Mission: To enhance the region's economy and quality of life by providing efficient cargo and air passenger access to national and global markets.

PORT OF PORTLAND
Possibility in every direction

October 14, 2008

Sean Sheldrake
U.S. Environmental Protection Agency, Region 10
1200 Sixth Avenue, Suite 900
Mailstop ECL-115
Seattle, WA 98101-3140

Subject: Terminal 4 Phase I Removal Action
Construction Weekly Progress Report for October 6 through 12, 2008

Dear Sean:

This weekly status report contains information related to the implementation of the Terminal 4 Phase I Removal Action as required by the Administrative Order on Consent (AOC) between the Port of Portland (Port) and the US Environmental Protection Agency (EPA) signed on October 2, 2003. The reporting period covered by this letter is October 6 through 12, 2008.

SIGNIFICANT DEVELOPMENTS

- Offloading of Head of Slip 3 excavated material for disposal on October 10, 2008.
- Continued shoreline stabilization work in Wheeler Bay October 6 through 10, 2008.

CONSTRUCTION ACTIVITIES PERFORMED

Dredging and Capping

- Hickey offloaded the excavated material from the Head of Slip 3 cap at The Dalles. Approximately 400 tons of material was offloaded. See the attached summary table (Table 2) for quantities of material offloaded and disposed.

Wheeler Bay Shoreline Stabilization

- Finished placing topsoil across the area on October 8, 2008. From elevation 15 to 20 feet National Geodetic Vertical Datum (NGVD), the topsoil is 2 feet thick under a coir fabric; from elevation 20 feet NGVD and above the thickness is 1 foot with stapled jute mat (both per final design drawings).
- Finished planting on October 8, 2008.
- Hydroseeding and mulch placement completed October 9, 2008.
- Removed east railroad crossing and installed temporary fence to keep foot traffic off of hydroseed on October 10, 2008.
- Began grading the reconstruction of the Port's green space buffer at the top of the slope and placing topsoil on October 10, 2008.

PROBLEMS ENCOUNTERED AND PROPOSED SOLUTIONS

Dredging and Capping

- None.

Wheeler Bay Shoreline Stabilization

- None.

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MONITORING ACTIVITIES PERFORMED

Dredging and Capping
- None completed.

Wheeler Bay Shoreline Stabilization
- Air monitoring occurred throughout the reporting period except on days of rain or heavy fog.

SUMMARY OF MONITORING DATA COLLECTED AND RECEIVED

Dredging and Capping
- None completed.

Wheeler Bay Shoreline Stabilization
- Air monitoring data indicated no issues with air quality from dust at the Wheeler Bay construction site.

SCHEDULE OF ACTIVITIES TO BE PERFORMED DURING NEXT REPORTING PERIOD

Dredging and Capping
- Decontamination of the lash barge which contained effluent water and Barge #47 which contained the excavated material from the Head of Slip 3 cap area.

Wheeler Bay Shoreline Stabilization
- Continue reconstruction of the Port's green space buffer on the top of the slope.

If you have any questions, please call me at (503) 944-7323.

Sincerely,

Nicole LaFranchise

Nicole LaFranchise
Environmental Project Manager

Attachments:
- Table 1: Terminal 4 Removal Action Dredging Log Summary
- Table 2: Offloading Facility Tracking Log
- Table 3: Terminal 4 Removal Action Material Placement Log Summary
- Attachment A: Daily Construction Monitoring Reports for Dredging and Capping (None)
- Attachment B: Daily Construction Monitoring Reports for Wheeler Bay
- Attachment C: Daily Construction Monitoring Reports for the Transloading Facility
- Attachment D: Daily Results from Water Quality Monitoring Activities at Terminal 4 (None)

Table 1
Terminal 4 Removal Action Dredging Log Summary

Date	Scow	Sediment Wt in Tons (1)		Dredge Volume in CY (2)		Lash Barge Water in Gal (3)		Total Work Hours		Actual Dredge Hours		Daily Dredging Production Rate in cy/hr		Bucket (4)	Area Dredged
		Day	Total	Day	Total	Day	Total	Day	Total	Day	Total	Dredge Hours	Total Hrs		
12-Aug-08	Chetco	391	391	277	277	0	0	10.0	10.0	2.3	2.3	123	28	C	Berth 411 414 Square
13-Aug-08	Chetco	1,144	1,535	811	1,088	10,724	10,724	12.5	22.5	6.8	9.0	120	65	C	Berth 411 Slip 3 Square
14-Aug-08	Chetco	360	1,895	255	1,343	5,360	16,084	9.0	31.5	2.5	11.5	102	28	C	Berth 411 Slip 3 Square
18-Aug-08	Umpqua	849	2,744	602	1,945	10,724	26,808	16.0	47.5	6.8	18.3	89	38	C	Berth 411 Sta 12-24
19-Aug-08	Umpqua	984	3,728	698	2,643		26,808							C	
	Reedsport	565	4,293	372	3,015	5,362	32,170	16.0	63.5	9.2	27.4	117	67	C	Berth 411 Sta 10-40 outside; Sta 12-18 inside
20-Aug-08	Reedsport	760	5,053	539	3,554	26,811	58,981	16.0	79.5	12.3	39.7	44	34	C	Berth 411 Cell 1, 2, 3, 4, 5
21-Aug-08	Reedsport	624	5,677	442	3,996									C	
	Chetco	442	6,119	395	4,391	18,500	77,481	16.0	95.5	10.3	49.9	82	52	C	Berth 411 Cells 2, 3, 5, 6, and 9--grade pass
22-Aug-08	Chetco	1,270	7,389	875	5,266	16,087	93,568	16.0	111.5	13.0	62.9	67	55	C	Berth 411 Cells 7, 8, 9, 10
23-Aug-08	Chetco	675	8,064	465	5,731	32,710	126,278	16.0	127.5	10.8	73.7	43	29	C	Berth 411 Cells 1, 6, 10, 11 and side slopes
24-Aug-08	Umpqua	411	8,475	283	6,014	15,638	141,916	12.0	139.5	5.3	78.9	54	24	D	Berth 411 Cells 4, 2, and 3
25-Aug-08	Umpqua	500	8,975	344	6,358	29,493	171,409	12.0	151.5	6.8	85.7	51	29	D	Berth 411 Cells 2-7; Berth 410 Sta 41-51
26-Aug-08	Umpqua	611	9,586	421	6,779	24,130	195,539	9.5	161.0	5.0	90.7	84	44	D	Berth 410 Sta 42-68
27-Aug-08	Umpqua	466	10,052	323	7,102										
	Reedsport	570	10,622	393	7,495	8,847	204,386	12.0	173.0	9.0	99.7	80	60	C	Berth 410 Sta 68-82
28-Aug-08	Reedsport	766	11,388	543	8,038	12,869	217,255	12.5	185.5	5.8	105.4	94	43	C	Berth 410 Sta 82-90; Berth 411 Sta 42-32 CU
29-Aug-08	Reedsport	652	12,040	462	8,500	5,362	222,617	8.0	193.5	3.0	108.4	154	58	C	Berth 410 Sta 100-105
2-Sep-08	Chetco	920	12,960	635	9,135	2,681	225,298	12.0	205.5	6.3	114.7	102	53	C	Berth 410 Sta 115-125
3-Sep-08	Chetco	1,427	14,387	1,019	10,154	16,087	241,385	11.0	216.5	8.0	122.7	127	93	C	Berth 410 Sta 125-135
4-Sep-08	Umpqua	1,074	15,461	761	10,915	5,362	246,747	12.0	228.5	8.0	130.7	95	63	C	Berth 410 Sta 90-100 & 88-95
5-Sep-08	Umpqua	1,095		776											
	Reedsport	424	16,980	300	11,991	13,405	260,152	12.0	240.5	8.5	139.2	127	90	C	Berth 410 Sta 95-108 & 105-110
6-Sep-08	Reedsport	1,045	18,025	741	12,732	2,681	262,833	12.0	252.5	8.3	147.4	90	62	C	Berth 410 Sta 108-125
8-Sep-08	Reedsport	49	18,074	35	12,767	0	262,833	8.0	260.5	1.5	148.9	NA	NA	C	Berth 410 Cleanup (7 buckets)
10-Sep-08	Reedsport	73	18,147	52	12,819	0	262,833	3.0	263.5	0.3	149.3	156	17	C	Berth 414 Square Cleanup

Notes:
(1) Estimated from barge displacement
(2) Estimated assuming 1.41 tons/cy and barge displacement tonnage
(3) Estimated by stick
(4) C=cable arm; D=digging bucket

Running gallons effluent per cubic yard dredged	20.5	10.2%
Overall Running production rate (cy/total work hours)	49	
Overall Running production rate (cy/actual dredge hours)	86	
Cable Arm production rate (cy/total work hours)	50	
Digging bucket production rate (cy/total work hours)	31	
Running efficiency (dredge hours/total work hours)	57%	
Percent of B411 "Plus" net line volume removed	135%	
Percent of B410 net line volume removed	176%	

