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October 7, 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 September 29 through October 5, 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 September 29 through October 5, 2008.

SIGNIFICANT DEVELOPMENTS

- Work on the Head of Slip 3 cap occurred September 30 and October 1, 2008.
- Completed discharge of the lash barge water on October 1, 2008.
- Continued shoreline stabilization work in Wheeler Bay September 29 through October 4, 2008.

CONSTRUCTION ACTIVITIES PERFORMED

Dredging and Capping

- Hickey placed Type 3 armor in front of and behind the timber bulkhead at the head of Slip 3 Cap area.
- See the attached summary table (Table 3) for quantities of material placed each day. Hickey placed approximately 810 tons of Type 3 cap material on September 30 and October 1, 2008.
- No water quality exceedances were noted during the week.
- Hickey discharged lash barge water on September 29, 30, October 1, and 2, 2008. The pumping of the water was completed early in the morning of October 2, 2008. The barge was tied up at Berth 408 and the water discharged to the sanitary sewer. Hickey pumped 54,150 gallons on September 29, 2008, 52,700 gallons on September 30, 2008, and 87,570 gallons on October 1/2, 2008 from the lash barge. A total of 235,330 gallons of water was pumped off of the lash barge.

Wheeler Bay Shoreline Stabilization

- Continued placing topsoil each day across the area. 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).
- Habitat logs were placed and anchored at stations 2+40, 5+00, and 7+00.

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- Began placing rounded habitat material on the rip rap surface on September 30, October 1, 2, and 3, 2008.
- Placed salvaged large woody debris on areas where rounded habitat material was placed on October 1, 2, and 3, 2008.
- Planted 527 plants on October 4, 2008 from 7+00 to 3+50 and 1+50 to 0+00.

PROBLEMS ENCOUNTERED AND PROPOSED SOLUTIONS

Dredging and Capping
- None.

Wheeler Bay Shoreline Stabilization
- None.

MONITORING ACTIVITIES PERFORMED

Dredging and Capping
- Water quality monitoring occurred during the capping activities as described in the EPA-issued Water Quality Monitoring and Compliance Conditions Plan (WQMCCP) and the Water Quality Monitoring Plan (WQMP) (Appendix H of the Final Remedial Action Work Plan [RAWP]).

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

SUMMARY OF MONITORING DATA COLLECTED AND RECEIVED

Dredging and Capping
- Attachment D contains a summary of the daily field parameters for the dredging and capping activities that occurred during this reporting period. No water quality exceedances were documented during the week. No chemistry analytical samples were collected during the reporting period.
- Tier 2 frequency of monitoring continued this week as the capping activity did not change from the previous reporting period. Tier 2 frequency includes collecting field parameters once per day and analytical parameters once per week.
- No offloading activities occurred during the reporting period so no water quality monitoring occurred.

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
- Offloading of the Head of Slip 3 excavated material at The Dalles offloading facility and transporting to the landfill.
- Decontamination of The Dalles offloading facility.
- Decontamination of the haul barge used for Head of Slip 3 excavated material and the lash barge.

Wheeler Bay Shoreline Stabilization

- Continue placing top soil, coir fabric, and jute mat, and planting trees.

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
- 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

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 (tons)	Barge Total (tons)
Load	Date	Time Out	Truck No.	Barge	TICKET #	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 (tons)	Barge Total (tons)
Load	Date	Time Out	Truck No.	Barge	TICKET #	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	Barge Total
Load	Date	Time Out	Truck No.	Barge	TICKET #	Tons	(tons)	(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**
TOTAL						**20,070**	**20,070**	**20,070**

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

PORT OF PORTLAND

DAILY DIARY

PROJECT T4 Removal Action-Phase 1 Dredging and Capping **CONTRACT NO.** 820027/2008D013

CONTRACTOR Hickey Marine Inc. **SUPERINTENDENT** Darrell Jamison

DAY OF WEEK & DATE: Mon., Sept 29, 2008 **REPORT NO.** 37

WEATHER Sunny **TEMPERATURE** L 54 H 77

NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:

Hickey Dredge Crew:
Superintendent
Crane operator
2 Deck hands

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

Seahawk Crane/Derrick with 2-Barge/Scow
Schaeff spider hoe, Model: HS 41M , 1995

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

Seahawk crane/derrick and HME's lash barge is berthed at B408 and continue discharging lash barge waste water into sanitary sewer system.

(06:30-17:00) After placing barricades and caution tape around sanitary manhole, HME crew began discharging lash barge waste water.

