

APPENDIX C
Hart Crowser Daily Field Reports

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for double-sided printing.



HARTCROWSER

Hart Crowser, Inc.
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FAX 206.328.5581
206.324.9530

FIELD REPORT

Job No. 17800-26
Field Report No. 001
Page 1 of 1
DATE 12/3/13
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1130
LOCATION Seattle, WA DEPARTURE TIME ~1230
CLIENT Washington State Dept. of Ecology WEATHER Sunny and cold
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside's began mobilization and site set up.

Planned Activities/Approaching Milestones:

- 1) Dredging to begin Thursday, December 5.

Deviations from Plans and Specifications:

- 1) None observed.

Other Issues:

- 1) High winds have interfered with the transport of the large barge on site.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 002
Page 1 of 1
DATE 12/4/13
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0700
LOCATION Seattle, WA DEPARTURE TIME ~1600
CLIENT Washington State Dept. of Ecology WEATHER Sunny, cold
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued mobilization and site set up. Silt curtain and turbidity monitor deployed
Planned Activities/Approaching Milestones:
1) Dredging to begin Thursday, December 5.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

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Job No. 17800-26
Field Report No. 003
Page 1 of 1
DATE 12/5/13
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0800
LOCATION Seattle, WA DEPARTURE TIME ~1700
CLIENT Washington State Dept. of Ecology WEATHER Overcast and cold
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside crews began dredging operations.
- 2) Disposal sample HC-TCLP-1 taken at 1450 and sent to On Site Env Lab. Results expected on 12/6/13
- 3) Redside crews switched to conventional bucket at the north end of WW21 due to large amount of debris.

Communications/Coordination Notes:

- 1) Redside rep S. Berry working on finding another potential disposal option. He will forward the necessary documents today.
- 2) Ecology reps L. Goldstein and L. Altose on site for media coverage; KOMO 4 news team on site at ~1030 to report.

Water Quality Monitoring:

- 1) WQM buoy deployed, manual background checks taken.

Deviations from Plans and Specifications:

- 1) None observed

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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Job No. 17800-26
Field Report No. 004
Page 1 of 1
DATE 12/6/13
S M T W Th S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0800
LOCATION Seattle, WA DEPARTURE TIME ~1600
CLIENT Washington State Dept. of Ecology WEATHER sunny and cold
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside crews continued dredging operations at the north end of WW21.
2) Redside crews started cutting and processing debris for disposal.

Communications/Coordination Notes:
1) Ecology reps L. Goldstein and C.P. Wang, Pinnacle rep J. Thompson, Divers Institute rep F. LaQue, Yacht masters rep R. Huston on site for coordination meeting.

Water Quality Monitoring:
1) WQM buoy operational, manual background checks taken. No exceedances noted.

Deviations from Plans and Specifications:
1) None observed

BY:
K. Hosken
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FIELD REPORT

Job No. 17800-26
Field Report No. 005
Page 1 of 1
DATE 12/9/13
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1600
CLIENT Washington State Dept. of Ecology WEATHER Overcast and cold
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside continued debris removal and dredging operations in WW21.
- 2) Redside received an excavator and 3.5 CY clamshell bucket.
- 3) Crews continued to cut and process salvaged steel material from WW21.
- 4) Material barge WD40 was found to have a significant lilt at the start of the day's operations due to small leak in the hull that developed over the weekend. Crews worked on pumping out the hull and attempting to find and repair the leak.

Communications/Coordination Notes:

- 1) Spoke with NLSY reps Mac and P. Kelly about the coordination of the small dry dock. They will be able to move it with approximately one day notice.

Water Quality Monitoring:

- 1) The deep sonde lost communication to the buoy over the weekend. Manual turbidity checks were taken while Redside corrected the problem.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

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FIELD REPORT

Job No. 17800-26
Field Report No. 006
Page 1 of 1
DATE 12/10/13
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1600
CLIENT Washington State Dept. of Ecology WEATHER Overcast, high 30s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued to dredge and remove debris in WW21.
2) Two trucks arrived to transload material. Waste Management cancelled remaining trucks for the day due to a wheel wash system breakdown at their facility.
Water Quality Monitoring:
1) Turbidity buoys operational and within compliance.
2) Noticed some small sheens escaping the booms due to waves washing over the booms during dredging operations. Notified Redside of this, they will take corrective measures.
Deviations from Plans and Specifications:
1) None observed.

BY:
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Job No. 17800-26
Field Report No. 007
Page 1 of 1
DATE 12/11/13
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1600
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside continued to dredge and remove debris in WW21.
- 2) Redside knocked a jersey barrier off the side of the WD40 in to WW21. It has been recovered.
- 3) Two trucks arrived to transload material. Three rounds of transload were completed before operations were cancelled due to wet material.

Water Quality Monitoring:

- 1) Turbidity buoys operational and within compliance.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
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FIELD REPORT

Job No. 17800-26
Field Report No. 008
Page 1 of 1
DATE 12/12/13
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 40s, rain
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Dredging operations continued in WW21.
2) Transload of steel material began.
3) Crews worked on patching leaks in the bow hull of the barge WD-40 and the tug Resolute.
Deviations from Plans and Specifications:
1) None observed.
Other Issues:
1) Redside's crane broke down this afternoon. Replacement parts to arrive on the morning of 12/13/13.
2) The Divers Institute of Technology boat tangled their propeller in the turbidity curtain when returning to WW21. Crews immediately worked to repair the problem the curtain. No turbidity issues noticed following the event.