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total (tons)	Barge Total (tons)
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons		
1.	8/18	11:00	N/A	Chetco	12349	33.17		
2.	8/18	N/A	N/A	Chetco	12353	33.07		
3.	8/18	N/A	N/A	Chetco	12357	23.12		
4.	8/18	12:10	N/A	Chetco	12359	32.50		
5.	8/18	N/A	N/A	Chetco	12362	32.00		
6.	8/18	12:28	N/A	Chetco	12364	32.72		
7.	8/18	N/A	N/A	Chetco	12366	33.03		
8.	8/18	13:30	N/A	Chetco	12371	26.14		
9.	8/18	13:45	N/A	Chetco	12374	33.65		
10.	8/18	N/A	N/A	Chetco	12379	31.68		
11.	8/18	14:25	N/A	Chetco	12384	32.99		
12.	8/18	14:47	N/A	Chetco	12389	32.45		
13.	8/18	15:43	N/A	Chetco	12391	30.29		
14.	8/18	15:58	8508	Chetco	12392	34.00	**440.81**	
1.	8/19	6:43	51	Chetco	12400	31.53		
2.	8/19	6:58	41	Chetco	12402	34.07		
3.	8/19	7:08	20	Chetco	12403	32.39		
4.	8/19	7:21	10	Chetco	12407	34.22		
5.	8/19	7:35	19	Chetco	12408	36.22		
6.	8/19	7:48	46	Chetco	12409	33.55		
7.	8/19	8:27	51	Chetco	12413	32.32		
8.	8/19	8:53	41	Chetco	12420	33.26		
9.	8/19	9:05	20	Chetco	12421	32.70		
10.	8/19	9:40	10	Chetco	12425	37.34		
11.	8/19	9:57	19	Chetco	12430	32.56		
12.	8/19	10:15	51	Chetco	12432	34.10		
13.	8/19	10:44	41	Chetco	12436	32.61		
14.	8/19	10:58	46	Chetco	12439	32.58		
15.	8/19	11:12	20	Chetco	12441	32.80		
16.	8/19	11:29	10	Chetco	12444	27.86		
17.	8/19	11:45	19	Chetco	12448	33.18		
18.	8/19	12:49	41	Chetco	12461	34.89		
19.	8/19	13:03	20	Chetco	12463	32.24		
20.	8/19	13:28	10	Chetco	12465	29.46		
21.	8/19	13:41	51	Chetco	12466	32.83		
22.	8/19	13:56	19	Chetco	12469	32.60		
23.	8/19	14:11	46	Chetco	12470	33.20		
24.	8/19	14:31	41	Chetco	12475	31.42		
25.	8/19	14:55	20	Chetco	12479	32.27		
26.	8/19	15:13	10	Chetco	12483	33.33		
27.	8/19	15:28	51	Chetco	12485	35.32		
28.	8/19	15:42	19	Chetco	12488	33.15	**924.00**	
1.	8/20	6:28	51	Chetco	12494	33.23		
2.	8/20	6:45	46	Chetco	12497	32.13		
3.	8/20	6:58	41	Chetco	12498	32.87		
4.	8/20	7:15	20	Chetco	12504	32.31		
5.	8/20	7:31	10	Chetco	12506	22.86		
6.	8/20	8:05	51	Chetco	12509	33.03		
7.	8/20	8:48	41	Chetco	12517	32.48		
8.	8/20	9:00	20	Chetco	12522	32.97		
9.	8/20	9:17	10	Chetco	12541	32.70		
10.	8/20	9:37	46	Chetco	12540	32.31		
11.	8/20	10:22	41	Chetco	12545	32.64		
12.	8/20	10:30	51	Chetco	12550	27.52		
13.	8/20	10:49	20	Chetco	12555	34.05		
14.	8/20	11:06	10	Chetco	12554	32.58		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total	Barge Total
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons	(tons)	(tons)
15.	8/20	11:42	46	Chetco	12559	32.85		
16.	8/20	11:58	51	Chetco	12560	33.70		
17.	8/20	12:08	41	Chetco	12562	32.83		
18.	8/20	12:16	20	Chetco	12565	32.97		
19.	8/20	12:25	19	Chetco	12572	33.66		
20.	8/20	12:43	10	Chetco	12578	33.46		
21.	8/20	13:26	51	Chetco	12579	32.62		
22.	8/20	13:59	41	Chetco	12591	32.21		
23.	8/20	14:08	20	Chetco/Umpqua	12587	33.05		**2,105.84**
24.	8/20	14:26	46	Umpqua	12588	27.90		
25.	8/20	14:42	19	Umpqua	12590	34.56		
26.	8/20	14:54	10	Umpqua	12595	35.35		
27.	8/20	15:03	51	Umpqua	12597	33.63		
28.	8/20	15:38	41	Umpqua	12599	32.81		
29.	8/20	15:47	20	Umpqua	12602	34.86		
30.	8/20	16:17	19	Umpqua	12604	32.26		
31.	8/20	16:35	51	Umpqua	12603	31.35		
32.	8/20	16:50	46	Umpqua	12606	24.78		
33.	8/20	17:10	41	Umpqua	12605	32.82	**1,061.35**	
1.	8/21	6:13	46	Umpqua	12607	33.15		
2.	8/21	6:25	51	Umpqua	12611	34.88		
3.	8/21	6:40	41	Umpqua	12614	34.15		
4.	8/21	6:46	19	Umpqua	12615	31.75		
5.	8/21	7:05	20	Umpqua	12620	34.03		
6.	8/21	7:17	10	Umpqua	12621	31.38		
7.	8/21	7:40	46	Umpqua	12623	33.04		
8.	8/21	7:50	51	Umpqua	12624	34.82		
9.	8/21	8:14	41	Umpqua	12627	33.16		
10.	8/21	8:24	19	Umpqua	12629	31.85		
11.	8/21	8:58	10	Umpqua	12635	26.87		
12.	8/21	9:28	46	Umpqua	12637	33.31		
13.	8/21	9:36	51	Umpqua	12639	33.46		
14.	8/21	9:51	22	Umpqua	12644	33.41		
15.	8/21	10:00	20	Umpqua	12643	35.34		
16.	8/21	10:09	41	Umpqua	12646	34.80		
17.	8/21	10:33	19	Umpqua	12648	33.50		
18.	8/21	10:44	10	Umpqua	12651	32.77		
19.	8/21	10:53	46	Umpqua	12654	32.91		
20.	8/21	11:07	51	Umpqua	12659	33.17		
21.	8/21	11:24	20	Umpqua	12664	34.30		
22.	8/21	11:37	22	Umpqua	12670	32.96		
23.	8/21	11:53	41	Umpqua	12671	32.40		
24.	8/21	11:59	19	Umpqua	12674	24.97		
25.	8/21	12:26	10	Umpqua	12676	33.99		
26.	8/21	12:40	51	Umpqua	12681	34.12		
27.	8/21	13:16	20	Umpqua	12683	32.66		
28.	8/21	13:40	46	Umpqua	12685	33.64		
29.	8/21	14:05	22	Umpqua	12688	32.93		
30.	8/21	14:25	41	Umpqua	12689	33.26		
31.	8/21	14:38	19	Umpqua	12692	33.40		
32.	8/21	14:53	51	Umpqua	12693	33.60		
33.	8/21	15:02	10	Umpqua	12695	32.05		
34.	8/21	15:25	20	Umpqua	12697	33.60		
35.	8/21	15:40	46	Umpqua	12703	34.71		
36.	8/21	16:03	22	Umpqua	12700	33.90	**1,188.24**	
1	8/22	6:15	46	Umpqua	12704	32.66		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total	Barge Total
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons	(tons)	(tons)
2	8/22	6:31	51	Umpqua	12708	31.32		
3	8/22	6:42	41	Umpqua	12712	33.08		
4	8/22	7:05	22	Umpqua	12715	34.59		
5	8/22	7:12	20	Umpqua	12718	32.91		
6	8/22	7:22	10	Umpqua	12719	27.30		
7	8/22	8:10	51	Umpqua	12723	32.89		
8	8/22	8:18	46	Umpqua	12725	33.33		
9	8/22	8:47	41	Umpqua	12732	33.75		
10	8/22	9:02	20	Umpqua	12734	32.85		
11	8/22	9:26	26	Umpqua	12736	33.61		
12	8/22	9:35	10	Umpqua	12739	32.33		
13	8/22	9:49	51	Umpqua	12741	34.25		
14	8/22	9:56	46	Umpqua	12743	33.58		
15	8/22	10:24	41	Umpqua	12748	34.02		
16	8/22	10:35	20	Umpqua/Reedsport	12749	33.16		**2,034.19**
17	8/22	11:04	22	Reedsport	12755	35.41		
18	8/22	11:15	51	Reedsport	12757	33.95		
19	8/22	11:55	46	Reedsport	12765	32.97		
20	8/22	12:06	41	Reedsport	12770	32.52		
21	8/22	12:28	21	Reedsport	12773	33.06		
22	8/22	12:40	22	Reedsport	12780	35.54		
23	8/22	12:55	51	Reedsport	12785	35.10		
24	8/22	13:05	21	Reedsport	12786	32.47		
25	8/22	13:20	46	Reedsport	12789	32.44		
26	8/22	13:45	26	Reedsport	12793	32.67		
27	8/22	14:30	22	Reedsport	12804	37.11		
28	8/22	14:37	51	Reedsport	12805	33.31		
29	8/22	14:49	41	Reedsport	12808	33.08		
30	8/22	15:15	21	Reedsport	12822	32.80		
31	8/22	15:44	46	Reedsport	12829	32.16		
32	8/22	15:53	51	Reedsport	12830	33.77		
33	8/22	16:05	22	Reedsport	12831	36.32		
34.	8/22	16:22	41	Reedsport	12832	31.96	**1,132.27**	
1	8/23	6:10	46	Reedsport	12842	32.62		
2	8/23	6:21	51	Reedsport	12843	34.09		
3	8/23	6:43	41	Reedsport	12845	32.35		
4	8/23	6:57	22	Reedsport	12846	36.00		
5	8/23	7:34	46	Reedsport	12850	32.04		
6	8/23	7:46	51	Reedsport	12852	34.56		
7	8/23	8:13	41	Reedsport	12854	33.36		
8	8/23	9:05	51	Reedsport	12859	32.65		
9	8/23	9:30	46	Reedsport	12863	33.00		
10	8/23	9:57	41	Reedsport	12866	33.31		
11	8/23	10:19	51	Reedsport	12868	34.51		
12	8/23	10:30	22	Reedsport	12870	32.64		
13	8/23	10:47	46	Reedsport	12871	32.67		
14	8/23	11:27	41	Reedsport	12872	32.13		
15	8/23	11:48	51	Reedsport	12874	34.87		
16	8/23	12:04	22	Reedsport	12875	32.49		
17	8/23	12:12	46	Reedsport	12876	33.21		
18	8/23	12:57	41	Reedsport	12881	33.43	**599.93**	
1	8/25	6:30	41	Reedsport	12891	35.66		
2	8/25	6:39	22	Reedsport	12894	38.09		
3	8/25	6:55	9519	Reedsport	12895	33.23		
4	8/25	7:03	20	Reedsport	12896	33.82		
5	8/25	7:24	46	Reedsport	12907	32.44		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total (tons)	Barge Total (tons)
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons		
6	8/25	8:04	41	Reedsport	12910	32.95		
7	8/25	8:26	22	Reedsport	12916	32.57		
8	8/25	8:37	20	Reedsport	12923	32.67		
9	8/25	8:47	9519	Reedsport	12927	32.23		
10	8/25	9:01	51	Reedsport	12930	34.13		
11	8/25	9:19	46	Reedsport	12931	28.78		
12	8/25	9:41	41	Reedsport	12933	32.46		
13	8/25	10:00	22	Reedsport	12937	32.72		
14	8/25	10:10	20	Reedsport	12939	33.89		
15	8/25	10:20	9519	Reedsport	12940	32.33		
16	8/25	10:35	51	Reedsport	12945	32.57		
17	8/25	11:10	46	Reedsport	12954	33.42		
18	8/25	11:27	41	Reedsport	12957	33.66		
19	8/25	11:34	22	Reedsport	12959	34.40		
20	8/25	11:43	20	Reedsport	12962	32.85		
21	8/25	11:55	9519	Reedsport	12965	29.75		
22	8/25	12:31	46	Reedsport	12971	28.49		
23	8/25	12:45	41	Reedsport	12972	33.26		
24	8/25	13:11	22	Reedsport	12977	36.17		
25	8/25	13:17	20	Reedsport	12978	32.21		
26	8/25	13:30	9519	Reedsport	12981	32.59	**857.34**	**2,063.91**
1	8/26	6:50	41	Chetco	13004	32.92		
2	8/26	7:15	46	Chetco	13011	33.98		
3	8/26	7:30	22	Chetco	13057	31.23		
4	8/26	7:36	9519	Chetco	13015	32.95		
5	8/26	7:42	20	Chetco	13019	33.79		
6	8/26	8:32	41	Chetco	13026	33.02		
7	8/26	8:40	51	Chetco	13028	32.22		
8	8/26	8:53	46	Chetco	13030	31.97		
9	8/26	9:04	22	Chetco	13033	32.93		
10	8/26	9:14	20	Chetco	13034	32.67		
11	8/26	9:24	9519	Chetco	13036	30.83		
12	8/26	10:03	41	Chetco	13048	32.93		
13	8/26	10:15	51	Chetco	13045	33.15		
14	8/26	10:23	46	Chetco	13051	31.05		
15	8/26	10:40	22	Chetco	13054	31.28		
16	8/26	10:46	20	Chetco	13056	33.04		
17	8/26	10:55	9519	Chetco	13058	31.85		
18	8/26	11:36	51	Chetco	13069	32.86		
19	8/26	11:50	41	Chetco	13071	32.09		
20	8/26	12:00	46	Chetco	13074	35.23		
21	8/26	12:10	22	Chetco	13077	33.34		
22	8/26	12:24	20	Chetco	13079	34.12		
23	8/26	12:42	9519	Chetco	13086	32.90		
24	8/26	13:08	51	Chetco	13096	33.23		
25	8/26	13:25	41	Chetco	13098	31.59		
26	8/26	13:47	22	Chetco	13099	33.81		
27	8/26	13:54	20	Chetco	13101	33.62		
28	8/26	14:16	46	Chetco	13106	33.73		
29	8/26	14:33	9519	Chetco	13112	33.82		
30	8/26	14:43	51	Chetco	13109	30.13		
31	8/26	15:10	41	Chetco	13117	33.56		
32	8/26	15:18	22	Chetco	13119	33.20		
33	8/26	15:26	20	Chetco	13120	34.05		
34	8/26	15:37	46	Chetco	13122	30.55		
35	8/26	15:58	9519	Chetco	13123	31.79		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total (tons)	Barge Total (tons)
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons		
36	8/26	16:37	41	Chetco	13124	32.68		
37	8/26	16:45	22	Chetco	13125	32.17		
38	8/26	16:51	20	Chetco	13126	32.26	**1,242.54**	
1	8/27	6:26	51	Chetco	13129	34.93		
2	8/27	6:33	41	Chetco	13131	34.00		
3	8/27	6:41	46	Chetco	13132	35.41		
4	8/27	6:46	22	Chetco	13135	29.75		
5	8/27	6:53	20	Chetco	13137	32.19		
6	8/27	7:02	9519	Chetco	13138	31.30		
7	8/27	7:53	51	Chetco	13145	31.91		
8	8/27	8:00	41	Chetco	13146	34.81		
9	8/27	8:10	22	Chetco	13149	31.89		
10	8/27	8:18	20	Chetco	13151	33.37		
11	8/27	8:25	46	Chetco	13153	33.17		
12	8/27	8:32	9519	Chetco	13155	30.24		
13	8/27	9:02	51	Chetco	13158	33.35		
14	8/27	9:23	41	Chetco	13161	33.74		
15	8/27	9:37	13	Chetco	13165	33.32		
16	8/27	9:45	22	Chetco	13170	29.59		
17	8/27	9:49	20	Chetco	13171	32.85		
18	8/27	10:00	46	Chetco	13174	34.37		
19	8/27	10:13	9519	Chetco	13178	31.41		
20	8/27	10:28	51	Chetco	13180	34.07		
21	8/27	10:50	41	Chetco	13182	33.22		
