONDUCTED ☐ SAFETY REQUIREMENTS HAVE BEEN MET.

EQUIPMENT/MATERIAL RECEIVED TODAY TO BE INCORPORATED IN JOB (INDICATE SCHEDULE ACTIVITY NUMBER)

Schedule Activity No.	Submittal #	Description of Equipment/Material Received

CONSTRUCTION AND PLANT EQUIPMENT ON JOB SITE TODAY. INDICATE HOURS USED AND SCHEDULE ACTIVITY NUMBER.

Schedule Activity No.	Owner	Description of Construction Equipment Used Today (incl Make and Model)	Hours Used
05	Granite	Terex Paver	8
05	ERRG	JD 210 Skip Loader	8
05	Granite	JD 210 Skip loader	8
05	ERRG	nuclear denisity gauge	0
05	Granite	Cat Smooth drum roller 12 ton	4
05	Granite	Cat Smooth Drum roller 5 ton	4
05	Granite	1 ea Cat Smooth drum roller 12 ton	8

Schedule Activity No.	REMARKS

James Nores 07/22/13

CONTRACTOR/SUPERINTENDENT DATE

ERRG

TAILGATE SAFETY MEETING

SITE LOCATION: HPNS **CONTRACT #** N62473-09-D-2608

DATE 7/22/13 **TIME** 0700 **PROJECT NUMBER** 2012-037

CLIENT Department of the Navy

SPECIFIC LOCATION Parcel B

TYPE OF WORK MISC. PAVING PREP, PAVING, PAINTING

SAFETY TOPICS PRESENTED

SAFETY TOPICS EQUIPMENT & TRUCKS, PPE, LADDER SAFETY

PROTECTIVE CLOTHING/EQUIPMENT Level D PPE, ear plugs and work gloves, rain gear as needed.

ISSUED LPO CARDS: _____ **Yes** _____ **No**

CHEMICAL HAZARDS Metals: As, Mn, Pb; VOCs, gasoline, diesel, grease

PHYSICAL HAZARDS Asbestos, silica dust, slips, trips and falls, heavy equipment struck by and caught between, heavy lifing, weather

BIOLOGICAL HAZARDS Snakes, rats, spiders, insects, harmful vegitation

EMERGENCY PROCEDURES Stabilize situation, call 911. Notify SHSO and Superintendent immediately.

CLINIC ADDRESS Concentra Medical Center, 2 Connecticut St., San Francisco 94107 **PHONE** 415-621-5055

HOSPITAL ADDRESS St Lukes Hospital, 3555 Cesar Chavez, San Francisco, 94124 **PHONE** 415-647-8600

SPECIAL EQUIPMENT

NOTE :

ATTENDEES

NAME PRINTED	COMPANY	SIGNATURE
JEREMY AGUIAR	ERRG	
Brian Kerr	ERRG	
F. LOZA	ERRG	
Matt Johnston	Granite	
Lorenzo Lopez	Granite	
Alejandro Manzo	Granite	
Herb Meyers	Granite	
Jorel Hoth	Granite	
Bob Cleland	Granite	
David Garcia	GCC	
Jaime Soto	GCC	
Danny Cousdon	GCC	
Jose Galvan	Granite	
Brian Kilgore	Granite	
Eli Alvarado	GCC	
Ray Mavarrella	Granite	
Mike Babal	ERRG	
Jamie Slomingh	ERRG	
David Berman	ERRG	

Health & Safety Officer Richard Epp

SIGNATURE

SUPERINTENDENT James Nores

SIGNATURE

ERRG

TAILGATE SAFETY MEETING

NAME PRINTED	COMPANY	SIGNATURE
Spencer Johnson	ERRG	

SSHO: [redacted]

SUPERINTENDENT: James Nores

SIGNATURE:

SIGNATURE:

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

* 16 SVE System
\# 13 Base Install
\# 14 Paving
\# 22 Bldg 117 Repair

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B

AHA #:

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores	[signature]	7/22/13 @ 0700
Site Safety and Health Officer:	[redacted] R. EPP	[signature]	7/22/13 @ 0700
Construction Quality Control Manager:	[redacted] S. SLOMINSKI	[signature]	7/22/13 0700
Employee(s):	JEREMY AGUIAR	[signature]	7-22-13 0700
	Brian Kerr	[signature]	7-22-13 0700
	F. LOZA	[signature]	7-22-13 0700
	Lorenzo [illegible]	[signature]	7-22-13 0700
	Matt Johnston	[signature]	7-22-13 7:00
	Alejandro Munzo	[signature]	7-22-13 7:00
	Herb Meyers	[signature]	7-22-13 7:00
	Jose L Horta	[signature]	7-22-13 7:00
	Bob Cleland	[signature]	7-22-13 7
	Dave Garcia	[signature]	7-22-13 7:00
	JAIME SOTO	[signature]	7-22-13 7:00
	Danny Langd	[signature]	7/22/13 7am
	Jose Calvan	Jose Calvan	7-22-13 7AM
	Brian Kitwine	[signature]	7-22-13 7am
	Eli Alvarado	[signature]	7-22-13 7:00
	RAY Navarrette	[signature]	7-22-13
	MIKE Barbot	[signature]	7-22-13 0700
	DAVID BELANGER	[signature]	7-22-13

EDDC

Pg. 2

Activity Hazard Analysis (AHA) Safety Compliance Agreement Form

Project #: 2012-037 [redacted] Hunters Point Naval Shipyard, Parcel [redacted] B AHA #: _____

Title/Position:	Print Name	Signature	Date/Time
Superintendent:	James Nores		
Site Safety and Health Officer:	[redacted] R. EPP		
Construction Quality Control Manager:	[redacted] S. SLOMINSKI		
Employee(s):			

DAILY FIELD ACTIVITY LOG

Prepared by:	Richard Epp	Client:	Navy
Day:	MONDAY	Date:	7/22/13
Project Name:	Hunters Point Naval Shipyard, Parcel B	Project No.:	2012-037
Weather:	OVERCAST	Page:	1 of 1
Site Visitors:	~~[illegible]~~ GRANITE - STEVE KASTURIE, RAY WOOLSEY		

Description of Field Activities:

PROPPING FOR PAVING WEST SIDE BLDG. 116.

PAINTING EXTERIOR REPAIR TO BLDG. 117.

PROPPING SUNFENCE ON SOUTH SIDE OF BLDG. 104

GRANITE - PAVING STRIP EAST OF SWALE BETWEEN BLDG. 117 + 146, PAVING STRIP ON SOUTH SIDE OF GREEN BLDG, PAVING SOUTH SIDE OF BLDG. 113 + NORTH SIDE FROM SWALE TO BLDG., PAVING SOUTH SIDE OF BLDG 123 TO SWALE.