BY:
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REVIEWED BY:

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FIELD REPORT

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Job No. 17800-26
Field Report No. 009
Page 1 of 1
DATE 12/13/13
S M T W Th **F** S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0900
LOCATION Seattle, WA DEPARTURE TIME ~1430
CLIENT Washington State Dept. of Ecology WEATHER Overcast, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside resumed transloading dredge material in to trucks for off-site disposal.
- 2) Crews worked on repairing the M-80W crane, the barge WD-40 hull, and re-setting the turbidity curtain.

Communications/Coordination Notes:

- 1) Redside attempted to recover/clean oil sheens noticed at the north end of WW21 as per request from HC rep.

Water Quality Monitoring:

- 1) HC rep noticed that buoy batteries were low and notified Redside rep. D. Roesler of the problem. He corrected the issue.

Deviations from Plans and Specifications:

- 1) None observed.

Other Issues:

- 1) Dredge crane M-80W repaired from yesterday's incident. However, a second breakdown occurred when crews began to resume dredging operations.

BY:
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HART CROWSER REPRESENTATIVE

REVIEWED BY:

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FIELD REPORT

Job No. 17800-26
Field Report No. 010
Page 1 of 1
DATE 12/16/13
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME -0730
LOCATION Seattle, WA DEPARTURE TIME ~1700
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny, low 50s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside crews worked on patching leaks in the WD-40 barge and repairing their crane.
- 2) Transload of material continued.

Communications/Coordination Notes:

- 1) Ecology rep L. Goldstein, Diver's Institute of Technology rep F. LaQue on site for weekly coordination meeting.

Deviations from Plans and Specifications:

- 1) None noticed.

Other Issues:

- 1) Ecology rep L. Goldstein requested that Redside replace washed, untreated logs removed during dredging operations in to the lake. Redside agreed that this is feasible and will begin the practice.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 011
Page 1 of 1
DATE 12/17/13
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, high 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside crews worked on crane and barge repairs.
- 2) Redside resumed dredging operations in WW21. Dredging methods switched from the clamshell bucket to the environmental bucket due to the decrease in debris in removed material.

Communications/Coordination Notes:

- 1) Yacht Master's moved a second sailboat alongside (east) the Moon Flight in WW21. Redside rep D. Berry attempted to contact Yacht Master's about moving the boats to allow room for the DIT boat Response to dock for the evening.

Water Quality Monitoring:

- 1) Buoys are operational and within compliance.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:


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FIELD REPORT

Job No. 17800-26
Field Report No. 012
Page 1 of 1
DATE 12/18/13
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast to mostly cloudy, high 40s, some rain in the AM
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued dredging in WW21.
2) Crews continued to work on patching the barge WD-40's hull.
Deviations from Plans and Specifications:
1) None observed.
Other Issues:
1) A couple lines holding the silt curtain and boom tight to the barge Whitehorse's port side came undone overnight, allowing the silt curtain to extend in to WW21 and blocking the Divers Institute of Technology boat from leaving in the AM. Crews worked on pulling the boom back in to the barge immediately upon arrival to let the DIT boat out. The silt curtain and boom remained intact and contiguous; there was no disruption to water quality compliance as a result of the incident.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 013
Page 1 of 1
DATE 12/19/13
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1330
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny, mid 30s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Dredging operations continued in WW21.
- 2) Redside switched to environmental bucket due to decreased debris.
- 3) Dredge spoils noticed seeping out of the side of the barge closest to NLSY pier (not decanting water) due to loss of hay bale. HC rep requested that Redside stop the flow. Redside used the excavator bucket to block flow and allow spoils to settle overnight until another hay bale can be placed.

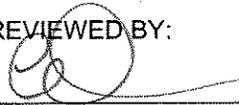
Water Quality Monitoring:

- 1) Crane operator hit the boom with the bucket, allowing contained sheen to escape. HC rep advised that Redside sweep the area with absorbent pads.
- 2) Crane operator hooked the silt curtain with the bucket during a return. This caused a spike in turbidity at ~37 ft. Operations were paused to monitor the turbidity. Values quickly returned to normal and operations were allowed to continue.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
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REVIEWED BY:

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Job No. 17800-26
Field Report No. 014
Page 1 of 1
DATE 12/20/13
S M T W Th **F** S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME -0730
LOCATION Seattle, WA DEPARTURE TIME -1530
CLIENT Washington State Dept. of Ecology WEATHER AM snow and rain to overcast in PM, low 30s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Dredging operations continued in WW21.
2) Transload of material resumed.
3) Redside crews continued to work on patching the barge hull.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 015
Page 1 of 1
DATE 12/23/13
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Transload of material continued.
- 2) Redside crews continued to work on patching the hull of the barge WD-40.

Communications/Coordination Notes:

- 1) Weekly coordination meeting attended by DIT rep F. LeQue, Yacht Master's rep R. Huston, Northlake Shipyard rep M. Duncan, and Ecology rep L. Goldstein

Water Quality Monitoring:

- 1) Monitoring buoy was offline. Redside replaced batteries, but buoy not transmitting. Manual checks to be taken until buoy is operational.