22	8/27	10:57	13	Chetco	13185	34.59		
23	8/27	11:08	22	Chetco	13186	31.64		
24	8/27	11:16	20	Chetco	13187	33.13		
25	8/27	11:26	46	Chetco	13189	33.85		
26	8/27	11:42	9519	Chetco	13192	30.22		
27	8/27	11:55	51	Chetco	13194	32.47		
28	8/27	12:16	41	Chetco	13203	32.89		
29	8/27	12:25	13	Chetco	13206	34.37		
30	8/27	12:34	22	Chetco	13207	32.74		
31	8/27	12:40	20	Chetco	13208	33.91		
32	8/27	12:47	46	Chetco	13211	33.25		
33	8/27	13:27	9519	Chetco	13218	32.66		
34	8/27	13:35	51	Chetco	13219	33.00		
35	8/27	14:02	22	Chetco	13225	34.87		
36	8/27	14:10	20	Chetco	13227	33.22		
37	8/27	14:25	41	Chetco	13231	33.55		
38	8/27	14:43	46	Chetco	13234	33.09		
39	8/27	14:52	51	Chetco	13239	33.33		
40	8/27	15:01	9519	Chetco	13241	32.83	**1,318.50**	**2,561.04**
1	8/28	6:45	51	Umpqua	13255	33.46		
2	8/28	6:57	41	Umpqua	13259	33.30		
3	8/28	7:20	46	Umpqua	13264	33.28		
4	8/28	7:26	20	Umpqua	13268	34.06		
5	8/28	7:44	22	Umpqua	13277	34.15		
6	8/28	8:12	51	Umpqua	13278	33.05		
7	8/28	8:23	9519	Umpqua	13281	34.29		
8	8/28	8:39	41	Umpqua	13285	32.94		
9	8/28	8:56	46	Umpqua	13289	32.76		
10	8/28	9:10	20	Umpqua	13292	33.20		
11	8/28	9:19	22	Umpqua	13297	30.23		
12	8/28	9:50	9519	Umpqua	13300	33.13		
13	8/28	10:15	41	Umpqua	13301	33.09		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total	Barge Total
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons	(tons)	(tons)
14	8/28	10:25	46	Umpqua	13304	33.44		
15	8/28	10:33	20	Umpqua	13306	32.97		
16	8/28	10:40	51	Umpqua	13308	30.08		
17	8/28	10:52	22	Umpqua	13315	31.96		
18	8/28	11:00	13	Umpqua	13318	32.38		
19	8/28	11:30	9519	Umpqua	13321	32.76		
20	8/28	11:46	46	Umpqua	13323	32.44		
21	8/28	11:53	20	Umpqua	13326	34.57		
22	8/28	12:06	41	Umpqua	13329	32.14		
23	8/28	12:14	51	Umpqua	13333	31.25		
24	8/28	12:25	22	Umpqua	13336	32.94		
25	8/28	12:33	13	Umpqua	13340	32.71		
26	8/28	13:20	46	Umpqua	13356	32.01		
27	8/28	13:29	9519	Umpqua	13359	33.96		
28	8/28	13:54	20	Umpqua	13361	33.87		
29	8/28	14:03	41	Umpqua	13363	33.37		
30	8/28	14:15	51	Umpqua	13365	35.61		
31	8/28	14:24	22	Umpqua	13366	33.73		
32	8/28	14:34	13	Umpqua	13368	29.91		
33	8/28	15:00	9159	Umpqua	13373	31.76		
34	8/28	15:15	46	Umpqua	13374	35.56		
35	8/28	15:22	20	Umpqua	13378	34.05		
36	8/28	15:39	41	Umpqua	13379	33.63		
37	8/28	15:55	22	Umpqua	13381	35.32		
38	8/28	16:28	46	Umpqua	13382	33.89	**1,257.25**	
1	8/29	6:19	51	Umpqua	13390	33.89		
2	8/29	6:31	41	Umpqua	13391	34.19		
3	8/29	6:40	46	Umpqua	13394	32.57		
4	8/29	6:50	22	Umpqua	13395	32.13		
5	8/29	6:56	9519	Umpqua	13397	31.26		
6	8/29	7:04	20	Umpqua	13398	33.61		
7	8/29	7:46	51	Umpqua	13403	36.79		
8	8/29	8:05	41	Umpqua	13406	32.92		
9	8/29	8:16	46	Umpqua	13408	33.43		
10	8/29	8:24	22	Umpqua	13410	33.62		
11	8/29	8:32	9519	Umpqua	13412	30.73		
12	8/29	8:43	20	Umpqua	13413	33.60		
13	8/29	9:13	51	Umpqua	13421	33.93		
14	8/29	9:22	13	Umpqua	13426	32.89		
15	8/29	9:37	41	Umpqua	13427	33.83		
16	8/29	9:48	46	Umpqua	13430	32.36		
17	8/29	10:03	22	Umpqua	13435	36.61		
18	8/29	10:10	9519	Umpqua	13436	32.97		
19	8/29	10:22	20	Umpqua	13438	33.32		
20	8/29	10:35	51	Umpqua	13440	33.70		
21	8/29	10:40	13	Umpqua	13444	32.60		
22	8/29	11:08	41	Umpqua	13451	33.18		
23	8/29	11:18	46	Umpqua	13448	31.76		
24	8/29	11:34	22	Umpqua	13454	36.31		
25	8/29	11:43	9519	Umpqua	13456	31.79		
26	8/29	11:51	20	Umpqua	13457	32.93		
27	8/29	12:09	51	Umpqua	13461	33.94	**900.86**	
1	9/2	6:38	41	Umpqua	13555	31.69		
2	9/2	6:45	22	Umpqua	13560	29.80		**2,219.60**
3	9/2	7:09	9519	Reedsport	13565	32.51		
4	9/2	7:37	20	Reedsport	13570	33.98		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total (tons)	Barge Total (tons)
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons		
5	9/2	8:31	9519	Reedsport	13573	32.40		
6	9/2	8:47	41	Reedsport	13577	33.71		
7	9/2	8:57	13	Reedsport	13579	33.51		
8	9/2	9:12	46	Reedsport	13582	33.03		
9	9/2	9:20	20	Reedsport	13584	32.12		
10	9/2	9:56	51	Reedsport	13587	33.17		
11	9/2	10:11	9519	Reedsport	13589	32.62		
12	9/2	10:32	41	Reedsport	13594	32.92		
13	9/2	10:40	13	Reedsport	13596	32.69		
14	9/2	10:56	46	Reedsport	13597	32.82		
15	9/2	11:07	20	Reedsport	13599	32.22		
16	9/2	11:25	51	Reedsport	13601	33.92		
17	9/2	11:43	9519	Reedsport	13608	32.73		
18	9/2	12:15	41	Reedsport	13612	34.19		
19	9/2	12:25	13	Reedsport	13613	33.33		
20	9/2	12:44	46	Reedsport	13616	32.99		
21	9/2	13:01	20	Reedsport	13618	32.84		
22	9/2	13:09	51	Reedsport	13619	35.78		
23	9/2	13:22	9519	Reedsport	13620	31.10		
24	9/2	13:50	41	Reedsport	13626	32.15		
25	9/2	13:59	13	Reedsport	13634	32.68		
26	9/2	14:17	46	Reedsport	13637	33.16		
27	9/2	14:29	20	Reedsport	13638	33.34		
28	9/2	14:48	51	Reedsport	13640	33.63		
29	9/2	15:04	9519	Reedsport	13641	32.03		
30	9/2	15:39	41	Reedsport	13645	32.75		
31	9/2	15:56	46	Reedsport	13648	31.85		
32	9/2	16:12	20	Reedsport	13649	34.28	**1,051.94**	
1	9/3	6:25	51	Reedsport	13652	34.60		
2	9/3	6:35	41	Reedsport	13653	32.99		
3	9/3	6:47	46	Reedsport	13655	33.48		
4	9/3	6:58	9519	Reedsport	13659	28.98		
5	9/3	7:08	22	Reedsport	13660	35.00		
6	9/3	7:15	20	Reedsport	13661	33.62		
7	9/3	8:05	51	Reedsport	13670	33.87		
8	9/3	8:21	46	Reedsport	13672	34.21		
9	9/3	8:30	41	Reedsport	13674	34.34		
10	9/3	8:40	9519	Reedsport	13675	31.99		
11	9/3	8:52	22	Reedsport	13677	33.78		
12	9/3	8:58	20	Reedsport	13679	32.88		
13	9/3	9:14	13	Reedsport	13680	35.72		
14	9/3	9:28	51	Reedsport	13684	34.78		
15	9/3	9:48	46	Reedsport	13687	34.09		
16	9/3	10:15	41	Reedsport	13693	33.67		
17	9/3	10:30	9519	Reedsport	13699	30.54		
18	9/3	10:40	22	Reedsport	13700	34.68		
19	9/3	10:50	20	Reedsport	13701	32.95		
20	9/3	11:08	13	Reedsport	13703	34.63		
21	9/3	11:18	51	Reedsport	13705	35.26		
22	9/3	11:26	46	Reedsport	13708	32.57		
23	9/3	12:00	41	Reedsport	13715	33.92		
24	9/3	12:23	22	Reedsport	13719	36.46		
25	9/3	12:32	9519	Reedsport	13723	29.77		
26	9/3	12:45	20	Reedsport	13726	33.68		
27	9/3	13:05	51	Reedsport	13729	33.24		
28	9/3	13:15	8	Reedsport	13731	33.33		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total	Barge Total
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons	(tons)	(tons)
29	9/3	13:30	46	Reedsport	13733	33.77		
30	9/3	13:42	41	Reedsport	13738	32.58		
31	9/3	13:56	22	Reedsport	13741	33.53		
32	9/3	14:15	20	Reedsport	13745	32.61		
33	9/3	14:32	9519	Reedsport	13749	29.84		
34	9/3	14:40	51	Reedsport	13750	34.20		
35	9/3	15:05	46	Reedsport	13756	30.95	**1,166.51**	
1	9/4	6:54	51	Reedsport	13771	33.44		
2	9/4	7:04	41	Reedsport	13769	33.23		
3	9/4	7:25	46	Reedsport/Chetco	13776	33.44		**2,257.07**
4	9/4	7:40	22	Chetco	13781	35.21		
5	9/4	7:51	9519	Chetco	13783	27.92		
6	9/4	8:00	20	Chetco	13785	33.99		
7	9/4	8:35	41	Chetco	13788	33.18		
8	9/4	9:20	46	Chetco	13794	33.60		
9	9/4	9:31	22	Chetco	13801	32.67		
10	9/4	9:42	51	Chetco	13802	34.40		
11	9/4	9:52	9519	Chetco	13803	33.25		
12	9/4	10:03	20	Chetco	13806	34.14		
13	9/4	10:30	41	Chetco	13810	33.30		
14	9/4	10:52	46	Chetco	13814	32.81		
15	9/4	11:10	22	Chetco	13816	35.24		
16	9/4	11:17	51	Chetco	13817	35.01		
17	9/4	11:45	20	Chetco	13823	33.91		
18	9/4	11:55	9519	Chetco	13827	31.10		
19	9/4	12:25	41	Chetco	13829	34.44		
20	9/4	12:36	46	Chetco	13834	34.47		
21	9/4	13:08	22	Chetco	13841	34.63		
22	9/4	13:22	51	Chetco	13846	33.67		
23	9/4	13:36	20	Chetco	13847	33.65		
24	9/4	13:49	9519	Chetco	13849	31.78		
25	9/4	14:08	41	Chetco	13852	33.90		
26	9/4	14:22	46	Chetco	13853	32.66		
27	9/4	14:50	22	Chetco	13856	34.56		
28	9/4	15:00	51	Chetco	13857	32.64		
29	9/4	15:20	19	Chetco	13861	32.80		
30	9/4	15:30	20	Chetco	13862	34.24		
31	9/4	15:40	9519	Chetco	13863	30.49		
32	9/4	15:58	41	Chetco	13867	33.47		
33	9/4	16:15	22	Chetco	13868	33.28		
34	9/4	16:25	51	Chetco	13869	34.41	**1,134.93**	
1	9/5	6:16	51	Chetco	13873	33.27		
2	9/5	6:36	41	Chetco	13876	34.96		
3	9/5	7:02	19	Chetco	13877	32.88		
4	9/5	7:07	22	Chetco	13880	34.33		
5	9/5	7:35	9519	Chetco	13887	31.07		
6	9/5	7:50	20	Chetco	13890	33.74		
7	9/5	8:05	51	Chetco	13894	35.62		
8	9/5	8:22	41	Chetco	13898	34.38		
9	9/5	8:45	19	Chetco	13901	33.12		
10	9/5	9:00	22	Chetco	13904	31.83		
11	9/5	9:14	9519	Chetco	13906	31.98		
12	9/5	9:30	20	Chetco	13909	33.34		
13	9/5	9:42	51	Chetco	13912	33.62		
14	9/5	10:05	41	Chetco	13915	34.12		
15	9/5	10:20	19	Chetco	13917	32.45		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total (tons)	Barge Total (tons)
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons		
16	9/5	10:32	46	Chetco	13919	32.56		
17	9/5	10:45	22	Chetco	13923	33.63		
18	9/5	10:53	9519	Chetco	13925	30.90		
19	9/5	11:05	20	Chetco	13927	33.39		
20	9/5	11:25	51	Chetco	13939	33.45		
21	9/5	12:00	41	Chetco	13943	32.45		
22	9/5	12:15	19	Chetco	13945	33.49		
23	9/5	12:25	46	Chetco	13950	34.18		
24	9/5	12:45	22	Chetco	13958	34.44		
25	9/5	13:00	9519	Chetco	13961	34.33		
26	9/5	13:10	20	Chetco	13964	33.61		
27	9/5	13:21	51	Chetco	13967	33.27		
28	9/5	13:44	41	Chetco	13970	31.28		
29	9/5	14:05	19	Chetco	13973	33.55		
30	9/5	14:20	46	Chetco	13975	30.12		
31	9/5	14:31	22	Chetco	13976	32.96		
32	9/5	14:45	9519	Chetco	13979	34.22		
33	9/5	14:55	20	Chetco	13982	33.11		
34	9/5	15:10	51	Chetco	13983	32.47		
35	9/5	15:25	41	Chetco	13986	33.95		
36	9/5	15:46	19	Chetco	139885	32.18		
37	9/5	16:00	46	Chetco	13987	32.16	**1,226.41**	
1	9/8	6:57	22	Chetco	14019	33.38		
2	9/8	7:03	9519	Chetco	14020	30.38		
3	9/8	7:23	41	Chetco	14024	34.04		
4	9/8	7:31	20	Chetco	14025	33.24		**2,392.27**
5	9/8	8:15	19	Umpqua	14033	32.72		
6	9/8	8:32	22	Umpqua	14036	34.95		
7	9/8	8:42	9519	Umpqua	14039	30.90		
8	9/8	9:02	20	Umpqua	14040	33.79		
9	9/8	9:15	41	Umpqua	14043	34.05		
10	9/8	9:26	46	Umpqua	14045	32.17		
11	9/8	9:54	19	Umpqua	14050	32.93		
12	9/8	10:24	9519	Umpqua	14057	31.54		
13	9/8	10:34	22	Umpqua	14058	33.88		
14	9/8	10:51	20	Umpqua	14062	33.67		
15	9/8	10:59	41	Umpqua	14064	34.09		
16	9/8	11:20	46	Umpqua	14065	33.53		
17	9/8	11:32	25	Umpqua	14067	30.47		
18	9/8	11:42	19	Umpqua	14070	36.00		
19	9/8	12:08	9519	Umpqua	14074	30.75		
20	9/8	12:21	22	Umpqua	14075	35.29		
21	9/8	12:40	20	Umpqua	14077	33.86		
22	9/8	12:52	41	Umpqua	14080	33.72		
23	9/8	13:07	46	Umpqua	14084	32.11		
24	9/8	13:26	25	Umpqua	14088	31.87		
25	9/8	13:43	19	Umpqua	14091	33.53		
26	9/8	13:52	9519	Umpqua	14093	30.21		
27	9/8	14:03	22	Umpqua	14095	34.19		
28	9/8	14:20	20	Umpqua	14099	34.35		
29	9/8	14:30	41	Umpqua	14102	33.85		
30	9/8	14:39	46	Umpqua	14104	32.02		
31	9/8	14:58	25	Umpqua	14108	36.32		
32	9/8	15:15	19	Umpqua	14110	32.84		
33	9/8	15:24	9519	Umpqua	14112	33.83		
34	9/8	15:41	22	Umpqua	14114	29.27	**1,123.74**	