ERRG EQUIPMENT - SKIDLOADER, 2 KUBOTAS

Signed: [signature] Date: 7/22/13

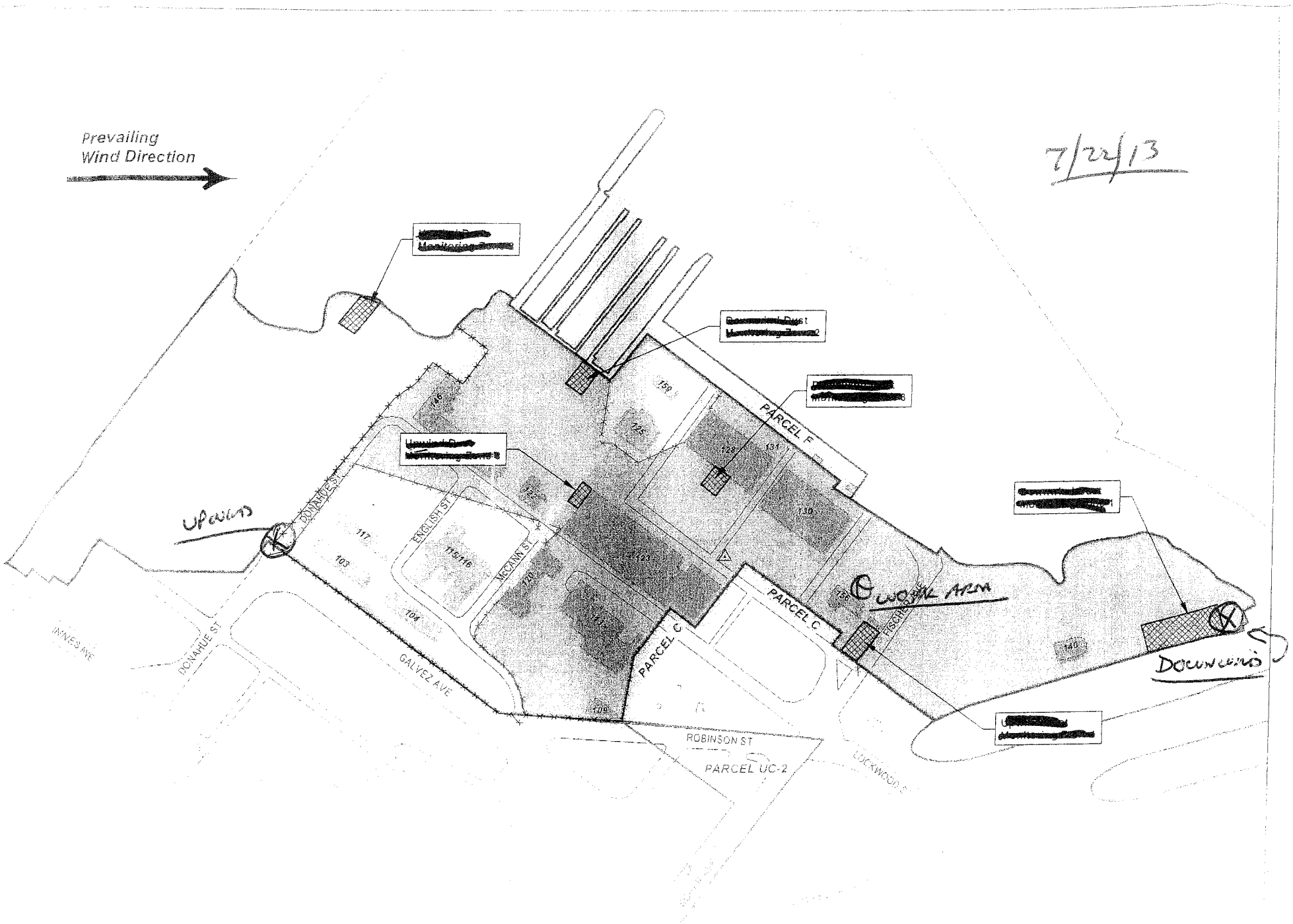
ERRG

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:	of
Calibration (Date and Time):		Standard Used:	Air Bag

Location	Date	Time	MiniRAM mg/m3	MiniRAM TWA mg/m3	Comments
UPWIND/Donahue @ Gilmore	7/22/13	0722	0.002	0.001	
Motor # 1161		0835	0.000	0.000	
		1020	—	—	BATT. DEAD
		1022	0.000	0.000	REPLACED
		1252	0.000	0.000	
		1353	0.000	0.000	
		1455	0.000	0.000	
WORK AREA / SAFETY TABLE	7/22/13	0728	0.000	0.000	
@ Bldg 156 / # 1008		0854	—	—	BATT. DEAD
		0856	0.000	0.000	REPLACED
		1022	0.000	0.000	
		1256	0.000	0.000	
		1356	0.005	0.000	
		1458	0.000	0.000	
DOWNWIND / DD #3 @	7/22/13	0731	0.002	0.002	
Shoreline / #10973		0926	0.001	0.005	
		1028	0.013	0.002	
		1258	0.000	0.000	
		1357	0.000	0.000	
		1459	0.000	0.000	



Prevailing
Wind Direction
7/22/13
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
[redacted]
PARCEL F
PARCEL C
PARCEL C
PARCEL UC-2
ROBINSON ST
GALVEZ AVE
DONAHUE ST
ENGLISH ST
McCANN ST
INNES AVE
LOCKWOOD ST
FISCHER AVE
WORK AREA
UPWIND
DOWNWIND
146
159
125
128
131
130
122
123
117
103
115/116
120
104
109
156
140

CONTRACTOR QUALITY CONTROL REPORT

(ATTACH ADDITIONAL SHEETS IF NECESSARY)

DATE 07/22/13

REPORT NO 173

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
05	Performed hand grading of aggregate base course along the southwest side of Building 104, and at the southeast end of Building 117.
	Painted the repaired section of exterior wall at the south corner of Building 117.
05	Granite Construction installed a 2-inch thick layer of asphalt pavement over the area between Building 113 and the toe of the soil cover, and
	the area between Building 113 and Building 123. Installed a 2-inch thick layer of asphalt pavement along the southwest side of Building 121,
	along the southwest side of Building 117, and adjacent to the toe of the slope southeast of Donahue St.
	Garco Testing Labs collected pavement core samples for density testing and pavement thickness verification. Collected samples of hot mix
	asphalt for mixture properties testing. Verified that the activities complied with the Asphalt Cover Installation checklist.
06	Continued multi-well flow field testing of the SVE system to determine the optimum configuration of SVE wells that can be operated simultaneously.

