
APPENDIX G1

**DREDGING AND CAPPING – CONSTRUCTION EQUIPMENT
DECONTAMINATION OBSERVATION REPORTS AND LETTER OF
FINAL TRUCK DECONTAMINATION**



Daily Construction Report Number:

Anchor Personnel On Site: 13:40 to 15:30

Project Number: 050332-01 Day: Tuesday Date: 9/9/08
Weather : Sunny, Calm : 78 °F
Hickey Marine Enterprises
Contractor: (HME) Sub: West Coast Marine Cleaning
Contractors Rep and Title: Dave Godel, Health and Safety Supervisor, HME
Project Pictures? Yes No Subject: Decontamination Procedure Documentation
Personnel: Anchor: Gabe Nagler, Doug Laffoon; HME: Cliff Larson, Dave Godel
West Coast Marine Cleaning: Kevin Stumper

Diary (Report of Day's Operations, Orders given and received, discussions with contractor, visitors, unusual conditions, major material deliveries, delays)

Chetco barge preliminary decontamination completed at transloading facility located in The Dalles on September 8th, 2008 using street sweeper. Barge arrived at Hickey Marine Enterprises yard in Vancouver, Washington on September 9th, 2008 for final decontamination. Final decontamination was performed by West Coast Marine Cleaning using two Karcher, 5000 psi pressure washers with roto-tip nozzles (Figure 1). Power washing commenced on the Chetco at 10:30 and was completed at 14:30.

Anchor monitoring personnel, Gabe Nagler and Doug Laffoon, arrived on site at 13:40 to begin observation of Chetco decontamination. Nagler and Laffoon were met by Hickey Marine Health and Safety Supervisor Dave Godel upon arrival on site. Anchor monitors boarded Chetco at 13:45. Power washing was 85% complete at the time of arrival. Kevin Stumper of West Coast Marine Cleaning led power washing operations on barge. Rinsate from power washing operations was collected in the port-aft quarter of the Chetco barge by listing and subsequently pumped via diaphragm pump to hold #3 of the water collection barge for future disposal. See Figures 2 and 3. Sediment collected during final decontamination of Chetco was transferred to the Reedsport barge for transport to The Dalles and disposal in Wasco County Landfill. Rinsate removal and decontamination of the Chetco completed at 15:35. See Figure 4. Near the conclusion of the event, Cliff Larson, owner of Hickey Marine met with Anchor monitors and Kevin Stumper to review final decontamination. No rinsate was observed escaping the Chetco barge during or after decontamination procedures. Chetco barge was free of all observable standing water, sediment and dust following completion of decontamination.

Gabe Nagler/Doug Laffoon

Monitoring Personnel

John Verduin

Project Engineer



Figure 1. Power washing of Chetco barge.



Figure 2. Diaphragm pump in water holding barge pumping rinsate from Chetco barge.