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total (tons)	Barge Total (tons)
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons		
1	9/9	6:21	46	Umpqua	14123	32.30		
2	9/9	6:31	41	Umpqua	14124	32.59		
3	9/9	6:40	19	Umpqua	14126	31.60		
4	9/9	6:48	22	Umpqua	14127	33.41		
5	9/9	7:06	9519	Umpqua	14130	30.56		
6	9/9	7:15	20	Umpqua	14132	33.86		
7	9/9	7:30	25	Umpqua	14133	28.91		
8	9/9	7:57	46	Umpqua	14137	31.80		
9	9/9	8:12	41	Umpqua	14140	33.42		
10	9/9	8:32	19	Umpqua	14143	35.69		
11	9/9	8:43	22	Umpqua	14145	31.82		
12	9/9	8:59	9519	Umpqua	14148	31.57		
13	9/9	9:07	20	Umpqua	14149	33.54		
14	9/9	9:16	25	Umpqua	14153	27.59		
15	9/9	9:26	46	Umpqua	14154	33.20		
16	9/9	9:44	41	Umpqua	14155	34.83		
17	9/9	10:03	19	Umpqua	14161	32.69		
18	9/9	10:15	22	Umpqua	14163	32.06		
19	9/9	10:31	9519	Umpqua	14164	32.84		
20	9/9	10:39	20	Umpqua	14168	33.50		
21	9/9	10:51	25	Umpqua	14173	32.49		
22	9/9	11:02	46	Umpqua	14175	32.88		
23	9/9	11:51	41	Umpqua	14185	33.80		
24	9/9	12:02	22	Umpqua	14186	32.60		
25	9/9	12:16	19	Umpqua	14190	32.64		
26	9/9	12:29	9519	Umpqua	14194	30.17		
27	9/9	12:37	20	Umpqua	14198	33.23		
28	9/9	12:46	25	Umpqua	14199	30.47		
29	9/9	13:02	46	Umpqua	14204	33.57		
30	9/9	13:23	41	Umpqua	14209	33.08		
31	9/9	13:39	22	Umpqua	14216	34.56		
32	9/9	14:16	9519	Umpqua	14219	29.33		
33	9/9	14:24	20	Umpqua	14220	33.68		
34	9/9	14:41	46	Umpqua	14227	34.06		
35	9/9	15:03	41	Umpqua	14228	33.07		
36	9/9	15:20	22	Umpqua	14230	35.51	**1,172.92**	
1	9/10	6:18	46	Umpqua	14240	32.35		
2	9/10	6:28	41	Umpqua	14241	33.51		
3	9/10	6:40	19	Umpqua	14242	33.02		
4	9/10	6:51	9519	Umpqua	14244	31.43		
5	9/10	7:03	22	Umpqua	14247	33.64		
6	9/10	7:58	46	Umpqua	14257	33.65		
7	9/10	8:54	41	Umpqua	14267	33.10		
8	9/10	9:04	22	Umpqua	14269	32.62		
9	9/10	9:18	19	Umpqua	14274	32.97		
10	9/10	9:36	9519	Umpqua	14278	31.30		
11	9/10	9:51	46	Umpqua	14279	32.99		
12	9/10	10:26	41	Umpqua	14281	33.61		
13	9/10	10:40	22	Umpqua	14284	32.84	**427.03**	**2,592.65**
1	9/11	7:15	46	Reedsport	14342	32.20		
2	9/11	7:38	19	Reedsport	14347	32.92		
3	9/11	7:54	9519	Reedsport	14349	30.25		
4	9/11	8:04	22	Reedsport	14350	32.14		
5	9/11	8:29	41	Reedsport	14354	34.04		
6	9/11	8:41	46	Reedsport	14355	33.24		
7	9/11	9:05	19	Reedsport	14361	32.47		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total	Barge Total
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons	(tons)	(tons)
8	9/11	9:19	9519	Reedsport	14366	35.21		
9	9/11	9:34	22	Reedsport	14369	31.08		
10	9/11	10:00	41	Reedsport	14374	33.25		
11	9/11	10:14	51	Reedsport	14377	31.32		
12	9/11	10:21	13	Reedsport	14378	33.22		
13	9/11	10:33	46	Reedsport	14380	33.21		
14	9/11	10:49	19	Reedsport	14383	32.52		
15	9/11	11:00	9519	Reedsport	14385	30.13		
16	9/11	11:30	22	Reedsport	14387	32.92		
17	9/11	11:42	41	Reedsport	14390	34.30		
18	9/11	11:52	51	Reedsport	14395	32.96		
19	9/11	12:01	13	Reedsport	14397	31.45		
20	9/11	12:14	46	Reedsport	14401	33.24		
21	9/11	12:25	19	Reedsport	14407	32.30		
22	9/11	12:39	9519	Reedsport	14409	29.86		
23	9/11	13:00	22	Reedsport	14413	33.00	**747.23**	
1	9/12	6:11	46	Reedsport	14434	33.13		
2	9/12	6:27	13	Reedsport	14435	32.58		
3	9/12	6:40	41	Reedsport	14445	32.30		
4	9/12	6:52	19	Reedsport	14448	33.14		
5	9/12	7:01	9519	Reedsport	14449	32.17		
6	9/12	7:12	22	Reedsport	14452	34.47		
7	9/12	7:31	46	Reedsport	14456	32.92		
8	9/12	7:49	51	Reedsport	14459	33.99		
9	9/12	8:12	13	Reedsport	14465	31.82		
10	9/12	8:22	41	Reedsport	14467	33.38		
11	9/12	8:38	19	Reedsport	14472	31.36		
12	9/12	8:50	9519	Reedsport	14544	31.21		
13	9/12	9:01	22	Reedsport	14473	34.35		
14	9/12	9:09	46	Reedsport	14474	33.14		
15	9/12	9:22	51	Reedsport	14478	33.90		
16	9/12	9:35	13	Reedsport	14483	36.21		
17	9/12	10:05	41	Reedsport	14485	37.75		
18	9/12	10:18	19	Reedsport	14486	33.59		
19	9/12	10:27	22	Reedsport	14489	34.05		
20	9/12	10:42	9519	Reedsport	14493	30.99		
21	9/12	10:53	46	Reedsport	14494	32.42		
22	9/12	11:08	51	Reedsport	14496	35.24		
23	9/12	11:20	13	Reedsport	14508	29.91		
24	9/12	11:51	41	Reedsport	14499	31.02		
25	9/12	12:02	19	Reedsport	14510	32.79		
26	9/12	12:12	22	Reedsport	14519	31.10		
27	9/12	12:21	9519	Reedsport	14521	33.33		
28	9/12	12:30	9503	Reedsport	14514	33.01		
29	9/12	12:40	46	Reedsport	14520	33.96		
30	9/12	12:55	51	Reedsport	14524	33.75		
31	9/12	13:30	41	Reedsport	14532	34.55		
32	9/12	13:45	19	Reedsport	14539	33.05		
33	9/12	16:15	46	Reedsport	14553	35.95	**1,096.53**	**1,843.76**
1	10/10	7:32	13	47	16623	32.21		
2	10/10	7:53	20	47	16621	32.61		
3	10/10	8:02	9517	47	16626	31.84		
4	10/10	8:11	9519	47	16628	32.99		
5	10/10	8:21	9713	47	16635	32.20		
6	10/10	8:30	3	47	16638	33.72		
7	10/10	9:02	20	47	16641	32.97		