(06:40) Water meter reading 00040900
(07:30) meter reading 00045000 @ 85 gal/min discharge rate
(11:15) meter reading 00062800
(17:30) ending water meter reading 00095061
(17:40) Crew stopped discharging waste water, removed all traffic control devices, cleaned work area, loaded equipment on truck and left site.

TESTING LABORATORY ON SITE: **HRS:**

TESTS PERFORMED:

PHONE LOG:

SITE PHOTOS/VIDEOS TAKEN:

FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:

INSPECTOR Philipp G. Bales HRS DATE 9-29-8
(signature on hardcopy)

HME
CRANEWORK & DREDGING

DAILY QUALITY CONTROL REPORT

Daily Report No. 34 Date: 9/29/08

Contract No.

Project Title: Terminal 4 Removal Action Location: Berth 408

Weather: CLEAR Temperature: 60 Min. 90 Max

1. Contractor/Subcontractors and Area of Responsibility:

NUMBER	TRADE	HOURS	EMPLOYER	LOCATION/DESCRIPTION OF WORK
2	LABOR	12.5	HME	Berth 408 / Pump water from Lash Barge

2. Operating Plant or Equipment. (Not Hand Tools)

Plant/Equipment	Date of Arrival/Departure	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
LASH BARGE	9/25	9/29	12.5		
SEA HAWK	9/25	9/29		12.5	

1. Work performed today: (Indicate location and description of work performed by prime and/or subcontractors by letter in table above).

Pump water from Lash Barge into City sewer averaging 85 gallons per minute

2. Results of control activities: (Indicate whether P – Preparatory, I – Initial, or F – Follow-up phase. When a P or I meeting is conducted, complete attachment 1-A or 1-B, respectively. When network analysis system is used, identify work by use of I-J numbers.

Gallons pumped today: 54,149
Total Gallons pumped to date: 95,061

3. Offsite surveillance activities, including action taken:

4. Job Safety: (Report violations; corrective instructions given; corrective actions taken).

1. Barricade off open manhole
2. Divert traffic around discharge hose
3. PPE worn on dock and on dredge

5. Remarks: (Instructions received or given. Conflict(s) in plans and/or specifications).

No problems today with pumping through water meter. Screen in strainer seems to work trouble free with pumps set at 85 gpm.

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Authorized CQC Rep at Site | Date

9/30/08

ANCHOR ENVIRONMENTAL, L.L.C.

Daily Construction Report Number: 36

Work Hours: 08:45 to 13:45 Sub. to

Project Number: 050332-01 Day: Tuesday Date: 9/30/08

Weather AM: Partly Sunny L: 56 °F PM: Partly Sunny H: 81 °F

Tides:

Time	Height
12:25	+1.7 CRD
13:30	+1.0 CRD

Water level was already up by approx. 0.5 feet

Contractor: Hickey Sub:

Contractors Rep and Title: Darrell Jamieson (Project Superintendent)

Work Day Charge: Day: Reason:

Project Pictures? ☑ Yes ☐ No Subject: Pictures taken of capped area before construction began.

Visitors: Andrew Somes (Parametrix)

Item #	Item Description	Quantity Today	√	Remarks
1	Rip rap placement below pinch pile wall at the head of Slip 3	3.5 hours		Quantity will be determined in morning by Darrell.

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

See next page.

Ben Hung
Resident Engineer

John Verduin
Project Engineer

ANCHOR ENVIRONMENTAL, L.L.C.

08:15	On-site. No construction occurring in Slip 3. Vessel Emu Arrow Nassau in Berth at Kinder Morgan..
09:40	Spoke with Darrell Jamieson re: plans for work today and construction duration. Notified Sean Sheldrake re: intent to work from 12:00 through 16:30. Given work will occur for less than 6 hours, and all work to be performed is within the extents of the original design, chemistry samples are not required. Water quality monitoring will include one round of field parameter sampling.
12:00	Sea Horse Derrick, Husky Tug, and Reedsport Barge in position at Head of Slip 3. Absorbent boom surrounds in-water work area. Barge approximately 2/3 full of rip rap. Darrell Jamieson confirms 800 tons of material at start of work. Placement begins.
12:35	Average cycle time is 3.5 minutes. Location of placement is primarily near the timber pile bulkhead and not down the slope, in the areas show to be below grade in previous survey.
13:20	Average cycle time is 3.25 minutes.
13:30	Water quality monitoring boat beginning field parameter monitoring round at early warning location.
14:20	Water quality crew completes monitoring round. No exceedances reported.
14:30	Batch discharge of lash barge on-going in Slip 1. HME staff on-site and monitoring discharge.
14:40	Reedsport Barge approximately 1/3 full of rip rap.
15:30	Work complete for the day. Reedsport Barge approximately ¼ full. HME shutting down for the day. Work will resume with rip-rap placement on the upland slope by 07:00 tomorrow.