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 — 07/22/13

AUTHORIZED QC MANAGER AT SITE — DATE

GOVERNMENT QUALITY ASSURANCE REPORT

DATE

QUALITY ASSURANCE REPRESENTATIVE'S REMARKS AND/OR EXCEPTIONS TO THE REPORT

Schedule Activity No.	Description

GOVERNMENT QUALITY ASSURANCE MANAGER — DATE

4296/2 (9/98)

Asphalt Cover Installation

Date: 07/22/13
Inspector: Spencer Slominski
Location: HPNS Parcel B

Requirement	Phase	Yes	No	N/A	Comments
Field Inspection					
Has the Demolition Plan been submitted and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 1.2.1)?	**Prep**				
Are all existing site features that will be used in the durable cover free from cracks and other damage (02 41 00 Site Clearing and Demolition, Section 3.2)?	**Prep**				
Has all existing asphaltic concrete that is intended to be used in the final cover been inspected and approved by the Contracting Officer (02 41 00 Site Clearing and Demolition, Section 3.2.3)?	**Initial**				
Have all submittals for the asphalt mix design been approved prior to delivery to the site (32 10 00 Bituminous Concrete Pavement, Sec 1.4.4)?	**Initial**				
Has a 225 square feet minimum mockup section for new asphalt pavement been constructed and approved by the Contracting Officer prior to performing new asphalt paving work (32 10 00 Bituminous Concrete Pavement, Sec 1.4.5)?	**Initial**				
Has compacted subgrade, granular base, or stabilized soil been inspected and noted as acceptable and ready to support paving and imposed loads (32 10 00 Bituminous Concrete Pavement, Sec 3.2.1)?	**Initial**				
Are controls in place to prevent the spread of dust and debris (02 41 00 Site Clearing and Demolition, Section 1.3)?	**Follow up**	**X**			
Are controls in place so that refuse generated is not carried off site by wind or water and does not constitute a hazard to worker safety or construction equipment (02 41 00 Site Clearing and Demolition, Section 3.1)?	**Follow up**	**X**			
Is all monolithic inorganic debris, such as waste concrete, pipe, abandoned equipment, or asphaltic pavement to be contained under the cover being broken down so that particle size does not exceed 3 inches in the largest dimension (02 41 00 Site Clearing and Demolition, Section 3.2.1)?	**Follow up**	**X**			
Is all imported material to be used as subgrade in the construction of the asphalt cover ASTM D 2487, classification GW, GM, SW, SP, SM, or SC and have an R value of greater than 20 per California Test 301 (31 00 00 Earthwork, Section 2.1.1)?	**Follow up**	**X**			
Has imported fill used in subgrade been tested in accordance with the DTSC Clean Imported Fill Material Information Advisory requirements (31 00 00 Earthwork, Section 2.1.2)?	**Follow up**			**X**	
Has all grading and preparation of the site for construction of the asphalt pavement followed the Drawings as required to meet the final cover grade over the site (31 00 00 Earthwork, Section 3.4)?	**Follow up**			**X**	
Has the aggregate base course for the asphalt pavement been placed in a maximum loose lift of 6 inches, and compacted to a minimum 95% density at ±3% of optimum moisture content (31 00 00 Earthwork, Section 3.12.1)?	**Follow up**	**X**			
Has nuclear gauge density and moisture content testing been performed at a frequency of 1 test per 10,000 square feet of aggregate base course placed (31 00 00 Earthwork, Table 1)?	**Follow up**			**X**	Nuclear gauge density/moisture testing performed on 6/12/13, 6/17/13, 6/21/13, 6/26/13, 7/9/13