Table 2
Offloading Facility Tracking Log

Recorded at Transfer Station					Recorded at Landfill		Daily Total (tons)	Barge Total (tons)
Load	**Date**	**Time Out**	**Truck No.**	**Barge**	**TICKET #**	**Tons**		
8	10/10	9:20	9519	47	16643	32.51		
9	10/10	9:38	9517	47	16646	22.80		
10	10/10	9:47	9713	47	16648	32.60		
11	10/10	9:58	3	47	16650	34.35		
12	10/10	10:10	20	47	16652	25.76		
13	10/10	15:07	13	47	16695	27.64	**404.20**	**404.20**
PROJECT TOTALS						**20,474.53**	**20,474.53**	**20,474.53**

Table 3
Terminal 4 Removal Action Material Placement Log Summary

Date	Material Barge	Material Wt in Tons (1)		Material Volume in CY (2)		Total Work Hours		Placement Area
		Day	Total	Day	Total	Day	Total	
12-Sep-08	RI 14	648	648	480	480	10.0	10.0	Sand Layer
13-Sep-08	RI 14	270	918	200	680			Sand Layer
	RI 15	147	1,065	109	789	8.0	18.0	Type 3 Cap material
15-Sep-08	RI 15	380	1,445	281	1,070	11.5	29.5	Type 3 Cap material
16-Sep-08	RI 14	230	1,675	170	1,240			Sand Layer
	Chetco	179	1,854	112	1,352	11.0	40.5	Type 3 Armor Placement
17-Sep-08	Chetco	1,000	2,854	625	1,977	11.0	51.5	Type 3 Armor Placement
18-Sep-08	Chetco	716	3,570	448	2,425	11.5	63.0	Type 3 Armor Placement
24-Sep-08	RI 15 (3)	324	3,894	240	2,665			Type 3 Cap material
	RI 15	257	4,150	190	2,855	8.0	71.0	Type 2 Sand
25-Sep-08	RI 15	149	4,299	110	2,965			Type 2 Sand
	#47	115	4,414	72	3,037	9.5	80.5	Removed slope riprap replaced on Type 2 Sand
30-Sep-08	Reedsport	450	4,864	281	3,318	9.5	90.0	Type 3 Armor Placement
1-Oct-08	Reedsport	360	5,224	225	3,543	9.0	99.0	Type 3 Armor Placement

Notes:

(1) Estimated from barge displacement and bucket counts

(2) Estimated assuming 1.35 tons/cy and barge displacement tonnage

(3) Type 3 Cap material placed 9/23 and 9/24.

Sand layer in tons	1,148
Type 3 cap quantity in tons	851
Type 3 armor quantity in tons	2,705
Type 2 cap quantity in tons	405
Reused riprap in tons	115

ATTACHMENT A

DAILY CONSTRUCTION MONITORING REPORTS FOR DREDGING AND CAPPING: (NONE)

ATTACHMENT B

DAILY CONSTRUCTION MONITORING REPORTS FOR WHEELER BAY

Ash Creek Associates, Inc.
Environmental and Geotechnical Consultants
9615 SW Allen Boulevard, Suite 106
Portland, Oregon 97005-4814
wwwashcreekassociates.com
Portland (503) 924-4704
Vancouver (360) 567-3977
Fax (503) 924-4707

PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	46		
PAGE	1	OF	2
DATE	10/6/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	1145
LOCATION	Terminal 4	DEPARTURE TIME	1310
CLIENT	Port of Portland	WEATHER	occ lt rain 65F; Winds: light
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	H. Clough	ASH CREEK PROJECT MANAGER	H. Clough
SUBCONTRACTOR	Envirocon	SUBCONTRACTOR REP.	S. Simpson

Our firm's professionals are represented on site solely to observe operations of the subcontractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve any subcontractor from its obligation to meet contractual requirements. The subcontractor retains sole responsibility for site safety and the methods, operations, and sequence of construction. Unless signed by the Ash Creek Associates Project Manager, this report is preliminary. A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those included in preliminary report.

DAILY INSPECTION LOG:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Site Preparation					
Erosion Control Installation			X		
Clearing and Grubbing			X		
Load Out Excess Cut			X		
Debris Clear of Excess Soil			X		
Shoreline Stabilization					
Sub-grade Cut and Fill			X		
Demarcation Layer			X		
Select Fill			X		
Filter Fabric			X		
Armor (ODOT Class 100)			X		
Material					
Physical/Chemical Testing of Import Material			X		
Visual Inspection	X			X	X
In-place Moisture Density Testing			X		
Compaction Testing			X		
Grading Inspection					
Final Grade 3H:1V in North Portion of Slope			X		
Final Grade 2H:1V in Southern Portion of Slope			X		
Compaction Testing			X		
Vegetation and Groundcover					
Topsoil	X			X	X
Coir Fabric			X		
Shrubs and Plantings			X		
Mulch			X		
Hydroseeding			X		
Habitat Cover			X		
Jute Matting	X			X	X
Habitat Logs and LWD			X		

COMMENTS:

Installing Jute mat in top trench 3+00 to 5+00; Placing topsoil El. 20 to 30 1+50 to 3+00

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PROJECT NUMBER 1066-04
FIELD REPORT NUMBER 46
PAGE 2 OF 2
DATE 10/6/2008

DAILY INSPECTION LOG CONT'D:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Temporary Erosion and Sediment Control (TESC)					
TESC Measures	X				
SW Runoff			X		
Surface Water Quality (Tier I: visible sheen and/or turbidity)			X		
Other TESC Measures:			X		
Site Conditions					
Equipment	X				
Signage	X				
Restricted Area Fence	X				
Stockpile	X				
Other Site Conditions:			X		
Environmental Protection Measures					
Noise Prevention	X				
Dust Prevention	X				
Diesel Exhaust	X				
Prevention of Off-site Tracking of Sediment	X				
Fuel Storage and Fuel Transfers			X		
Fertilizer Application			X		
Other Environmental Protection Measures:			X		

Health and Safety	YES	NO	SEE ENVIROCON REPORT	SEE BELOW
Safety Tailgate Meeting	X			
Accidents		X		
Illnesses		X		
Near-miss Incidents		X		
Corrective Action		X		
Other Safety and Health Issues:		X		

Day's Activities:

Placing Jute mat and topsoil.

BY

H. Clough
ASH CREEK ASSOCIATES REPRESENTATIVE

REVIEWED BY

H. Clough
ASH CREEK ASSOCIATES PROJECT MANAGER

DAILY CONSTRUCTION & CQC REPORT

T4 Wheeler Bay Stabilization - PROJECT #1473800

ENVIROCON

Weather:			Report Information.:	
Max Temp: __71___	Site Conditions:	Intermittent Rain	Date:	10/6/2008
Min Temp: __50___	Winds:	Breezy	Week Day:	Monday
	Precipitation	Light	Shift:	7AM-6:00PM

Report Prepared By:

Personnel	WBS Task	Hours	Start	Finish	Equip	No.	Run	Stdby	WBS Task Code	Comments
WES JENSEN	301	10.5	7AM	6:00 PM	HM300 ARTIC	Modern	0		301	Off Rent
GEORGE LOTZE	2201	10.5	7AM	6:00 PM						
SCOTT LAW	301	10.5		6:00 PM	PC200 EXC.	3366	2		301	Stockpile Manage
					WATER TRUCK	United	0		301	Off Rent
MATTHEW PATCHING	301	10.5	7AM	6:00 PM	JD310 BACKHOE	1196	9		301	Jute Anchor Trench
SUZANNE STARKEY										
SKIP SIMPSON										

DESCRIPTION OF WORK (detail below):

Import and place topsoil, Elev 20.0-30.0.

Install anchor trench and anchor jute matting, stored rolled up at top of slope.

HASP air monitoring terminated because wet conditions preclude dust.

DOWNTIME OR DELAYS:

Limited delivery of topsoil.

MATERIAL PLACED:

MATERIAL	STA (START)		STA (STOP)		QTY.	QTY. TO DATE	APPROVED SOURCE	TECHNICAL SPECIFICATION NO.
	STA	OFFSET	STA	OFFSET				
Demarcation Layer								Addendum No. 1 312000-4
Select Fill								312000-3 (2.3)
Armor Type 3								312000-3 (2.5)
Habitat Cover								312000-3 (2.6)
Topsoil	2+15		3+00				X	329119-2 (2.5)
Topsoil	1+45		1+72		110	1518	X	329119-2 (2.5)
Coir Fabric								329119-2 (2.2)
Jute Matting								329119-2 (2.1)
Mulch								329300-4 (2.2)
Habitat Logs								353200-3 (3.3)
Shrubs & Plantings								329300
Hydroseeding								329219
Geotextile fabric								

COMMENTS (Material Delivered-Removed/Qty.):

110 CY Topsoil.

159.66 tons habitat rock, added to stockpile of ~227 BCY.