Deviations from Plans and Specifications:

- 1) None observed

Other Issues:

- 1) Redside rep D. Berry requested Ecology's input on removing material north of WW21. Area in question is outside of the dredge prism. Ecology rep L. Goldstein to respond.
- 2) Material leaving the site seemed relatively wet despite material passing paint filter tests.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

FIELD REPORT

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Job No. 17800-26
Field Report No. 016
Page 1 of 1
DATE 12/24/13
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1430
CLIENT Washington State Dept. of Ecology WEATHER Overcast, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside worked on patching and repairing the hull of the barge WD-40. No contract work was performed.

Deviations from Plans and Specifications:

- 1) None observed.

Other Issues:

- 1) Ecology received a Notice of Change in Conditions from Redside on 12/23/13. Ecology to respond.
- 2) No activity scheduled for tomorrow, 12/25/13, in observation of Christmas Day.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

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FIELD REPORT

Job No. 17800-26
Field Report No. 017
Page 1 of 1
DATE 12/26/13
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly cloudy, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside switched positions of the barge.
- 2) A few (3) bites taken with the clamshell bucket before operations ceased for maintenance and repairs on the barge WD-40.
- 3) Crews worked on patching and repairing hull damage in the barge WD-40.
- 4) Underwater welding divers on site to work on the barge WD-40 hull.

Deviations from Plans and Specifications:

- 1) None observed

Other Issues:

- 1) Contract work not performed after 0930.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

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Job No. 17800-26
Field Report No. 018
Page 1 of 1
DATE 12/27/13
S M T W Th S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly cloudy, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Dredging operations resumed in WW21.
2) Dredge spoils consisted of sandblast grit and debris. Debris included stepladders, tires, wood, choker cables, wire, steel plates, a boat deck, and two gas cylinders. One gas cylinder was CO2 and Argone, the other was unidentifiable.
3) Redside received a thumb for the excavator.

Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
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REVIEWED BY:

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FIELD REPORT

Job No. 17800-26
Field Report No. 019
Page 1 of 1
DATE 12/30/13
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Dredging operations resumed in WW21.
- 2) Dredge spoils consisted of sandblast grit and debris. Debris included choker cables, wire, steel plates, steel I-beams, wood, and various plastics.

Communications/Coordination Notes:

- 1) Ecology rep L Goldstein on site for weekly coordination meeting.

Water Quality Monitoring:

- 1) Monitoring buoy still offline. Redside contacted Fondriest for support. However, their contact is on vacation until next week. Manual checks will continue to be taken until buoy is operational.

Deviations from Plans and Specifications:

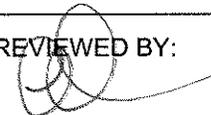
- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:


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FIELD REPORT

Job No. 17800-26
Field Report No. 020
Page 1 of 1
DATE 12/31/13
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast to light rain, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside resumed transloading material.
2) Crews worked on fitting a thumb for the excavator.
Deviations from Plans and Specifications:
1) None observed.
Other Issues:
1) No activity scheduled for tomorrow, 1/1/14, in observation of New Year's Day.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 021
Page 1 of 1
DATE 1/2/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, high 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Transload of material continued.
- 2) Redside switched barge positions.
- 3) Dredging activities resumed.

Communications/Coordination Notes:

- 1) Ecology rep L. Goldstein on site to discuss debris removal with Redside rep D. Rossler.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 022
Page 1 of 1
DATE 1/3/14
S M T W Th S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1600
CLIENT Washington State Dept. of Ecology WEATHER Partly sunny, mid 50s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Dredging operations continued in WW21.
- 2) Sample SS-03-2014-01-03 collected.

Deviations from Plans and Specifications:

- 1) Redside crews could not dredge area next to pier approximately 30 ft long in Redside dredge units D15 and D18. The dredge bucket was catching on an item(s) that was visibly shaking the pier as crews attempted to pull up the spoils. Redside requested to dredge around the obstruction and leave the affected area. HC rep notified Ecology rep L Goldstein of the situation. Ecology concurred that the area can remain undredged for the safety of the pier.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 023
Page 1 of 1
DATE 1/6/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Partly sunny to overcast, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Crews resumed transloading dredge spoils.
- 2) Redside began to cut and process scrap material in preparation for disposal.

Communications/Coordination Notes:

- 1) Ecology rep L. Goldstein on site to discuss high priority areas for dredging with Redside rep D Roesler.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 024
Page 1 of 1
DATE 1/7/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Rain to overcast, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Dredging operations continued towards the southern end of WW21.
2) Documentation sample SS-02-2014-01-07 collected.
Water Quality Monitoring:
1) Monitoring buoy antennae fell in the water during troubleshooting. Divers Institute will assist in recovery. Manual checks will continue to be taken until buoy is operational.
Deviations from Plans and Specifications:
1) None observed.
Other Issues:
1) HC rep noticed sheen outside the boom, on the north side of the barge. Notified Redside rep D. Roesler of the issue. Redside crews mobilized to contain escaping sheen with absorbent sausage and pads. HC rep notified Ecology reps L. Goldstein and D. Walker of the situation before calling the Ecology Oil Release hotline. The oil release hotline stated that no further action would be necessary.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 025
Page 1 of 1
DATE 1/8/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Rain, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Dredging operations continued towards the southern end of WW21.
- 2) Redside moved barge WD-40 in to the pier in preparation for transloading tomorrow, 1/9/14