Ben Hung	John Verduin
Resident Engineer	Project Engineer

PORT OF PORTLAND

DAILY DIARY

PROJECT T4 Removal Action-Phase 1 Dredging and Capping **CONTRACT NO.** 820027/2008D013

CONTRACTOR Hickey Marine Inc. **SUPERINTENDENT** Darrell Jamison

DAY OF WEEK & DATE: Tues., Sept 30, 2008 **REPORT NO.** 38

WEATHER Partial clouds, no rain **TEMPERATURE** L 54 H 77

NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:

Hickey Dredge Crew:
Superintendent
Crane operator
2 Deck hands

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

Seahawk Crane/Derrick with 2-Barge/Scow
Schaeff spider hoe, Model: HS 41M , 1995
John Deere 544 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

Seahorse crane/derrick with barge loaded with armor rock at head of slip 3, continue to place armor rock river side of bulkhead in slip 3. HME filling in areas that survey showed to be low and also build 5' shelf out from bulkhead.
Barge arrived with approx. 800 T of armor rock and by end of today's shift, had approx. 300T left over. All armor rock placed today at bulkhead of slip 3, riverside only.

Seahawk crane/derrick and HME's lash barge is berthed at B408 and continue discharging lash barge waste water into sanitary sewer system.

(06:30-17:00) After placing barricades and caution tape around sanitary manhole, HME crew began discharging lash barge waste water.

(06:40) Start: Water meter reading 00095061 @ 85 gal/min
(17:30) End: water meter reading 00147300 @ 90 gal/min
(17:40) Crew stopped discharging waste water, removed all traffic control devices, cleaned work area, loaded equipment on truck and left site.

TESTING LABORATORY ON SITE: **HRS:**

TESTS PERFORMED:

PHONE LOG:

SITE PHOTOS/VIDEOS TAKEN:

FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:

INSPECTOR Philipp G. Bales HRS DATE 9-30-8
(signature on hardcopy)

DAILY REPORT OF OPERATIONS:

CONTRACT NO:

TO:	CONTRACTOR:	DATE(S)	REPORT NO: 35
P.O.P.	HME	9/30/08	CONTRACT DAY: 49

PROJECT AND BAR	NAME: Terminal 4 Removal Action	AUTHORIZED DIMENSIONS: 120 x 35	WIDTH:	DEPTH: 1.5' Fill
	LOCATION: (include station no.) Berth 40B (water dumping) Berth 411 Head of Slip			OVERDEPTH: 1
DREDGE	NAME & TYPE: SEA HORSE DREVO	SIZE: 135 TON	DIPPER OR BUCKET: Skip Box	
	HORSEPOWER OF 900			8 CY.CAP.

NUMBER OF CREW MEMBERS				WORK SCHEDULE	
Dredge: 3	Shore:	Other: 1	Total: 4	Shifts per day: 1	Days per week: 5

CHANNEL CONDITION	AVERAGE	BEFORE DREDGING	AFTER DREDGING	MINIMUM	BEFORE DREDGING	AFTER DREDGING

CHARACTER OF MATERIAL AND PERCENTAGE						
	GRAVEL		MUD		STONE	
	SAND		CLAY		HARDPAN	
	SILT		OTHERS			

WORK PERFORMED		
AVERAGE WIDTH OF CUT	FEET	
TOTAL ADVANCE THIS PERIOD	FEET	
TOTAL ADVANCE PREVIOUS TO THIS PERIOD	FEET	
TOTAL ADVANCE TO DATE	FEET	
WATER PUMPED THIS PERIOD into City Sewer	GALLONS	52,699
WATER PUMPED PREVIOUS TO THIS PERIOD	GALLONS	147,760
TOTAL WATER PUMPED TO DATE	GALLONS	
AVERAGE DREDGED PER PUMP HOUR, GROSS	CU. YD	112.5
SCOWS LOADED	NUMBER	
AVERAGE LOAD PER SCOW	CU. YD	