DAILY INSPECTION LOG:

TYPE	TECHNICAL SPECIFICATION NO.	LOCATION / NATURE OF DEFECT	CORRECTIVE ACTION TAKEN OR PROPOSED	COMMENTS
TESC				
Signage				
Restricted Area Fence				

SAFETY STATUS:

Accidents (if any):	
Illnesses (if any):	
Near-miss Incidents (if any):	
Corrective Action (if any):	
Other:	

Signature Verifying Above:

DRAFT

PORT OF PORTLAND

DAILY DIARY

PROJECT T4 RA PH-1: Wheeler Bay Stabilization **CONTRACT NO.** 820027/2008D001

CONTRACTOR Ash Creek Associates, Inc./Envirocon **SUPERINTENDENT** George Lotze

DAY OF WEEK & DATE: Mon., Oct 6, 2008 **REPORT NO.** 46

WEATHER Partial clouds, no showers **TEMPERATURE** 56L 71H

NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:

Envirocon:
Rick Martin: Foreman/Surveyor
Matt Patching: Operator
Wes Jensen: Operator

MAJOR EQUIPMENT ON JOB (Size/capacity and hours):

Kamatsu HM 30 (Off Road Dump Truck-rental)
International Water Truck (4000gal-rental)
John Deere 410 (Backhoe)
Kamatsu PC 200 (Trac-hoe w/thumb)
Kamatsu WA250 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

(07:30-14:30) Contractor's working hours at Wheeler Bay

Contractor delivered to Wheeler Bay 272T of habitat cover, 110cuyds and top soil.

Contractor completed cutting bank removing temp. roadway from top of bank to toe of slope (approx. sta 3+50) and placed demarcation fencing on top of subgrade. Crew placing approved top soil using conveyor belt trucks broadcasting material between elevations 15 to top of slope. 2' of mat'l placed on top of demarcation fencing from elev 15-20, followed by 1' of top soil also placed on demarcation fencing from elev 20 to top of slope.
Coir fabric installed per dwg detail 1/L2.

WA250 loading HM30 with existing top soil (stockpiled next to contractor's connex trailer) and dumping/stockpiling material top of bank at approx. sta. 4+40 which will be eventually spread out and graded.

Dust abatement, by applying water, is applied all day long by water truck, including all on-site dirt roadways. Port supplied a water meter for Envirocon when filling up water truck using Port owned fire hydrant.

TESTING LABORATORY ON SITE: **HRS:**

TESTS PERFORMED:

PHONE LOG:

SITE PHOTOS/VIDEOS TAKEN:

FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:

INSPECTOR Philipp G. Bales HRS DATE 10-6-8
(signature on hardcopy)

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PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	47		
PAGE	1	OF	2
DATE	10/7/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	1145
LOCATION	Terminal 4	DEPARTURE TIME	1310
CLIENT	Port of Portland	WEATHER	occ lt rain 65F; Winds: light
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	S. Gray	ASH CREEK PROJECT MANAGER	H. Clough
SUBCONTRACTOR	Envirocon	SUBCONTRACTOR REP.	S. Simpson

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DAILY INSPECTION LOG:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Site Preparation					
Erosion Control Installation			X		
Clearing and Grubbing			X		
Load Out Excess Cut			X		
Debris Clear of Excess Soil			X		
Shoreline Stabilization					
Sub-grade Cut and Fill			X		
Demarcation Layer			X		
Select Fill			X		
Filter Fabric			X		
Armor (ODOT Class 100)			X		
Material					
Physical/Chemical Testing of Import Material			X		
Visual Inspection	X			X	X
In-place Moisture Density Testing			X		
Compaction Testing			X		
Grading Inspection					
Final Grade 3H:1V in North Portion of Slope			X		
Final Grade 2H:1V in Southern Portion of Slope			X		
Compaction Testing			X		
Vegetation and Groundcover					
Topsoil	X			X	X
Coir Fabric			X		
Shrubs and Plantings	X			X	X
Mulch			X		
Hydroseeding			X		
Habitat Cover			X		
Jute Matting	X			X	X
Habitat Logs and LWD			X		

COMMENTS:

Installing Jute mat in top trench below 3+00; Placing topsoil El. 20 to 30 1+50 to 3+00; planting trees 1+50 to 3+00

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PROJECT NUMBER 1066-04
FIELD REPORT NUMBER 47
PAGE 2 OF 2
DATE 10/7/2008

DAILY INSPECTION LOG CONT'D:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Temporary Erosion and Sediment Control (TESC)					
TESC Measures	X				
SW Runoff			X		
Surface Water Quality (Tier I: visible sheen and/or turbidity)			X		
Other TESC Measures: _____			X		
Site Conditions					
Equipment	X				
Signage	X				
Restricted Area Fence	X				
Stockpile	X				
Other Site Conditions: _____			X		
Environmental Protection Measures					
Noise Prevention	X				
Dust Prevention	X				
Diesel Exhaust	X				
Prevention of Off-site Tracking of Sediment	X				
Fuel Storage and Fuel Transfers			X		
Fertilizer Application			X		
Other Environmental Protection Measures: _____			X		

Health and Safety	YES	NO	SEE ENVIROCON REPORT	SEE BELOW
Safety Tailgate Meeting	X			
Accidents		X		
Illnesses		X		
Near-miss Incidents		X		
Corrective Action		X		
Other Safety and Health Issues: _____		X		

Day's Activities:

Placing Jute mat, topsoil, and trees.

BY

S. Gray
ASH CREEK ASSOCIATES REPRESENTATIVE

REVIEWED BY

H. Clough
ASH CREEK ASSOCIATES PROJECT MANAGER

DAILY CONSTRUCTION & CQC REPORT

T4 Wheeler Bay Stabilization - PROJECT #1473800

ENVIROCON

Weather:			Report Information.:	
Max Temp: __70___	Site Conditions:	Intermittent Rain	Date:	10/7/2008
Min Temp: __56___	Winds:	Breezy	Week Day:	Tuesday
	Precipitation	Light	Shift:	7AM-6:00PM

Report Prepared By:

Personnel	WBS Task	Hours	Start	Finish	Equip	No.	Run	Stdby	WBS Task Code	Comments
WES JENSEN	301	9.5	7AM	5:00 PM	HM300 ARTIC	Modern	0		301	Off Rent
GEORGE LOTZE	2201									
SCOTT LAW	301	9.5	7AM	5:00 PM	PC200 EXC.	3366	2		301	Manage Stockpile
					Water Buff	11047	2		301	Dust Control
MATTHEW PATCHING	301	9.5	7AM	5:00 PM	JD310 BACKHOE	1196	1		301	Backfill Anchor Trench
SUZANNE STARKEY										
SKIP SIMPSON										

DESCRIPTION OF WORK (detail below):

Import and place topsoil, Elev 15.0-30.0.

Place Coir & plant trees.

HASP air monitoring terminated because wet conditions preclude dust.

DOWNTIME OR DELAYS:

Limited delivery of topsoil.

MATERIAL PLACED:

MATERIAL	STA (START)		STA (STOP)		QTY.	QTY. TO DATE	APPROVED SOURCE	TECHNICAL SPECIFICATION NO.
	STA	OFFSET	STA	OFFSET				
Demarcation Layer								Addendum No. 1 312000-4
Select Fill								312000-3 (2.3)
Armor Type 3								312000-3 (2.5)
Habitat Cover								312000-3 (2.6)
Topsoil	1+45		3+00		132	1690	X	329119-2 (2.5)
Coir Fabric	1+45		3+00		281		X	329119-2 (2.2)
Jute Matting								329119-2 (2.1)
Mulch								329300-4 (2.2)
Habitat Logs								353200-3 (3.3)
Shrubs & Plantings	1+45		3+00		16	543	X	329300
Hydroseeding								329219
Geotextile fabric								

COMMENTS (Material Delivered-Removed/Qty.):

132 CY Topsoil.

304.09 tons habitat rock..

DAILY INSPECTION LOG:

TYPE	TECHNICAL SPECIFICATION NO.	LOCATION / NATURE OF DEFECT	CORRECTIVE ACTION TAKEN OR PROPOSED	COMMENTS
TESC				
Signage				
Restricted Area Fence				

SAFETY STATUS:

Accidents (if any):	
Illnesses (if any):	
Near-miss Incidents (if any):	
Corrective Action (if any):	
Other:	

Signature Verifying Above:

DRAFT

PORT OF PORTLAND

DAILY DIARY

PROJECT T4 RA PH-1: Wheeler Bay Stabilization **CONTRACT NO.** 820027/2008D001

CONTRACTOR Ash Creek Associates, Inc./Envirocon **SUPERINTENDENT** George Lotze

DAY OF WEEK & DATE: Tues., Oct 7, 2008 **REPORT NO.** 47

WEATHER Partial clouds, showers **TEMPERATURE** 556L 70H

NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:

Envirocon:
Rick Martin: Foreman/Surveyor
Matt Patching: Operator
Wes Jensen: Operator

MAJOR EQUIPMENT ON JOB (Size/capacity and hours):

Kamatsu HM 30 (Off Road Dump Truck-rental)
International Water Truck (4000gal-rental)
John Deere 410 (Backhoe)
Kamatsu PC 200 (Trac-hoe w/thumb)
Kamatsu WA250 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

(07:00-17:30) Contractor's working hours at Wheeler Bay

Today, Contractor delivered to Wheeler Bay 304T of habitat cover, 132 cuyds of top soil.

Contractor completed cutting bank and removed temp. roadway from top of bank to toe of slope (approx. sta 3+50) and placed demarcation fencing on top of subgrade. Crew placing approved top soil using conveyor belt trucks broadcasting material between elevations 15 to top of slope. 2' of mat'l placed on top of demarcation fencing from elev 15-20, followed by 1' of top soil also placed on demarcation fencing from elev 20 to top of slope.
Coir fabric installed per dwg detail 1/L2.

WA250 loading HM30 with existing top soil (stockpiled next to contractor's connex trailer) and dumping/stockpiling material top of bank at approx. sta. 4+40 which will be eventually spread out and graded.

Dust abatement, by applying water, is applied all day long by water truck, including all on-site dirt roadways. Port supplied a water meter for Envirocon when filling up water truck using Port owned fire hydrant.

TESTING LABORATORY ON SITE: **HRS:**

TESTS PERFORMED:

PHONE LOG:

SITE PHOTOS/VIDEOS TAKEN:

FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:

INSPECTOR Philipp G. Bales HRS DATE 10-7-8
(signature on hardcopy)

Ash Creek Associates, Inc.
Environmental and Geotechnical Consultants
9615 SW Allen Boulevard, Suite 106
Portland, Oregon 97005-4814
wwwashcreekassociates.com
Portland (503) 924-4704
Vancouver (360) 567-3977
Fax (503) 924-4707

PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	48		
PAGE	1	OF	2
DATE	10/8/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	1350
LOCATION	Terminal 4	DEPARTURE TIME	1420
CLIENT	Port of Portland	WEATHER	sunny 65F; Winds: light
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	H. Clough	ASH CREEK PROJECT MANAGER	H. Clough
SUBCONTRACTOR	Envirocon	SUBCONTRACTOR REP.	S. Simpson

Our firm's professionals are represented on site solely to observe operations of the subcontractor identified, to form opinions about the adequacy of those operations, and to report those opinions to our client. The presence and activities of our field representative do not relieve any subcontractor from its obligation to meet contractual requirements. The subcontractor retains sole responsibility for site safety and the methods, operations, and sequence of construction. Unless signed by the Ash Creek Associates Project Manager, this report is preliminary. A preliminary report is provided solely as evidence that field observation was performed. Observations and/or conclusions and/or recommendations conveyed in the final report may vary from and shall take precedence over those included in preliminary report.