Water Quality Monitoring:

- 1) Monitoring buoy antennae recovered and replaced. Current and recorded turbidity values within compliance.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26

Field Report No. 026

Page 1 of 1

DATE 1/9/14

S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730

LOCATION Seattle, WA DEPARTURE TIME ~1530

CLIENT Washington State Dept. of Ecology WEATHER Rain to overcast, mid 40s

PURPOSE OF OBSERVATIONS Construction Oversight

HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen

CONTRACTOR Redside Construction PERMIT NO. _____

CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside worked on transloading material for disposal. Approximately 2/3 of the barge was unloaded.

Water Quality Monitoring:

- 1) Deep sonde reading negative turbidity. Redside rep D. Roesler to contact Fondriest to assess issue.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 027
Page 1 of 1
DATE 1/10/14
S M T W Th **F** S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Rain to overcast, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside worked on transloading material for disposal. Remainder of the barge was unloaded.

Water Quality Monitoring:

- 1) Redside rep D. Roesler contacted Fondriest to discuss negative turbidity readings. Fondriest said that negative values under -2 is possibly due to small contamination in calibration fluid or lake scum/debris on the sonde. Redside will inspect the sonde before resuming dredging.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

FIELD REPORT

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Job No. 17800-26
Field Report No. 028
Page 1 of 1
DATE 1/13/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 50s, light rain
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside resumed dredging activities at the south end of WW21. Site conditions allowed for the crews to switch to the environmental bucket for dredging operations.
- 2) Redside repositioned the barges.
- 3) The 'box structure' anomaly seen in the bathymetry was removed. The structure looks to be metal frame, approximately 15' x 10' x 10'

Water Quality Monitoring:

- 1) Turbidity sensor recalibrated, appears to be functioning normally.
- 2) Water quality monitoring buoy became too low to transmit. Manual checks to be taken until batteries are replaced.

Deviations from Plans and Specifications:

- 1) None observed

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 029
Page 1 of 1
DATE 1/14/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1430
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 50s, calm
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside continued dredging at the south end of WW21.
- 2) Boats arriving and leaving from Yacht Masters required four turbidity curtain moves through the day.

Communications/Coordination Notes:

- 1) Divers Institute to return normal schedule tomorrow.

Water Quality Monitoring:

- 1) A few spikes in turbidity noticed at the deeper sonde from the WQM buoy during turbidity curtain moves. One instance was outside of compliance corresponding to a move in the curtain for Yacht Masters. Turbidity values returned to normal within the next reading.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:


HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 030
Page 1 of 1
DATE 1/15/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1415
CLIENT Washington State Dept. of Ecology WEATHER Mostly cloudy, high 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside switched barge positions and continued dredging at the south end of WW21.

Communications/Coordination Notes:

- 1) Project progress meeting attended by Ecology rep L. Goldstein, Redside reps D. Berry, S. Berry, D. Roesler, and HC rep.

Deviations from Plans and Specifications:

- 1) None observed.

Other Issues:

- 1) Redside will transload tomorrow 1/16 and potentially Friday 1/18.
- 2) The dry dock will be moved on Monday 1/20.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 031
Page 1 of 1
DATE 1/16/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1100
LOCATION Seattle, WA DEPARTURE TIME ~1230
CLIENT Washington State Dept. of Ecology WEATHER Overcast, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside crews transloaded material for off-site disposal.

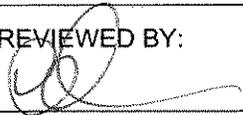
Deviations from Plans and Specifications:

- 1) None observed.

Other Issues:

- 1) Dry dock move has been postponed from 1/20 to 1/21.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

FIELD REPORT

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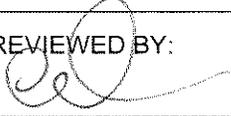
Job No. 17800-26
Field Report No. 032
Page 1 of 1
DATE 1/17/14
S M T W Th **F** S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1545
LOCATION Seattle, WA DEPARTURE TIME -1555
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Reinauer HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Arrived onsite after contractors had left for day. Scrap material still on barge.

BY:
K. Reinauer
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 033
Page 1 of 1
DATE 1/20/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~820
LOCATION Seattle, WA DEPARTURE TIME ~830
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Reinauer HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside crews processed scrap metal on barge.
Deviations from Plans and Specifications:
1) None observed.
Other Issues:
1) Dry dock move schedule a little unclear. Surveyors coming on Wednesday.

BY:
K. Reinauer
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

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Job No. 17800-26

Field Report No. 034

Page 1 of 1

DATE 1/21/14

S M **T** W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730

LOCATION Seattle, WA DEPARTURE TIME ~1400

CLIENT Washington State Dept. of Ecology WEATHER Morning fog to mostly cloudy, low 40s

PURPOSE OF OBSERVATIONS Construction Oversight

HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen

CONTRACTOR Redside Construction PERMIT NO. _____

CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

1) Redside crews continued to process steel for unloading; 1 truck of steel was loaded and left the site.