Requirement	Phase	Yes	No	N/A	Comments
Has sand cone compaction testing been performed at a frequency of 1 test per 150,000 square feet of aggregate base course placed (32 10 00 Earthwork, Table 1)?	**Follow up**			**X**	Sand cone testing performed on 6/26/13 & 7/9/13
Has a final cover survey of the final cover been completed (31 00 00 Earthwork, Section 3.13)?	**Follow up**			**X**	
Have four permanent monuments on the final cover been installed as designated in the Drawings (31 00 00 Earthwork, Section 3.13.1)?	**Follow up**			**X**	
After cutting loose in-place sealant, was compressed air used to remove all other loose pieces (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.1.2)?	**Follow up**			**X**	
Are cracks sealed immediately following final cleaning and following placement of the backup material when required (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.3.1)?	**Follow up**			**X**	
Have potholes been thoroughly cleaned to remove oxidized pavement, loose aggregate and foreign debris before repairs have been made (32 01 17.16 Sealing of Cracks and Potholes in Bituminous Pavements, Sec 3.5)?	**Follow up**			**X**	
Is bituminous concrete being placed when the base course is frozen or has excess moisture, or when the ambient temperature is less than 40 degrees F (32 10 00 Bituminous Concrete Pavement, Sec 1.6)?	**Follow up**		**X**		
Does the asphalt concrete mixture have the properties specified for Type A hot mix asphalt (Caltrans Standard Specifications, Sec 39)?	**Follow up**	**X**			
Are asphalt samples collected for gradation and binder content testing at a frequency of 1 per 750 tons (Caltrans Standard Specifications)?	**Follow up**	**X**			
If two consecutive bituminous mix tests failed, are placement operations ceased and are two new trial batches tested, submitted, and approved prior to resumption of asphalt placement (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.1)?	**Follow up**			**X**	
For in-place asphalt density testing, are core samples collected at a minimum frequency of 1 per 250 tons (not less than 2 per day) (Caltrans Standard Specifications)?	**Follow up**	**X**			
Are cores delivered undisturbed and undamaged to the laboratory to determine density of the pavement as well as thickness of the binder and wearing course (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
After collecting pavement sample cores, have the core holes been patched (32 10 00 Bituminous Concrete Pavement, Sec 3.3)?	**Follow up**	**X**			
Are variations in the binder and wearing course surfaces less than ½ inch from the lower edge of a 10 foot straightedge (32 10 00 Bituminous Concrete Pavement, Sec 3.3.2.2)?	**Follow up**	**X**			
Have all well materials been delivered in an undamaged condition and stored and maintained in a clean, uncontaminated condition throughout the course of the project (33 24 13 Monitoring Wells, Section 1.6)?	**Follow up**			**X**	
Is the concrete being used a 3,000 psi concrete mix with maximum aggregate size ¾-inch, and with cement that is Type I, II, or III Portland cement (33 24 13 Monitoring Wells, Section 2.6)?	**Follow up**			**X**	
Has a traffic-rated steel or aluminum lockable protective cover been provided and set over the well casing, flush with the surrounding grade, as shown on the Drawings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have weather-resistant padlocks, keyed alike been provided for the well casings (33 24 13 Monitoring Wells, Section 2.7)?	**Follow up**			**X**	
Have all existing groundwater monitoring wells been extended to meet the final elevation of the cover using like materials and construction as the existing wells (33 24 13 Monitoring Wells, Section 3.1)?	**Follow up**			**X**	
Are all wells that are replaced with new wells placed as near to the original location as feasible? If not, are new well locations approved by the Contracting Officer (33 24 13 Monitoring Wells, Section 3.2)?	**Follow up**			**X**	
When wellheads are finished, is an identification marker installed to facilitate locating the wells after completion of the cover construction (33 24 13 Monitoring Wells, Section 3.6)?	**Follow up**			**X**	

Requirement	Phase	Yes	No	N/A	Comments
If a well is extended or a new well is constructed, have the horizontal and vertical coordinates, top of casing elevation, and adjacent ground surface elevation for each well been surveyed (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Is the top of casing elevation measuring point marked with a 1/8-inch deep sawcut (33 24 13 Monitoring Wells, Section 3.7)?	**Follow up**			**X**	
Before any well is decommissioned, was approval obtained from the Contracting Officer (33 24 13 Monitoring Wells, Section 3.8)?	**Follow up**			**X**	
Is all well decommissioning done according to the requirements of the City and County of San Francisco Department of Public Health in accordance with Health Code Article 12B Section 818, and Water Well Standards: State of California, Department of Water Resources Bulletin 74 and the requirements of the Specifications (33 24 13 Monitoring Wells, Section 3.8)?	**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**			Collected load tags from asphalt delivery trucks
Calibration					

QC Manager: Spencer Slominski	Date: 07/22/13

Photo 1: Asphalt Cover Installation – Placing a 2-inch layer of asphalt pavement northeast of Building 113

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Richard Epp (ERRG, Inc.) Date: July 22, 2013

Photo 2: Asphalt Cover Installation – Compacting the asphalt pavement using smooth-drum rollers

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 22, 2013

Photo 3: Asphalt Cover Installation – Completed installation of asphalt pavement between Building 113 and the toe of the soil cover

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 22, 2013

Photo 4: Asphalt Cover Installation – Collecting pavement core samples for density testing

HPNS Parcel B Remedial Action, San Francisco, California

Photographed by: Spencer Johnson (ERRG, Inc.) Date: July 22, 2013