DISTRIBUTION OF TIME		
EFFECTIVE WORKING TIME (chargeable to cost of work)	HOURS	MIN
DREDGING Place Armor	4	
NON-EFFECTIVE WORKING TIME		
HANDLING ANCHOR LINES		
WAITING FOR SCOWS Load Armor	3	
TO AND FROM WARF OR ANCHORAGE		
CHANGING LOCATION OF PLANT ON JOB	1	30
LOSS DUE TO OPPOSING NATURAL ELEM.		
LOSS DUE TO PASSING VESSELS		
SHORE LINE AND SHORE WORK		
MINOR OPER. REPAIRS (explain below)		30
WAITING FOR ATTENDANT PLANT		
PREPARATION AND MAKING UP TOW		30
TRANSFERRING PLAN BETWEEN WORKS		
LAY TIME OFF SHIRT AND SATURDAYS		
SUNDAYS AND HOLIDAYS		
SAFETY MEETING		
WATER PUMPING		
TOTAL NON-EFFECTIVE WORKING TIME	5	30
TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (chargeable to cost of work)	9	30
LOST TIME (chargeable to cost of work)		
MAJOR REPAIRS AND ALTERATIONS:		
CESSATION:		
MISCELLANEOUS:		
TOTAL LOST TIME:		
TOTAL TIME IN PERIOD:		

CUBIC YARDS REMOVED

AMOUNT DREDGED THIS PERIOD:	In Water Armor
(1) GROSS (computed amount)	450 Tons
(2) CREDITED (pay place)	
AMOUNT PREVIOUSLY REPORTED:	
(1) GROSS (computed amount)	1895 Tons
(2) CREDITED (pay place)	
AMOUNT DREDGED TO DATE:	
(1) GROSS (computed amount)	2345 Tons
(2) CREDITED (pay place)	

ATTENDANT PLANT

ITEM	NAME OR NUMBER	HOURS
Material Barge	Reedsport	9.5
Water Barge	Lash Barge	12.5
Tug	Husky	9.5

BARGE DRAFTS

LOAD # 2

MT		LD	
3.4	4	6	6.4
5.3	6	6	6.4

BARGE NAME Reedsport

ALL WORK PERFORMED DURING THIS PERIOD COMPIES WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS:

TITLE: Superintendent

SIGNATURE: [signature]

HICKEY MARINE ENTERPRISES
6801 NW Old Lower River Road
Vancouver, WA 98660
(360) 695-4553 (503) 284-1140

CRANEWORK & DREDGING

M	~~T~~	W	TH	F	S	S

Job Name Terminal 4 Removal Action Date 9/30/08

Job No. 2428 Weather

Equipment: ☐ Sea Hawk ☐ Sea Vulture ☐ Sea Lion ☐ Viking ☐ 966 Loader ☐ Chetco

☐ Barge 174 ☐ Barge 34 ☐ BK5 ☐ Nova ☐ Barge 47 ☐ Barge Harvey A

☐ Manlift ☑ Other SEA HORSE, REEDSPORT, Husky

Equipment Safety Checks Performed? Yes / No

Personal Protective Equipment Safety Checks Performed ? Yes / No

Work performed today

06:30 - 9:30 Finish Loading Armor Rock

9:30 - 10:00 Set up Tow for T-4

10:00 - 11:15 Move to T-4 Berth 411 (TIBL)

11:15 - 11:30 Set up to place Armor

11:30 - 15:30 Begin placing Armor

15:30 - 16:00 Secure - Service

Extra work or delays (authorized by)

Sign

Form #3

HME
CRANEWORK & DREDGING

DAILY QUALITY CONTROL REPORT

Daily Report No. 35 Date: 9/30/08

Contract No.

Project Title: Terminal 4 Removal Action Location: Berth 408 / 411

Weather: partly cloudy Temperature: 58 Min. 80 Max

1. Contractor/Subcontractors and Area of Responsibility:

NUMBER	TRADE	HOURS	EMPLOYER	LOCATION/DESCRIPTION OF WORK
4	Dredge	9.5	HME	411 / Place Armor in water
2	Labor	12.5	HME	408 / Pump water

2. Operating Plant or Equipment. (Not Hand Tools)

Plant/Equipment	Date of Arrival/Departure	Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Sea Horse	9/30	9/30	9	2.5	
Reedsport	9/30	9/30	9.5		
966 Loader	9/30	9/30	5.5	4	
Sea Hawk	9/25	9/30		12.5	
Lash Barge	9/25	9/30	12.5		
Husky	9/30	9/30	4	5.5	

1. Work performed today: (Indicate location and description of work performed by prime and/or subcontractors by letter in table above).

Finished loading Barge Reedsport with Armor at HME Yard (800 tons). Move to Berth 411 and place approx 450 tons

in water.