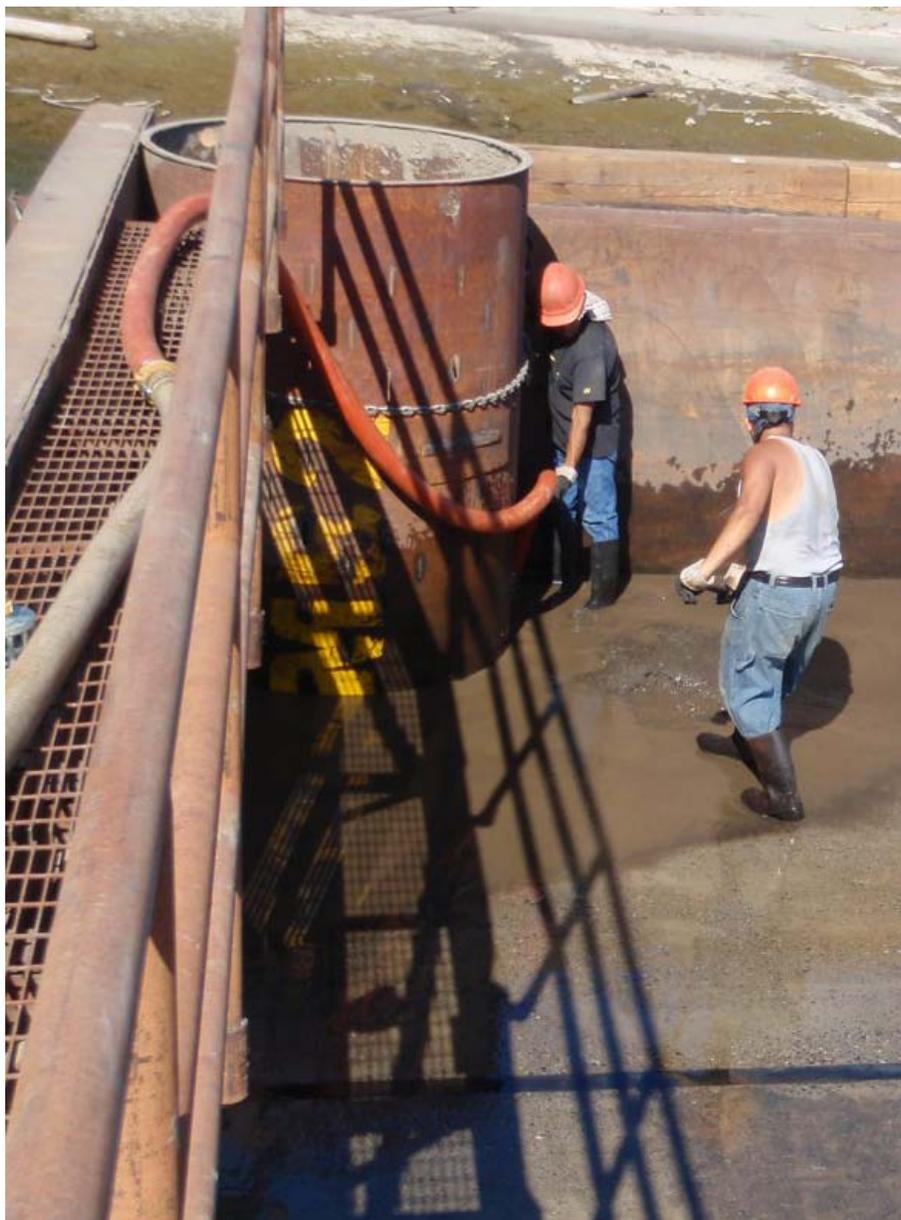


Figure 3. Pumping of powerwash rinsate on barge Chetco.



Figure 4. Clean, decontaminated Chetco barge.



Daily Construction Report Number:

Anchor Personnel On Site: 13:00 to 16:30

Project Number: 050332-01 Day: Friday Date: 9/12/08
Weather : Sunny, Calm : 78 °F
Hickey Marine Enterprises
Contractor: (HME) Sub: West Coast Marine Cleaning
Contractors Rep and Title: Dave Godel, Health and Safety Supervisor, HME
Project Pictures? Yes No Subject: Decontamination Procedure Documentation
Personnel: Anchor: Gabe Nagler; HME: Dave Godel, Adam Bozarth
West Coast Marine Cleaning: Kevin Stumper

Diary (Report of Day's Operations, Orders given and received, discussions with contractor, visitors, unusual conditions, major material deliveries, delays)

Umpqua barge preliminary decontamination completed at Hickey Marine Enterprises (HME) yard facility located in Vancouver on the morning of September 12th, 2008. Adam Bozarth, barge hand of HME conducted preliminary decon using street sweeper. Final decontamination was performed by West Coast Marine Cleaning using two Karcher, 5000 psi pressure washers with roto-tip nozzles (Figure 1). Power washing commenced on the Umpqua at 09:30 and was completed at 16:30.