Communications/Coordination Notes:

1) Dry dock move continues to be delayed. Northlake Shipyard rep M. Duncan to move the large dry dock to allow work to progress on Thursday 1/23/14.

Deviations from Plans and Specifications:

1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

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FIELD REPORT

Job No. 17800-26
Field Report No. 035
Page 1 of 1
DATE 1/22/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1115
LOCATION Seattle, WA DEPARTURE TIME ~1200
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside crews continue to process steel for unloading and prepping for the dry dock move.

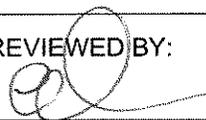
Communications/Coordination Notes:

- 1) Dry dock move continues to be delayed. Northlake Shipyard rep M. Duncan to move the large dry dock to allow work to progress on Thursday 1/23/14.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

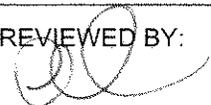
Job No. 17800-26
Field Report No. 036
Page 1 of 1
DATE 1/23/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1600
CLIENT Washington State Dept. of Ecology WEATHER Sunny, low 50s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside crews continue to process steel for unloading; 1 truck loaded and left the site.
2) Redside prepared site to move in on the east side of the pier to begin phase II.
Water Quality
1) Silt curtain opened to allow barges to move in to position to begin phase II. No turbidity issues noticed throughout the day.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

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FIELD REPORT

Job No. 17800-26
Field Report No. 037
Page 1 of 1
DATE 1/24/14
S M T W Th S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny, low 50s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside crews set environmental controls in preparation for phase II
- 2) Dredging resumed at west corner of the dredge prism.

Water Quality Monitoring:

- 1) Water monitoring buoy moved to new location within compliance boundary for phase II. All readings are OK.
- 2) Free-phase oil noticed surfacing from lake bottom during dredging operations. Redside crews deployed extra absorbent materials in the area.

Deviations from Plans and Specifications:

- 1) Dredge depths not attained in grid locations F22 and F21 due to large obstruction on lake bottom. Crews were able to remove debris and sandblast grit from the surface of the obstruction. Northlake Shipyard rep M. Duncan thinks that it may be flexi-floats. Object too large to be removed; location noted and will be left in place.
- 2) Obstructions are blocking dredging operations in the north edge of the western section of the dredge prism. Obstructions include the ramp for the large dry dock, which extends approximately 10 feet waterward at dredge grid F23, and an object running the length of the bulkhead (dredge grids E23-H23). Crews dredged as close as possible to obstructions.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 038
Page 1 of 1
DATE 1/27/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Dredging continued at east corner of the dredge prism.
2) Ecology reps J. Tran and B. Zelelow on site to observe dredging operations.
3) Dredge depths not attained in grid locations F16 to large obstruction on lake bottom. Object is likely one of the vessels and is too large to be removed; location noted and will be left in place.
Water Quality Monitoring:
1) Oily sheen noticed surfacing from lake bottom during dredging operations outside of the absorbent booms. Crews deployed hard boom around the perimeter of the pier to contain. Extra absorbent booms will be deployed as well.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 039
Page 1 of 1
DATE 1/28/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Dredging continued at east section of the dredge prism.
- 2) Verification sample SS-06-2014-01-27 collected this AM.

Water Quality Monitoring:

- 3) Crews worked on containing sheens that had escaped the booms overnight

Deviations from Plans and Specifications:

- 4) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

FIELD REPORT

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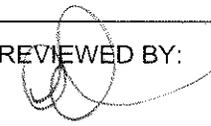
Job No. 17800-26
Field Report No. 040
Page 1 of 1
DATE 1/29/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Rain, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside began transloading the material for offsite disposal. Approximately half the barge was unloaded. Transload will continue tomorrow (1/30/14).
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 041
Page 1 of 1
DATE 1/30/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1000
LOCATION Seattle, WA DEPARTURE TIME ~1430
CLIENT Washington State Dept. of Ecology WEATHER Rain, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued transloading the material for offsite disposal.
2) Crews repositioned the barge in preparation for dredging tomorrow (1/31/14).
3) Ecology rep J. Tran noticed sheens outside of the absorbent booms. Redside worked to contain the sheens.

Deviations from Plans and Specifications:
1) Ecology rep L. Goldstein sent Authorization #1 to Redside.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 042
Page 1 of 1
DATE 1/31/14
S M T W Th **F** S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Partly sunny, high 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside resumed dredging operations at the east edge of the dredge prism.
- 2) Crews were not able to dredge in portions of dredge grids G14 and G15 due to large obstruction. The location was noted and object was left in place.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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206.324.9530

FIELD REPORT

Job No. 17800-26
Field Report No. 043
Page 1 of 1
DATE 2/3/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny, mid 30s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside transloaded material for offsite disposal.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