Pumped 52,699 Gallons of water from Lash Basin 85 - 88 gpm

Total Gallons pumped to Date: 147,760

2. Results of control activities: (Indicate whether P – Preparatory, I – Initial, or F – Follow-up phase. When a P or I meeting is conducted, complete attachment 1-A or 1-B, respectively. When network analysis system is used, identify work by use of I-J numbers.

Placed 450 Tons in water at upstream end of wall to fill in low spots along wall. Rock appears to fall down slope and not stay in place on bench, even when placing skip box on bottom and dumping in a pile

3. Offsite surveillance activities, including action taken:

4. Job Safety: (Report violations; corrective instructions given; corrective actions taken).

1. Place Detour signs on Roadway
2. Wear P.P.E's while pumping water
3. Offload (pump water) in a manner to prevent no more than a 2' List

5. Remarks: (Instructions received or given. Conflict(s) in plans and/or specifications).

Stopped in water work before completed to save enough armor for upland placement tomorrow. A progress survey will be performed tomorrow to analyze remainder of in water work.

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Authorized CQC Rep at Site	Date
[signature]	10/1/08

ANCHOR ENVIRONMENTAL, L.L.C.

Daily Construction Report Number: 37

Work Hours: 07:00 to 15:00 Sub. to

Project Number: 050332-01 Day: Wednesday Date: 10/1/08

Weather AM: Foggy L: 51 °F PM: Overcast H: 74 °F

Tides:

Time	Height
07:50	+3.7 CRD
13:45	+1.0 CRD

Contractor: Hickey Sub: Spider Hoe Operator

Contractors Rep and Title: Darrell Jamieson (Project Superintendent)

Work Day Charge: _____ Day: _____ Reason: _____

Project Pictures? ☑ Yes ☐ No Subject: Pictures taken of completed upland Slip 3 cap; other construction activities.

Visitors: Andrew Somes and Ken Fellows (Parametrix)

Item #	Item Description	Quantity Today	√	Remarks
1	Rip rap placement above +5 CRD on the upland Slip 3 cap	4.0 hours		Quantity will be determined in morning by Darrell.
2	Rip rap placement on in-water portion of Slip 3 cap	1.0 hours		Quantity will be determined in morning by Darrell.

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

See next page.

Ben Hung
Resident Engineer

John Verduin
Project Engineer

ANCHOR ENVIRONMENTAL, L.L.C.

07:00 On-site. No construction occurring in Slip 3. Sea Horse Derrick, Husky Tug, and Reedsport Barge idle in Slip. Barge is approximately ¼ full of rip rap.

07:20 HME completing set-up for batch discharge. Sea Hawk Derrick and Lash Barge moored in Slip 1. Discharge hose crosses access road to manhole identified for batch discharge. Detour set up to direct traffic around discharge hose. HME staff reported 147,300 gallons already discharged to date. Total discharge at time of observation is 148,800 gallons. Flow rate is approximately 90 GPM. Batch discharge configuration is the same as yesterday.

07:45 HME setting up to place rip rap on upland Slip 3 cap. Spider Hoe warming up.

07:55 Placement of rip rap begins. Near north edge of cap. Hickey will work from north to south edges of cap to place material across the slope in two “lifts” starting near the bottom of the slope.

10:45 HME now working from south edge of cap working toward north edge. Placing rip rap near top of slope.

11:45 Placement of rip rap on upland slope complete. Approximately 60 tons of rip rap remaining on barge. Placement of rip rap on in-water portion of cap begins.

12:15 Water quality field parameter round completed. No exceedances reported.

13:45 Placement of remaining rip-rap in water completed.

14:00 HME second shift on site to continue batch discharge.

15:00 Departed from site.

Ben Hung	John Verduin
Resident Engineer	Project Engineer

PORT OF PORTLAND

DAILY DIARY

PROJECT T4 Removal Action-Phase 1 Dredging and Capping **CONTRACT NO.** 820027/2008D013

CONTRACTOR Hickey Marine Inc. **SUPERINTENDENT** Darrell Jamison

DAY OF WEEK & DATE: Wed., Oct 1, 2008 **REPORT NO.** 39

WEATHER Sunny **TEMPERATURE** L 54 H 77

NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:

Hickey Dredge Crew:
Superintendent
Crane operator
2 Deck hands

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

Seahawk Crane/Derrick with 2-Barge/Scow
Schaeff spider hoe, Model: HS 41M , 1995
John Deere 544 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

Seahorse crane/derrick and barge loaded with armor rock at head of slip 3 completed placing all the armor rock on the upland side of bulkhead in slip 3.
Crane placed all 800 T of armor rock by end of today's shift.
Anchor representative (BH) on site monitoring crane place armor rock upland side of bulkhead. Anchor engineer (JV) also on site.