DAILY INSPECTION LOG:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Site Preparation					
Erosion Control Installation			X		
Clearing and Grubbing			X		
Load Out Excess Cut			X		
Debris Clear of Excess Soil			X		
Shoreline Stabilization					
Sub-grade Cut and Fill			X		
Demarcation Layer			X		
Select Fill			X		
Filter Fabric			X		
Armor (ODOT Class 100)			X		
Material					
Physical/Chemical Testing of Import Material			X		
Visual Inspection	X			X	X
In-place Moisture Density Testing			X		
Compaction Testing			X		
Grading Inspection					
Final Grade 3H:1V in North Portion of Slope			X		
Final Grade 2H:1V in Southern Portion of Slope			X		
Compaction Testing			X		
Vegetation and Groundcover					
Topsoil	X			X	X
Coir Fabric			X		
Shrubs and Plantings	X			X	X
Mulch	X			X	X
Hydroseeding			X		
Habitat Cover			X		
Jute Matting	X			X	X
Habitat Logs and LWD			X		

COMMENTS:

Installing Jute mat in top trench below 3+00; Placing topsoil El. 20 to 30 1+50 to 3+00 - topsoil now complete;

Plant trees 1+50 to 2+00 - planting now complete

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PROJECT NUMBER 1066-04
FIELD REPORT NUMBER 48
PAGE 2 OF 2
DATE 10/8/2008

DAILY INSPECTION LOG CONT'D:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Temporary Erosion and Sediment Control (TESC)					
TESC Measures	X				
SW Runoff			X		
Surface Water Quality (Tier I: visible sheen and/or turbidity)			X		
Other TESC Measures:			X		
Site Conditions					
Equipment	X				
Signage	X				
Restricted Area Fence	X				
Stockpile	X				
Other Site Conditions:			X		
Environmental Protection Measures					
Noise Prevention	X				
Dust Prevention	X				
Diesel Exhaust	X				
Prevention of Off-site Tracking of Sediment	X				
Fuel Storage and Fuel Transfers			X		
Fertilizer Application			X		
Other Environmental Protection Measures:			X		

Health and Safety	YES	NO	SEE ENVIROCON REPORT	SEE BELOW
Safety Tailgate Meeting	X			
Accidents		X		
Illnesses		X		
Near-miss Incidents		X		
Corrective Action		X		
Other Safety and Health Issues:		X		

Day's Activities:

Placing Jute mat, topsoil, and trees.

BY

H. Clough
ASH CREEK ASSOCIATES REPRESENTATIVE

REVIEWED BY

H. Clough
ASH CREEK ASSOCIATES PROJECT MANAGER

DAILY CONSTRUCTION & CQC REPORT

T4 Wheeler Bay Stabilization - PROJECT #1473800

ENVIROCON

Weather:				Report Information.:	
Max Temp: _58____	Site Conditions:	AM Fog		Date:	10/8/2008
Min Temp: _45____	Winds:	light		Week Day:	Wed
	Precipitation	Mist		Shift:	7AM-6PM

Report Prepared By:

Personnel	WBS Task	Hours	Start	Finish	Equip	No.	Run	Stdby	WBS Task Code	Comments
WES JENSEN	301	10.5	7AM	6PM	HM300 ARTIC	Modern	0		301	Off Rent
GEORGE LOTZE	301	10.5	7AM	6PM						
SCOTT LAW	301	10.5	7AM	6PM	PC200 EXC.	3366	3		301	Manage Stockpile
MATTHEW PATCHING	301	10.5	7AM	6PM	Water Buff	11047	3		301	Dust Control
SKIP SIMPSON					JD310 BACKHOE	1196	7		301	Jute Anchor Trench
SUZANNE STARKEY										

DESCRIPTION OF WORK (detail below):

Topsoil placing completed.

Import, place and grade Topsoil from STA 1+50 to 3+00.

Tree planting completed.

Place mulch STA 0+00 to 1+70.

Excavated jute anchor trench STA 0+00 to 4+75. Began SD manhole hydro test.

DOWNTIME OR DELAYS:

MATERIAL PLACED:

MATERIAL	STA (START)		STA (STOP)		QTY.	QTY. TO DATE	APPROVED SOURCE	TECHNICAL SPECIFICATION NO.
	STA	OFFSET	STA	OFFSET				
Demarcation Layer								Addendum No. 1 312000-4
Select Fill								312000-3 (2.3)
Armor Type 3								312000-3 (2.5)
Habitat Cover								312000-3 (2.6)
Topsoil	1+50		3+00		66	1756	X	329119-2 (2.5)
Coir Fabric								329119-2 (2.2)
Jute Matting								329119-2 (2.1)
Mulch	0+00		1+70		45	45	X	329300-4 (2.2)
Habitat Logs								353200-3 (3.3)
Shrubs & Plantings	1+45		2+05		160	703	X	329300
Hydroseeding								329219

COMMENTS (Material Delivered-Removed/Qty.):

Habitat cover= 453.56 tons

Topsoil= 66 CY

Mulch=45 CY

DAILY INSPECTION LOG:

TYPE	TECHNICAL SPECIFICATION NO.	LOCATION / NATURE OF DEFECT	CORRECTIVE ACTION TAKEN OR PROPOSED	COMMENTS
TESC				
Signage				
Restricted Area Fence				

SAFETY STATUS:

Accidents (if any):	
Illnesses (if any):	
Near-miss Incidents (if any):	
Corrective Action (if any):	
Other:	

Signature Verifying Above: S. Ryan Simpson

PORT OF PORTLAND

DAILY DIARY

PROJECT T4 RA PH-1: Wheeler Bay Stabilization **CONTRACT NO.** 820027/2008D001

CONTRACTOR Ash Creek Associates, Inc./Envirocon **SUPERINTENDENT** George Lotze

DAY OF WEEK & DATE: Wed.-Fri., Oct 8-10, 2008 **REPORT NO.** 48

WEATHER Partial clouds, no showers **TEMPERATURE** 56L 71H

NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:

Envirocon:
Rick Martin: Foreman/Surveyor
Matt Patching: Operator
Wes Jensen: Operator

MAJOR EQUIPMENT ON JOB (Size/capacity and hours):

Kamatsu HM 30 (Off Road Dump Truck-rental)
International Water Truck (4000gal-rental)
John Deere 410 (Backhoe)
Kamatsu PC 200 (Trac-hoe w/thumb)
Kamatsu WA250 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

(07:30-17:30) Contractor's working hours at Wheeler Bay

Crew completed placing all approved top soil using conveyor belt trucks broadcasting material between elevations 15 to top of slope. 2' of mat'l placed on top of demarcation fencing from elev 15-20, followed by 1' of top soil also placed on demarcation fencing from elev 20 to top of slope.
Coir fabric installed per dwg detail 1/L2.

Contractor applied approved hydro seed along slope, entire project, from elevation 20 to top of slope, then covered slope with jute mate. Jute mate installed per dwg detail 5/L-2. Contractor installed temp. fence of rope to keep pedestrian foot traffic off newly placed hydro seeded areas.

WA250 loaded HM30 with all (Port owned) existing top soil (stockpiled next to contractor's connex trailer) and re-located the stockpiled material to top of bank at approx. sta. 4+40, and started to spread out and grade soil as described in CC:8 with sketch.

Dust abatement, by applying water, is applied all day long by water truck, including all on-site dirt roadways. Port supplied a water meter for Envirocon when filling up water truck using Port owned fire hydrant.

Port inspector (PGB) out of office Thurs.,10-9 and Fri., 10-10.

TESTING LABORATORY ON SITE: _____ **HRS:** _____

TESTS PERFORMED: _____

PHONE LOG:

SITE PHOTOS/VIDEOS TAKEN:

FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:

PORT OF PORTLAND

DAILY DIARY

PROJECT T4 RA PH-1: Wheeler Bay Stabilization **CONTRACT NO.** 820027/2008D001

CONTRACTOR Ash Creek Associates, Inc./Envirocon **SUPERINTENDENT** George Lotze

DAY OF WEEK & DATE: Wed.-Fri., Oct 8-10, 2008 **REPORT NO.** 48

WEATHER Partial clouds, no showers **TEMPERATURE** 56L 71H

INSPECTOR Philipp G. Bales HRS DATE 10-10-8

(signature on hardcopy)

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PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	49		
PAGE	1	OF	2
DATE	10/9/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	1305
LOCATION	Terminal 4	DEPARTURE TIME	1325
CLIENT	Port of Portland	WEATHER	overcast 60F; Winds: light
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	S. Gray	ASH CREEK PROJECT MANAGER	H. Clough
SUBCONTRACTOR	Envirocon	SUBCONTRACTOR REP.	S. Simpson

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DAILY INSPECTION LOG:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Site Preparation					
Erosion Control Installation			X		
Clearing and Grubbing			X		
Load Out Excess Cut			X		
Debris Clear of Excess Soil			X		
Shoreline Stabilization					
Sub-grade Cut and Fill			X		
Demarcation Layer			X		
Select Fill			X		
Filter Fabric			X		
Armor (ODOT Class 100)			X		
Material					
Physical/Chemical Testing of Import Material			X		
Visual Inspection			X		
In-place Moisture Density Testing			X		
Compaction Testing			X		
Grading Inspection					
Final Grade 3H:1V in North Portion of Slope			X		
Final Grade 2H:1V in Southern Portion of Slope			X		
Compaction Testing			X		
Vegetation and Groundcover					
Topsoil			X		
Coir Fabric			X		
Shrubs and Plantings			X		
Mulch	X			X	X
Hydroseeding	X			X	X
Habitat Cover			X		
Jute Matting	X			X	X
Habitat Logs and LWD			X		

COMMENTS:

Installing Jute mat throughout - some stapling remains; hydroseed entire project El. 20 to 30;

Remainder of mulch placed El 15 to 20

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PROJECT NUMBER 1066-04
FIELD REPORT NUMBER 49
PAGE 2 OF 2
DATE 10/9/2008

DAILY INSPECTION LOG CONT'D:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Temporary Erosion and Sediment Control (TESC)					
TESC Measures	X				
SW Runoff			X		
Surface Water Quality (Tier I: visible sheen and/or turbidity)			X		
Other TESC Measures: _____			X		
Site Conditions					
Equipment	X				
Signage	X				
Restricted Area Fence	X				
Stockpile	X				
Other Site Conditions: _____			X		
Environmental Protection Measures					
Noise Prevention	X				
Dust Prevention	X				
Diesel Exhaust	X				
Prevention of Off-site Tracking of Sediment	X				
Fuel Storage and Fuel Transfers			X		
Fertilizer Application			X		
Other Environmental Protection Measures: _____			X		

Health and Safety	YES	NO	SEE ENVIROCON REPORT	SEE BELOW
Safety Tailgate Meeting	X			
Accidents		X		
Illnesses		X		
Near-miss Incidents		X		
Corrective Action		X		
Other Safety and Health Issues: _____		X		

Day's Activities:

Placing Jute mat, mulch, and hydroseed.

BY

S. Gray
ASH CREEK ASSOCIATES REPRESENTATIVE

REVIEWED BY

H. Clough
ASH CREEK ASSOCIATES PROJECT MANAGER

DAILY CONSTRUCTION & CQC REPORT

T4 Wheeler Bay Stabilization - PROJECT #1473800

ENVIROCON

Weather:				Report Information.:	
Max Temp:	_58____	Site Conditions:	Cloudy	Date:	10/9/2008
Min Temp:	_44____	Winds:	Light	Week Day:	Thursday
		Precipitation	Showers	Shift:	7AM-6PM

Report Prepared By:

Personnel	WBS Task	Hours	Start	Finish	Equip	No.	Run	Stdby	WBS Task Code	Comments
WES JENSEN	301	10.5	7AM	6PM	HM300 ARTIC	Modern	0		301	Off Rent
GEORGE LOTZE	301	10.5	7AM	12PM						
SCOTT LAW	301	10.5	7AM	6PM	PC200 EXC.	3366	3		301	Manage Stockpile
MATTHEW PATCHING	301	10.5	7AM	6PM	Water Buff	11047	3		301	Dust Control
SKIP SIMPSON					JD310 BACKHOE	1196	7		301	Move Material
SUZANNE STARKEY										

DESCRIPTION OF WORK (detail below):

Mulch placing completed, STA 1+70 t0 7+10, additional around extra plants.