FIELD REPORT

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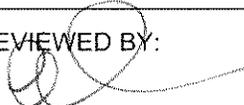
Job No. 17800-26
Field Report No. 044
Page 1 Of 1
DATE 2/4/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly cloudy, mid 30s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside resumed dredging operations at the east edge of the dredge prism.
2) Crews repositioned barges to prepare to work towards the southern corner of the dredge prism.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 045
Page 1 Of 1
DATE 2/5/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny, mid 30s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside continued dredging operations at the east edge of the dredge prism.
- 2) Crews worked on processing and cutting steel debris.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 046
Page 1 Of 1
DATE 2/6/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME -0730
LOCATION Seattle, WA DEPARTURE TIME -0930
CLIENT Washington State Dept. of Ecology WEATHER Mostly cloudy, low 30s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside transloaded material for offsite disposal.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 047
Page 1 Of 1
DATE 2/7/14
S M T W Th **F** S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny, mid 30s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside resumed dredging operations at the east edge of the dredge prism.
- 2) Crews worked on processing and cutting steel debris.
- 3) Sample SS-04-2014-02-07 collected.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

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FIELD REPORT

Job No. 17800-26
Field Report No. 048
Page 1 Of 1
DATE 2/10/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~0930
CLIENT Washington State Dept. of Ecology WEATHER Rain AM then mostly cloudy, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside transloaded material for offsite disposal.
Deviations from Plans and Specifications:
1) None observed.
Other Issues:
1) The barge WD-40 shifted during the storms over the weekend, which caused on the jersey barriers on the west side of the barge (the side closest to the pier at the time) to fall into Lake Union. Redside will re-dredge the area where dredged material spilled out of the barge and attempt to find and recover the jersey barrier when dredging resumes.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 049
Page 1 Of 1
DATE 2/11/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast and rain PM, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:

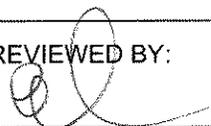
Summary of Field Activities:

- 1) Redside resumed dredging operations at the east edge of the dredge prism. Jersey barrier recovered.
- 2) Crews worked on processing and cutting steel cable pulled up during dredging.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

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FIELD REPORT

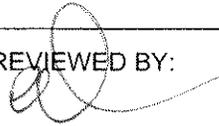
Job No. 17800-26
Field Report No. 050
Page 1 Of 1
DATE 2/12/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny and windy, low 50s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued dredging operations at the east edge of the dredge prism.
2) Redside moved the barges in to the pier in preparation for transloading tomorrow (2/13/14).
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 051
Page 1 Of 1
DATE 2/13/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME -0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny and windy, low 50s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside transloaded material for offsite disposal. Approximately 2/3 of the barge was transloaded.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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206.324.9530

FIELD REPORT

Job No. 17800-26
Field Report No. 052
Page 1 Of 1
DATE 2/14/14
S M T W Th S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Partly sunny and windy, occasional showers, low 50s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued to transloaded material for offsite disposal. Remainder of the barge was transloaded.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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206.324.9530

FIELD REPORT

Job No. 17800-26
Field Report No. 053
Page 1 Of 1
DATE 2/17/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Partly sunny and windy, occasional showers, mid 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside repositioned the barges and resumed dredging. Dredged area was east of the pier in lane 'F' rows 12-8.

Deviations from Plans and Specifications:

- 1) None observed.

Other Issues:

- 1) Northlake Shipyard rep M. Duncan said that they will be receiving a boat in to the small dry dock tomorrow morning. They hope to be able to move the dry dock in the afternoon.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

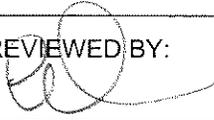
Job No. 17800-26
Field Report No. 054
Page 1 of 1
DATE 2/18/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1330
CLIENT Washington State Dept. of Ecology WEATHER Rain and windy, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued dredging. Dredge grids F5-F12 completed.
2) High winds shut down operations at ~1300.
Communications/Coordination Notes:
1) Redside rep D. Roesler concerned about having enough space to transload material off the end of the pier after the small dry dock move is completed. Redside and HC rep were unable to contact Northlake Shipyard rep M. Duncan to discuss.
Deviations from Plans and Specifications:
1) None observed

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 055
Page 1 Of 1
DATE 2/19/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Partly sunny, low 50s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside transloaded material for offsite disposal. The barge WD-40 was completely offloaded.

Communications/Coordination Notes:

- 1) Redside rep D. Roesler and HC reps discussed Redside's space utilization concerns with Northlake Shipyard rep M. Duncan. Northlake Shipyard will be able to 'flop' the stern of the small dry dock to the east as needed to allow more space for Redside to reposition barges and transload off the end of the pier.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 056
Page 1 of 1
DATE 2/20/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly cloudy and breezy, high 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside continued dredging. Dredge grids F5-F1 and parts of E5-E1 completed.
- 2) Redside encountered the sunken vessel during dredging operations. Crews were unable to recover the vessel. Location noted and vessel was left in place.

Deviations from Plans and Specifications:

- 1) None observed

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 057
Page 1 Of 1
DATE 2/21/14
S M T W Th S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, low 40s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside transloaded material for offsite disposal. The barge WD-40 was completely offloaded.

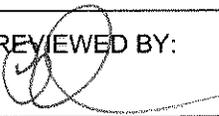
Deviations from Plans and Specifications:

- 1) None observed.

Other Issues:

- 1) Small dry dock move to take place on Monday, 2/24/14.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26

Field Report No. 058

Page 1 of 1

DATE 2/24/14

S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730

LOCATION Seattle, WA DEPARTURE TIME ~1530

CLIENT Washington State Dept. of Ecology WEATHER Rain Am then overcast PM, high 30s.