Seahawk crane/derrick and HME's lash barge is berthed at B408 and continues discharging lash barge waste water into sanitary sewer system. HME will be working double shift today to expedite the discharge operations and plans to be finished tonight. This is due to showers expected for tomorrow around noon.

(06:30-17:00) After placing barricades and caution tape around sanitary manhole, HME crew began discharging lash barge waste water.

(06:40) Wed. morning Start: Water meter reading 00147300 @ 85 gal/min
(01:00) Thurs. (early morning) End: water meter reading 00235000 @ 90 gal/min
(01:30) Crew completed discharging all waste water from lash barge, removed all traffic control devices, cleaned work area, loaded equipment into truck and left site.

TESTING LABORATORY ON SITE: **HRS:**

TESTS PERFORMED:

PHONE LOG:

SITE PHOTOS/VIDEOS TAKEN:

FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:

INSPECTOR Philipp G. Bales HRS DATE 10-1-8
(signature on hardcopy)

DAILY REPORT OF OPERATIONS:

CONTRACT NO:

TO:	CONTRACTOR:	DATE(S)	REPORT NO: 36
P.O.P.	HME	10/1/08	CONTRACT DAY: 50

PROJECT AND BAR

NAME:	AUTHORIZED DIMENSIONS:	WIDTH:	DEPTH:
Terminal 4 Removal Action	120 x 35		1.5' Fill

LOCATION: (include station no.) Berth 408 (water pumping) Berth 411 Armor placement

OVERDEPTH: 1

DREDGE

NAME & TYPE:	SIZE:	DIPPER OR BUCKET:
Sea Horse Drevo	135 Ton	Skip Box

HORSEPOWER OF 900 — 8 CY.CAP.

NUMBER OF CREW MEMBERS				WORK SCHEDULE	
Dredge: 3	Shore:	Other: 5	Total: 8	Shifts per day: 2	Days per week: 1

CHANNEL CONDITION

AVERAGE	BEFORE DREDGING	AFTER DREDGING	MINIMUM	BEFORE DREDGING	AFTER DREDGING

CHARACTER OF MATERIAL AND PERCENTAGE

GRAVEL		MUD		STONE	
SAND		CLAY		HARDPAN	
SILT		OTHERS			

WORK PERFORMED

AVERAGE WIDTH OF CUT	FEET	
TOTAL ADVANCE THIS PERIOD	FEET	
TOTAL ADVANCE PREVIOUS TO THIS PERIOD	FEET	
TOTAL ADVANCE TO DATE	FEET	
WATER PUMPED THIS PERIOD into City Sewer	GALLONS	87,568
WATER PUMPED PREVIOUS TO THIS PERIOD	GALLONS	147,760
TOTAL WATER PUMPED TO DATE	GALLONS	235,328
AVERAGE DREDGED PER PUMP HOUR, GROSS	CU. YD	
SCOWS LOADED	NUMBER	
AVERAGE LOAD PER SCOW	CU. YD	

CUBIC YARDS REMOVED

	IN WATER	UPLAND
AMOUNT DREDGED THIS PERIOD:		
(1) GROSS (computed amount)	60 Tons	300 Tons
(2) CREDITED (pay place)		
AMOUNT PREVIOUSLY REPORTED:		
(1) GROSS (computed amount)	2345 Tons	0
(2) CREDITED (pay place)		
AMOUNT DREDGED TO DATE:		
(1) GROSS (computed amount)	2405 Tons	300 Tons
(2) CREDITED (pay place)	Total Rock Placed 2705	

ATTENDANT PLANT

ITEM	NAME OR NUMBER	HOURS
Materials Barge	Reedsport	9
Water Barge	Lash Barge	18
Tug	Husky	9