Anchor monitoring personnel, Gabe Nagler arrived on site at 13:00 to begin observation of Umpqua decontamination. Anchor monitor boarded Umpqua at 13:05. Power washing was 80% complete at the time of arrival. Kevin Stumper of West Coast Marine Cleaning led power washing operations on barge. Rinsate from power washing operations was collected in the port-aft quarter of the Umpqua barge by listing and was subsequently pumped via empeller and diaphragm pump to hold #3 of the water collection barge for future disposal. See Figures 2 and 3. Sediment collected during final decontamination of Umpqua was stored in a 55 gallon drum for transport to The Dalles and disposal in Wasco County Landfill. Rinsate removal and decontamination of the Umpqua completed at 16:30. See Figure 4.

At 13:16, a rinsate spill occurred on the water barge when the hose transporting the rinsate liquid dislodged from hold #3. Pumping was shut down within 20 seconds of hose dislodge. Rinsate was contained on deck of water barge and did not spill into river. Resulting accumulation of rinsate on deck of water barge was swept into hold #3. No rinsate was observed escaping the Umpqua barge during or after decontamination procedures. Umpqua barge was free of all observable standing water, sediment and dust following completion of decontamination.

Gabe Nagler
Monitoring Personnel

John Verduin
Project Engineer



Figure 1. Power washing of Umpqua barge.