Jute matting placed STA 0+00 to 8+06, stapling not complete.

Performed hydrostatic testing of manhole at STA 7+50 (approximate). In 20 hrs. 15min. water level dropped 1.5 ft. We believe the pick holes were not grouted.

DOWNTIME OR DELAYS:

MATERIAL PLACED:

MATERIAL	STA (START)		STA (STOP)		QTY.	QTY. TO DATE	APPROVED SOURCE	TECHNICAL SPECIFICATION NO.
	STA	OFFSET	STA	OFFSET				
Demarcation Layer								Addendum No. 1 312000-4
Select Fill								312000-3 (2.3)
Armor Type 3								312000-3 (2.5)
Habitat Cover								312000-3 (2.6)
Topsoil								329119-2 (2.5)
Coir Fabric								329119-2 (2.2)
Jute Matting	0+00		8+06		0.55	0.55	X	329119-2 (2.1)
Mulch	0+00		1+70		124	169	X	329300-4 (2.2)
Habitat Logs								353200-3 (3.3)
Shrubs & Plantings								329300
Hydroseeding	-0+10		8+06		0.55	0.55	X	329219

COMMENTS (Material Delivered-Removed/Qty.):

Mulch=124 CY

DAILY INSPECTION LOG:

TYPE	TECHNICAL SPECIFICATION NO.	LOCATION / NATURE OF DEFECT	CORRECTIVE ACTION TAKEN OR PROPOSED	COMMENTS
TESC				
Signage				
Restricted Area Fence				

SAFETY STATUS:

Accidents (if any):	
Illnesses (if any):	
Near-miss Incidents (if any):	
Corrective Action (if any):	
Other:	

Signature Verifying Above:

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PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	50		
PAGE	1	OF	2
DATE	10/10/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	1100
LOCATION	Terminal 4	DEPARTURE TIME	1220
CLIENT	Port of Portland	WEATHER	Ptly cldy 55F; Winds: light
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	H. Clough	ASH CREEK PROJECT MANAGER	H. Clough
SUBCONTRACTOR	Envirocon	SUBCONTRACTOR REP.	S. Simpson

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DAILY INSPECTION LOG:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Site Preparation					
Erosion Control Installation			X		
Clearing and Grubbing			X		
Load Out Excess Cut			X		
Debris Clear of Excess Soil			X		
Shoreline Stabilization					
Sub-grade Cut and Fill			X		
Demarcation Layer			X		
Select Fill			X		
Filter Fabric			X		
Armor (ODOT Class 100)			X		
Material					
Physical/Chemical Testing of Import Material			X		
Visual Inspection			X		
In-place Moisture Density Testing			X		
Compaction Testing			X		
Grading Inspection					
Final Grade 3H:1V in North Portion of Slope			X		
Final Grade 2H:1V in Southern Portion of Slope			X		
Compaction Testing			X		
Vegetation and Groundcover					
Topsoil			X		
Coir Fabric			X		
Shrubs and Plantings			X		
Mulch			X		
Hydroseeding			X		
Habitat Cover			X		
Jute Matting	X			X	X
Habitat Logs and LWD			X		

COMMENTS:

Installing staples in Jute mat - installation complete. Placing Port topsoil and begin grading at top of slope (CC#07).

Met with Andrew Somes of Parametrix, representing EPA, for Substantially Complete walk-through. Only item noted was to restore silt fence along toe of slope.

Removed east RR crossing; began installation of temp. fence to keep foot traffic off hydroseed.

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PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	50		
PAGE	2	OF	2
DATE	10/10/2008		

DAILY INSPECTION LOG CONT'D:

Construction Element	MEETS INSPECTION CRITERIA			SEE ENVIROCON REPORT	SEE BELOW
	YES	NO	NA		
Temporary Erosion and Sediment Control (TESC)					
TESC Measures	X				
SW Runoff			X		
Surface Water Quality (Tier I: visible sheen and/or turbidity)			X		
Other TESC Measures: _____			X		
Site Conditions					
Equipment	X				
Signage	X				
Restricted Area Fence	X				
Stockpile	X				
Other Site Conditions: _____			X		
Environmental Protection Measures					
Noise Prevention	X				
Dust Prevention	X				
Diesel Exhaust	X				
Prevention of Off-site Tracking of Sediment	X				
Fuel Storage and Fuel Transfers			X		
Fertilizer Application			X		
Other Environmental Protection Measures: _____			X		

Health and Safety	YES	NO	SEE ENVIROCON REPORT	SEE BELOW
Safety Tailgate Meeting	X			
Accidents		X		
Illnesses		X		
Near-miss Incidents		X		
Corrective Action		X		
Other Safety and Health Issues: _____		X		

Day's Activities:

Placing Jute mat and Port topsoil; top of bank grading.

BY

H. Clough
ASH CREEK ASSOCIATES REPRESENTATIVE

REVIEWED BY

H. Clough
ASH CREEK ASSOCIATES PROJECT MANAGER

DAILY CONSTRUCTION & CQC REPORT

T4 Wheeler Bay Stabilization - PROJECT #1473800

ENVIROCON

Weather:			Report Information.:	
Max Temp: __61___	Site Conditions:	Clear	Date:	10/10/2008
Min Temp: __48___	Winds:	Light	Week Day:	Friday
	Precipitation	None	Shift:	7AM-6:00PM

Report Prepared By:

Personnel	WBS Task	Hours	Start	Finish	Equip	No.	Run	Stdby	WBS Task Code	Comments
WES JENSEN	8006	10.25	7AM	5:45PM	HM300 ARTIC	Modern	8		8006	POP Topsoil
GEORGE LOTZE	301	10			FEL loader	United	4		8006	Picked Up
SCOTT LAW	101	10.25	7AM	5:45PM	PC200 EXC.	3366	6		8006	POP Topsoil
MATTHEW PATCHING	101	10.25	7AM	5:45PM	Water Buff	11047	0		8006	Dust Control
SKIP SIMPSON					JD310 BACKHOE	1196	8		8006	POP Topsoil
SUZANNE STARKEY										

DESCRIPTION OF WORK (detail below):

Place POP topsoil, ~444 CY by load count.

Install ~80 T-Posts for exclusion fence, STA 0+00 to 8+10 top of bank.

Remove railroad crossing near switch.

Re-install silt fence.

Complete jute mat staples.

DOWNTIME OR DELAYS:

MATERIAL PLACED:

MATERIAL	STA (START)		STA (STOP)		QTY.	QTY. TO DATE	APPROVED SOURCE	TECHNICAL SPECIFICATION NO.
	STA	OFFSET	STA	OFFSET				
Demarcation Layer								Addendum No. 1 312000-4
Select Fill								312000-3 (2.3)
Armor Type 3								312000-3 (2.5)
Habitat Cover								312000-3 (2.6)
Topsoil								329119-2 (2.5)
Coir Fabric								329119-2 (2.2)
Jute Matting								329119-2 (2.1)
Mulch								329300-4 (2.2)
Habitat Logs								353200-3 (3.3)
Shrubs & Plantings								329300
Hydroseeding								329219
Geotextile fabric								

COMMENTS (Material Delivered-Removed/Qty.):

Roger (POP) requested riser (12 in.) be added to telephone handhole.

DAILY INSPECTION LOG:

TYPE	TECHNICAL SPECIFICATION NO.	LOCATION / NATURE OF DEFECT	CORRECTIVE ACTION TAKEN OR PROPOSED	COMMENTS
TESC				
Signage				
Restricted Area Fence				

SAFETY STATUS:

Accidents (if any):	
Illnesses (if any):	
Near-miss Incidents (if any):	
Corrective Action (if any):	
Other:	

Signature Verifying Above:

DRAFT

ATTACHMENT C

DAILY CONSTRUCTION MONITORING REPORTS FOR THE TRANSLOADING FACILITY

ANCHOR ENVIRONMENTAL, L.L.C.

Daily Construction Report Number: 21

Work Hours: 7:00 to 15:00

Project Number: 050332-01 Day: Friday Date: 10/10/08

Weather AM: Partly Cloudy L: 40 °F PM: Mostly Sunny H: 65 °F

Tides:

Time	Height

Contractor: Hickey Marine Enterprises (HME) Sub: Waste Connections, D&R Dietrich & Sons

Contractors Rep and Title: Dave Godell, Safety Supervisor, HME

Work Day Charge: _____ Day: _____ Reason: _____

Project Pictures? ☑ Yes ☐ No Subject: Truck loading, decon and de-mobilization

Visitors: none

Item Description	Quantity Today	√	Remarks
Sediment transported to landfill (truck/pup load)	13		Truck and pup

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

Construction activities detailed on following page.

Gabe Nagler
Monitoring Personnel

Rick Schwarz
Project Engineer

06:45 Arrived on site. Sea Vulture active in consolidating material on barge 47.
06:50 Met with Derrel Ivy (HME) to discuss transloading and decontamination activities scheduled for the day.
07:00 Meeting with Derrel Ivy, Sea Vulture dredge operator and excavator operator to discuss daily construction plan. 300 tons of material were estimated to be transloaded for the day.
07:06 First truck on loading pad (13)
07:16 Operation begin, first dredge bucket load is placed in box.
07:32 1st truck and pup is loaded and out.
07:46 2nd truck on loading pad (20)
07:53 2nd truck and pup loaded and out
07:53 3rd truck is on loading platform (9517)
08:02 3rd truck and pup is loaded and out
08:03 4th truck is on pad (9519)
08:11 4th truck and pup is loaded and out
08:12 5th truck is on loading pad (9713)
08:21 5th truck and up loaded and out
08:22 6th truck is on loading pad (3)
08:30 6th truck and pup loaded and out.
08:52 7th truck on loading pad (20)
09:02 7th truck and pup loaded and out
09:13 8th truck on pad (9519)
09:20 8th truck and pup loaded and out
09:23 9th truck on loading pad (9517)
09:38 9th truck loaded and out
09:39 10th truck on loading pad (9713)
09:47 10th truck loaded and out
09:48 11th truck on loading pad (3)
09:58 11th truck loaded and off
10:00 12th truck on loading pad (20)
10:08 Case front-end loader lowered into barge 47 for final material transfer
10:10 12th truck loaded and out
10:15 Bulk of material transfer from barge 47 complete. Beginning clean-up process
10:33 13th truck arrived on site (13)
10:35 Dave Godel arrived on site w/street sweeper
10:58 Loading pad geotextile mat placed into truck 13
11:30 Turbidity boom placed in truck 13 pup
11:41 Geotextile and material from Schnitzer Steel project loaded into truck 13; cleanup continues
12:00 Dredge bucket disconnected
12:01 Spoke with Dave Godel regarding clean-up progress.
12:22 Street sweeper began cleaning truck rout in parking lot (photo)
12:55 Scraping and sweeping of transloading box
13:20 Sea Vulture lifted one corner of box to create pool for rinsate pumping during power washing.
13:21 Power washing of transloading box began (photos)
13:25 Diaphragm pumping began of rinseate into 55 gallon drum for future disposal

13:38 Box clean. Power washing complete. 35-40 gallons of rinseate were produced and collected.
14:10 Box transferred to HME barge.
15:07 Cleaning of dock complete. 13th truck loaded, covered and out
15:15 Gabe Nagler left site

Gabe Nagler	Rick Schwarz
Monitoring Personnel	Project Engineer

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ATTACHMENT D

DAILY RESULTS FROM WATER QUALITY MONITORING ACTIVITY AT TERMINAL 4: (NONE)