BARGE DRAFTS — MT: 3.3 3.3 3.4 3.4 — LD: 3.4 4 5.3 6

LOAD # 2

BARGE NAME Reedsport

DISTRIBUTION OF TIME

EFFECTIVE WORKING TIME (chargeable to cost of work)	HOURS	MIN
DREDGING Place Armor	5	45
NON-EFFECTIVE WORKING TIME		
HANDLING ANCHOR LINES		
WAITING FOR SCOWS		
TO AND FROM WARF OR ANCHORAGE		
CHANGING LOCATION OF PLANT ON JOB		
LOSS DUE TO OPPOSING NATURAL ELEM.		
LOSS DUE TO PASSING VESSELS		
SHORE LINE AND SHORE WORK		45
MINOR OPER. REPAIRS (explain below)		30
WAITING FOR ATTENDANT PLANT		
PREPARATION AND MAKING UP TOW	2	
TRANSFERRING PLAN BETWEEN WORKS		
LAY TIME OFF SHIRT AND SATURDAYS		
SUNDAYS AND HOLIDAYS		
SAFETY MEETING		
WATER PUMPING		
TOTAL NON-EFFECTIVE WORKING TIME	3	15
TOTAL EFFECTIVE AND NON-EFFECTIVE TIME (chargeable to cost of work)	9	
LOST TIME (chargeable to cost of work)		
MAJOR REPAIRS AND ALTERATIONS:		
CESSATION:		
MISCELLANEOUS:		
TOTAL LOST TIME:		
TOTAL TIME IN PERIOD:		

ALL WORK PERFORMED DURING THIS PERIOD COMPIES WITH THE CONTRACT SPECIFICATIONS AND DRAWINGS:

TITLE: Superintendent

SIGNATURE: [signature]

HICKEY MARINE ENTERPRISES
6801 NW Old Lower River Road
Vancouver, WA 98660
(360) 695-4553 (503) 284-1140

CRANEWORK & DREDGING

M	T	W	TH	F	S	S

Job Name Terminal 4 Removal Action Date 10/1/08

Job No. 2428 Weather

Equipment: ☐ Sea Hawk ☐ Sea Vulture ☐ Sea Lion ☐ Viking ☐ 966 Loader ☐ Chetco

☐ Barge 174 ☐ Barge 34 ☐ BK5 ☐ Nova ☐ Barge 47 ☐ Barge Harvey A

☐ Manlift ☑ Other Reevesport, Husky, Sea Horse

Equipment Safety Checks Performed? Yes / No

Personal Protective Equipment Safety Checks Performed ? Yes / No

Work performed today

07:00 - 7:45 SERVICE - MOVE to ASSIST SPIDER HOE

7:45 - 12:00 ASSIST SPIDER HOE (PLACE ROCK UPLAND)

12:00 - 12:30 SERVICE - FUEL - ANALYZ SURVEY

12:30 - 14:00 PLACE REMAINDER OF ARMOR IN WATER (HEAD OF SLIP)

14:00 - 15:30 SURVEY

15:30 - 16:00 SECURE - lift SPUDS - RIG MOVES to HME

Extra work or delays (authorized by)

Sign

Form #3

HICKEY MARINE ENTERPRISES
6801 NW Old Lower River Road
Vancouver, WA 98660
(360) 695-4553 (503) 284-1140

CRANEWORK & DREDGING

M	T	W	TH	F	S	S

Job Name T-4 WATER PUMP Date 10-8-08

Job No. Weather FOGGY

Equipment: ☑ Sea Hawk ☐ Sea Vulture ☐ Sea Lion ☐ Viking ☐ 966 Loader ☐ Chetco
☐ Barge 174 ☐ Barge 34 ☐ BK5 ☐ Nova ☐ Barge 47 ☐ Barge Harvey A
☐ Manlift ☐ Other LASH BARGE

Equipment Safety Checks Performed? (Yes) / No

Personal Protective Equipment Safety Checks Performed ? (Yes) / No

Work performed today 600 START UP SAFTEY CHECKS
6:15 CLOGGED WATER METER, CLEAN OUT
6:40 CONTINUE PUMPING

9:15 CONTINUE PUMPING
3:00 LOAD BOOM TO LASH BARGE
3:15 BRETT IVIE TAKES OVER FOR ADAM & BJ
17:10 Flo meter Stops - Fix
17:50 Pump - water
01:30 Finish Pump - Secure
2:00 DAEREL Truck Back to shop

Extra work or delays (authorized by)

2 men AND CRANE Load Turbidity Boom 1 hour

Sign

Form #3

HME
CRANEWORK & DREDGING

DAILY QUALITY CONTROL REPORT

Daily Report No. 36 Date: 10/1/08

Contract No. _____

Project Title: Terminal 4 Removal Action Location: Berth 408 /411

Weather: Clear Temperature: 58 Min. 74 Max

1. Contractor/Subcontractors and Area of Responsibility:

NUMBER	TRADE	HOURS	EMPLOYER	LOCATION/DESCRIPTION OF WORK
4	Dredge	9	HME	411 Head of Slip / Place Armor
4	Labor	20	HME	408 / Pump Water

2. Operating Plant or Equipment. (Not Hand Tools)

Plant/Equipment	Date of Arrival/Departure		Date of Safety Check	Hours Used	Hours Idle	Hours Repair
Sea Horse	9/30	10/1	10/1	6	2.5	.5
Reedsport	9/30	10/1	10/1	9		
966 Loader	9/30	10/1	10/1	6	3	
Sea Hawk	9/25	10/2	10/1	1	19	
Lash Barge	9/25	10/2	10/1	20		
Husky	9/25	10/2	10/1	1	19	

1. Work performed today: (Indicate location and description of work performed by prime and/or subcontractors by letter in table above).