PURPOSE OF OBSERVATIONS Construction Oversight

HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen

CONTRACTOR Redside Construction PERMIT NO. _____

CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside crews prepped site for the dry dock move, including adjusting the turbidity curtain to allow room to move the barges.
- 2) Northlake Shipyard moved the Bluefin in on the east side of the pier and shifted the dry dock to WW21.
- 3) Redside barges shifted to the south end of the pier.

Water Quality Monitoring:

- 1) Redside crews re-set water quality controls and turbidity curtain.

Deviations from Plans and Specifications:

- 1) None observed.

Other Issues:

- 1) Northlake Shipyard will require use of the pier on Mar 1-Mar 4 to load and sail the Bluefin.

BY: K. Hosken

REVIEWED BY:

HART CROWSER REPRESENTATIVE

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 059
Page 1 of 1
DATE 2/25/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly cloudy, high 40s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

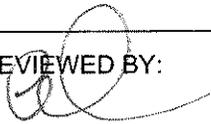
Summary of Field Activities:

- 1) Redside crews dredged in the area south of the pier.
- 2) Crews were unable to dredge in portions grids C7-D7 due to a large piece of debris that was unable to be picked up.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

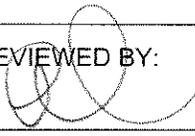
Job No. 17800-26
Field Report No. 060
Page 1 Of 1
DATE 2/26/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1430
CLIENT Washington State Dept. of Ecology WEATHER Sunny, high 50s
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside transloaded material for offsite disposal. The barge WD-40 was completely offloaded.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 061
Page 1 of 1
DATE 2/27/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny, mid 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

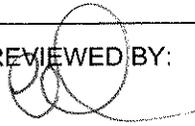
Summary of Field Activities:

- 1) Redside crews dredged in the area south of the pier.
- 2) Crews were unable to dredge in a portion of grid D10 due to a large piece of debris that was unable to be picked up.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 062
Page 1 of 1
DATE 2/28/14
S M T W Th S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME -0730
LOCATION Seattle, WA DEPARTURE TIME -1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny, mid 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside crews dredged in the area south of the pier. The dredge prism was completed today.
- 2) Crews were unable to dredge in a portion of grid C7 due to a large piece of debris that was unable to be picked up.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 063
Page 1 of 1
DATE 03/03/14
S **M** T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1100
LOCATION Seattle, WA DEPARTURE TIME ~1130
CLIENT Washington State Dept. of Ecology WEATHER Light rains, low 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Reinauer HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

This report presents opinions formed as a result of our observation of the contractor's activities relating to environmental engineering. We rely on the contractor to comply with the plans and specifications throughout the duration of the project irrespective of the presence of the Hart Crowser representative. The presence of our field representative will be for the purpose of providing observation and field testing. Our work does not include supervision or direction of the actual work of the contractor, nor the contractor's employees and agents. Neither the presence of our representative nor the observation and testing by our firm shall excuse the contractor in any way for defects discovered in the contractor's work. Our firm will not be responsible for job or site safety on this project. The conclusions and recommendations of this field report are subject to review by the Hart Crowser Project Manager.

SPECIFIC OBSERVATIONS:

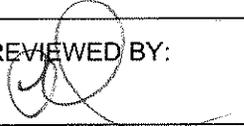
Summary of Field Activities:

- 1) Redside crews transloading material from barge all day.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Reinauer
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 064
Page 1 of 1
DATE 03/04/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME -830
LOCATION Seattle, WA DEPARTURE TIME -840
CLIENT Washington State Dept. of Ecology WEATHER Light rain, low 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Reinauer HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
No activity today for Redside. Northlake Shipyards needed to unload dry dock and move Bluefin. Redside did not finish transload activities on 3/3 and will continue on Wednesday 3/5.

BY:
K. Reinauer
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 065
Page 1 of 1
DATE 03/05/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME -0730
LOCATION Seattle, WA DEPARTURE TIME -0830
CLIENT Washington State Dept. of Ecology WEATHER Light rains, low 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside crews finished transloading material from barge.
- 2) Crews worked on cleaning the barge to prepare for sand cap material.
- 3) eTrac on site for post-dredge survey.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 066
Page 1 of 1
DATE 03/06/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1300
LOCATION Seattle, WA DEPARTURE TIME ~1330
CLIENT Washington State Dept. of Ecology WEATHER Light rains, mid 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside crews worked on cleaning the barge to prepare for sand cap material.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 067
Page 1 of 1
DATE 03/10/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1100
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Partly cloudy, mid 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside received the first sand barge to prepare for capping.