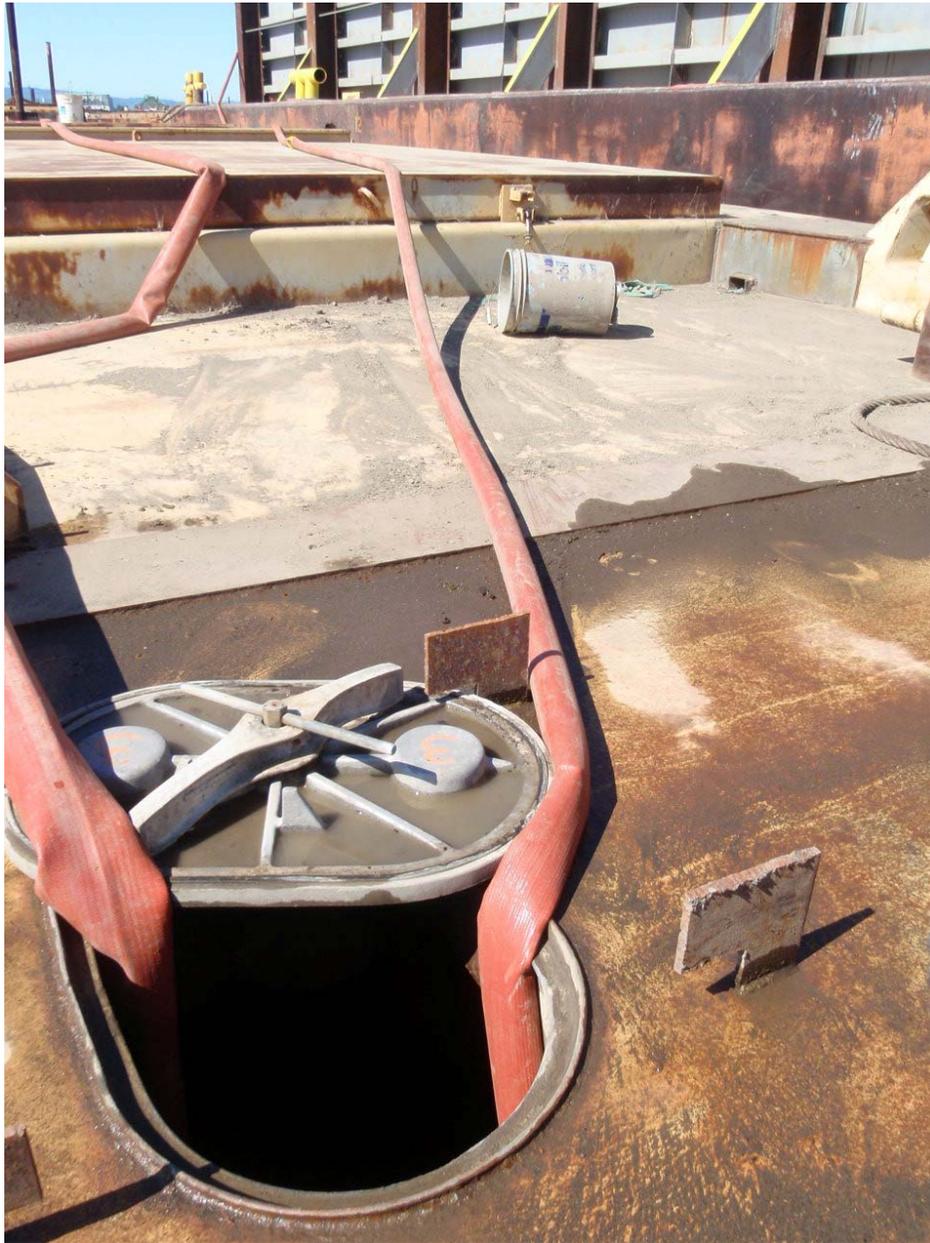


Figure 2. Rinsate from Umqua barge being pumped into hold #3 of water barge.



Figure 3. Pumping of powerwash rinsate on barge Umpqua.



Figure 4. Clean, decontaminated Umpqua barge.



Daily Construction Report Number:

Anchor Personnel On Site: 13:50 to 14:20

Project Number: 050332-01 Day: Wednesday Date: 9/17/08
Weather : Sunny : 86 °F
Contractor: Hickey Marine Enterprises
(HME) Sub: West Coast Marine Cleaning
Contractors Rep and Title: Dave Godel, Health and Safety Supervisor, HME
Project Pictures? Yes No Subject: Decontamination Documentation
Personnel: Anchor: Ben Hung; HME: Dave Godel
West Coast Marine Cleaning: Kevin Stumper

Diary (Report of Day's Operations, Orders given and received, discussions with contractor, visitors, unusual conditions, major material deliveries, delays)

13:50 Arrived at Hickey Marine Enterprises (HME) to verify decontamination of Reedsport barge meets project specifications. Dave Godel indicated that HME conducted preliminary decontamination using street sweeper. Final decontamination was performed by West Coast Marine Cleaning using two Karcher, 5000 psi pressure washers with roto-tip nozzles. Power washing was completed at 13:40, before the inspection began.

14:00 Boarded Reedsport barge. Observed that it was free of all observable standing water, sediment, and dust following completion of the decontamination. Photographic documentation of the decontaminated barge are provided below.







Ben Hung
Monitoring Personnel

John Verduin
Project Engineer

From: Dave Godel [mailto:DaveG@hickeymarine.com]
Sent: Monday, September 29, 2008 1:17 PM
To: Ben Hung
Cc: John Verduin; Greg Speyer; Darrell Jamieson; djamiesonhme@comcast.net
Subject: RE: Barge Reedsport Decon Monday

Ben and John,

We have completed the cleaning of the barge Reedsport and I have attached pictures taken a few minutes ago. We will begin loading rock shortly for armor capping at the head of slip 3.

Regards,

Dave Godel

Hickey Marine Enterprises, Inc.
(360) 695-4553 office
(360) 695-0330 direct
(360) 901-2622 cell
(360) 695-3295 fax

From: Ben Hung [mailto:bhung@anchorenv.com]
Sent: Friday, September 26, 2008 11:26 AM
To: Dave Godel
Cc: John Verduin; Greg Speyer
Subject: Barge Reedsport Decon Monday

Dave-

Since the Reedsport is being decontaminated as part of another project, we do not feel Anchor needs to document the decon. However it would still be good for Hickey to prepare a very short report and take a few pictures to document the decon, and then forward Anchor.