Deviations from Plans and Specifications:

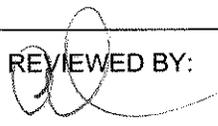
- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:


HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 068
Page 1 of 1
DATE 03/11/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1100
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny, mid 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

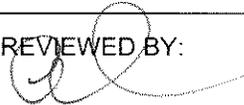
Summary of Field Activities:

- 1) Redside began capping at the south end of the pier.
- 2) Dept of Ecology reps L Goldstein, L Altose and T Levkovitz; KOMO news on site for media event at 1000. Event finished at ~1100.
- 3) NLSY tug arrived on site at ~1215; the tug propeller got caught in the turbidity curtain as it moved in to the site. Redside went to stand-down until the curtain could be untangled. Curtain was released at ~1400. Redside checked the integrity of the curtain and made necessary repairs. No further capping was accomplished.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 069
Page 1 of 1
DATE 03/12/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME -0730
LOCATION Seattle, WA DEPARTURE TIME -1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny, low 60s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued capping at the south end of the pier and in to the east side of the pier. Approximately half of the barge has been unloaded.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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1700 Westlake Ave. N, Suite 200
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FIELD REPORT

Job No. 17800-26
Field Report No. 070
Page 1 of 1
DATE 03/13/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny, high 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued capping at the east side of the pier. Approximately 3/4 of the barge has been unloaded.
2) The Redside crane broke down around 1400; the crane operator was unable to get the engine running again. A mechanic will be on site to service the engine tomorrow (3/14) morning.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 071
Page 1 of 1
DATE 03/14/14
S M T W Th **F** S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny, high 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

1) The Redside crane operational again at ~1100; Redside continued capping at the east side of the pier

Deviations from Plans and Specifications:

1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

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FIELD REPORT

Job No. 17800-26
Field Report No. 072
Page 1 of 1
DATE 03/17/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny, mid 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside continued capping at the east side of the pier and southeastern corner of the prism. Barge was fully unloaded.
- 2) Barge sailed to be reloaded at ~2300. Barge will arrive on site tomorrow at ~1100; no other contract work scheduled for tomorrow (3/18/14).
- 3) Samples SS-08-2014-03-17 and SS-09-2014-03-17 collected at 1030 and 1138, respectively.

Deviations from Plans and Specifications:

- 1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



HARTCROWSER

FIELD REPORT

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Job No. 17800-26
Field Report No. 073
Page 1 of 1
DATE 03/18/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~1100
LOCATION Seattle, WA DEPARTURE TIME ~1200
CLIENT Washington State Dept. of Ecology WEATHER Mostly cloudy, mid 40s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

1) Redside received a barge load of capping sand. No other contract work performed.

Deviations from Plans and Specifications:

1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 074
Page 1 of 1
DATE 03/19/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1800
CLIENT Washington State Dept. of Ecology WEATHER Mostly cloudy, mid 40s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside completed capping of area south of the pier.
2) Dry dock 2 to be returned to its home position south of the pier tomorrow (3/20/14). Redside will begin capping in WW21 at this time.
Deviations from Plans and Specifications:
1) None observed.
Other issues:
1) A crane barge (the 'Seahorse') on site for work on vessel in dry dock 9. Redside did not complete any contract work while the vessel was on site due to the positioning of the barges. Redside given notice that the Seahorse would be leaving the site at 1445.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 075
Page 1 of 1
DATE 03/20/14
S M T W **Th** F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1800
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny, mid 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Dry dock 2 was returned to its home position south of the pier.
- 2) Redside moved barges and turbidity controls in to WW21.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

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FIELD REPORT

Job No. 17800-26
Field Report No. 076
Page 1 of 1
DATE 03/21/14
S M T W Th S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0730
LOCATION Seattle, WA DEPARTURE TIME ~1500
CLIENT Washington State Dept. of Ecology WEATHER Mostly sunny, high 40s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside resumed thin-layer placement in WW21.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

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FIELD REPORT

Job No. 17800-26
Field Report No. 077
Page 1 of 1
DATE 03/22/14
S M T W Th F **S**

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0700
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny, high 40s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued thin-layer placement in WW21.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 078
Page 1 of 1
DATE 03/24/14
S M T W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0700
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Sunny, mid 60s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued thin-layer placement in WW21. Redside rep D. Roesler anticipates completing the capping tomorrow, 3/25.

Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 079
Page 1 of 1
DATE 03/25/14
S M W Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME ~0700
LOCATION Seattle, WA DEPARTURE TIME ~1530
CLIENT Washington State Dept. of Ecology WEATHER Overcast, high 50s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:

Summary of Field Activities:

- 1) Redside continued thin-layer placement in WW21. Thin-layer cap placement completed at ~1445.
- 2) Sample SS-07-2014-03-25 collected at 0915.
- 3) Redside began demobilization.

Deviations from Plans and Specifications:

- 1) None observed.

BY:

K. Hosken

HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER



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FIELD REPORT

Job No. 17800-26
Field Report No. 080
Page 1 of 1
DATE 03/26/14
S M T **W** Th F S

JOB Northlake Shipyard Sandblast Grit Interim Removal Action ARRIVAL TIME -0700
LOCATION Seattle, WA DEPARTURE TIME -0830
CLIENT Washington State Dept. of Ecology WEATHER Showers, high 40s.
PURPOSE OF OBSERVATIONS Construction Oversight
HC REPRESENTATIVE K. Hosken HC PROJECT MANAGER C. Poulsen
CONTRACTOR Redside Construction PERMIT NO. _____
CONTRACTOR REP. Dan Roesler JOB PHONE 206-947-3206

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SPECIFIC OBSERVATIONS:
Summary of Field Activities:
1) Redside continued demobilization.
Deviations from Plans and Specifications:
1) None observed.

BY:
K. Hosken
HART CROWSER REPRESENTATIVE

REVIEWED BY:

HART CROWSER PROJECT MANAGER