Thanks,

Ben Hung
Anchor Environmental, L.L.C.
6650 SW Redwood Lane, Suite 333
Portland, OR 97224
503.670.1108 x21 (V)
503.670.1128 (F)
971.678.2100 (C)
bhung@anchorenv.com
<http://www.anchorenv.com>

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Daily Construction Report Number:

Anchor Personnel On Site: 15:10 to 16:40

Project Number: 050332-01 Day: Thursday Date: 10/16/08
Weather : Overcast, calm : 65 °F
Hickey Marine Enterprises
Contractor: (HME) Sub: West Coast Marine Cleaning
Contractors Rep and Title: Dave Godel, Health and Safety Supervisor, HME
Project Pictures? Yes No Subject: Lash Barge Decontamination
Personnel: Anchor: Gabe Nagler; HME: Doug Larson, Dave Godel
West Coast Marine Cleaning: Kevin Stumper

Diary (Report of Day's Operations, Orders given and received, discussions with contractor, visitors, unusual conditions, major material deliveries, delays)

Anchor monitoring personnel, Gabe Nagler was on site from 15:10 to 16:40. At 15:10 Nagler met with HME Health and Safety Supervisor, Dave Godel and HME Superintendent Doug Larsen. Nagler and Larsen boarded lash barge at 15:15. Decontamination of hold #3 was in progress. Larsen, of HME reported that holds 1, 2 and 4 were rinsed and power washed on 10/14 and 10/15. Rinsate produced from decontamination procedures of holds 1, 2 and 4 was pumped to vacuum truck for future disposal (photo). No standing water or sediment remained in holds 1,2 and 4 upon observation on 10/16 (photos).

Sediment remaining in hold #3 of lash barge on 10/16 was sprayed with site water and pumped via 3" diaphragm pump to vacuum truck for future disposal (photos). West Coast Marine Cleaning began cleaning hold #3 at 10:30 and was complete at 16:20. Rinsate was collected for pumping in corner of hold using squeegees. Upon completion of cleaning of hold #3, no sediment or standing water remained (photo). Doug Larsen said power-washing of hold #3 was scheduled for a later date. No rinsate was observed escaping the lash barge.

Anchor monitoring personnel observed barge 47 at 15:30. A street sweeper had been used prior to remove all gravel and sediment from barge (photos). Power-washing was not performed on barge 47 because transported material did not include dredged sediment.

Gabe Nagler

Monitoring Personnel 1



Daily Construction Report Number: XX

Anchor Personnel On Site: 12:30 to 13:00

Project Number: 050332-01 Day: Wednesday Date: 10/22/08
Weather : Sunny, calm : 65 °F
Hickey Marine Enterprises
Contractor: (HME) Sub: West Coast Marine Cleaning
Contractors Rep and Title: Dave Godel, Health and Safety Supervisor, HME
Project Pictures? Yes No Subject: Barge 47 Decontamination
Personnel: Anchor: Ben Hung; HME: Dave Godel

Diary (Report of Day's Operations, Orders given and received, discussions with contractor, visitors, unusual conditions, major material deliveries, delays)

Anchor monitoring personnel Ben Hung was on site from 12:30 to 13:00. Hung met with HME Health and Safety Supervisor Dave Godel discussed sequence and timing of the final decontamination steps related to the lash barge as well as the sequence and timing on the decontamination of Barge 47.

Decontamination of hold #3 was in progress during observations on 10/16/08. At the end of the observation period on that day, no sediment or standing water remained in hold #3, however power washing still needed to be completed. Godel reported that hold #3 was power washed on the morning of 10/17/08. Rinsate produced from decontamination procedure from 3 was pumped to vacuum truck for future disposal.

On 10/16/08 Anchor monitoring personnel observed that a street sweeper was used to remove all gravel and sediment from Barge 47. However power washing had yet to be performed. HME explained that Barge 47 was used to transport debris and other material which did not include dredged sediment. On 10/17/08 Anchor advised HME that power washing was required. Power washing was performed on 10/21/08. Pumping of the rinsate and final cleaning was performed on the morning of 10/22/08. Barge 47 had nearly dried out by the afternoon when the inspection was performed (photos).

Ben Hung

Monitoring Personnel

DIETRICH

TRUCKING, LLC



ATTN: DAVE G
9-18-08

On the last loads all trucks were deconned with pressurized water to truck box and trailer box until clean before leaving the landfill. This is the same procedure we did for Wheeler Bay T-4. Any other questions please contact Todd Embury at (360) 518-0410, or Nancy Mitchell (541) 296-4082, Wasco County Landfill.

Thank you
Todd Embury