Worked with Spider hoe and placed upland Armor. Preformed survey of in water work before placing Remainder of Armor left from upland

Work, Approx 60 tons was placed in water after A.M. Survey. Performed another survey after the remaining 60 tons was placed. Conflicting survey's from the 9/18 survey and the 10/1 survey that will need to be analyzed by P.O.P.
Remainder of water was pumped from Lash Barge (2 shifts)

2. Results of control activities: (Indicate whether P – Preparatory, I – Initial, or F – Follow-up phase. When a P or I meeting is conducted, complete attachment 1-A or 1-B, respectively. When network analysis system is used, identify work by use of I-J numbers.

1 Placed 300 tons of Armor upland, 2405 tons in water total
2 Pumped 87,568 gallons of water, and 235,328 total into city sewer
3. Spider Hoe was moved out, Storm Drain culvert pipe was connected, and Barriers were moved at water pumped site, along with manhole cover secured

3. Offsite surveillance activities, including action taken:

4. Job Safety: (Report violations; corrective instructions given; corrective actions taken).

1. Radio Contact between men while water pumping
2. Demobe water pump and Head of Slip site when all work is completed
3. Watch your step when walking on fresh placed Armor

5. Remarks: (Instructions received or given. Conflict(s) in plans and/or specifications).

All work on site is now completed. Armor placement in water is under review.

Remaining Turbidity curtain was hoisted onto Lash Barge to be Disposed of. 2 men and crane 1 hour.

Contractor's Verification: On behalf of the Contractor, I certify this report is complete and correct, and all materials and equipment used and work performed during this reporting period are in compliance with the contract plans and specifications, to the best of my knowledge, except as noted above.

Authorized CQC Rep at Site: [signature]

Date: 10/2/08

SEA HORSE

PORT OF PORTLAND

DAILY DIARY

PROJECT T4 Removal Action-Phase 1 Dredging and Capping **CONTRACT NO.** 820027/2008D013

CONTRACTOR Hickey Marine Inc. **SUPERINTENDENT** Darrell Jamison

DAY OF WEEK & DATE: Fri., Oct 3, 2008 **REPORT NO.** 41

WEATHER Partial clouds, light showers **TEMPERATURE** L 56 H 71

NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:	**MAJOR EQUIPMENT ON JOB (Size/capacity and hours):**

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

HME did not have any crews on site nor have any project related activities at terminal 4

TESTING LABORATORY ON SITE: **HRS:**

TESTS PERFORMED:

PHONE LOG:

SITE PHOTOS/VIDEOS TAKEN:	**FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:**

INSPECTOR Philipp G. Bales HRS DATE 10-3-8
(signature on hardcopy)

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	40		
PAGE	1	OF	2
DATE	9/29/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	1210
LOCATION	Terminal 4	DEPARTURE TIME	1340
CLIENT	Port of Portland	WEATHER	clear 80F; Winds: NE 0-2 mph
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	D. Urquhart	ASH CREEK PROJECT MANAGER	H. Clough
SUBCONTRACTOR	Envirocon	SUBCONTRACTOR REP.	G. Lotze

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			X	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		
Habitat Logs and LWD			X		

COMMENTS:

Place topsoil from 7+00 to 2+50 in "low spots" with less than 1' depth. Finish placing topsoil from 7+00 to 5+00, achieve 3:1 slope.

Place topsoil from 1+00 to 0+00.

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

PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	40		
PAGE	2	OF	2
DATE	9/29/2008		

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:

Place topsoil (see page 1).

BY

Douglas Urquhart
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: __68___	Site Conditions:	dry	Date:	9/29/2008
Min Temp: __50___	Winds:	light	Week Day:	Monday
	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	301	10.5	7AM	6:00 PM	HM300 ARTIC	Modern	0		301	
GEORGE LOTZE	2201	10.5	7AM	6:00 PM	JD450 DOZER	United	0		301	
SCOTT LAW	301	10.5		6:00 PM	PC200 EXC.	3366	2		301	
					WATER TRUCK	United	5		301	Dust Control
MATTHEW PATCHING	301	10.5	7AM	6:00 PM	JD310 BACKHOE	1196	2		301	
SUZANNE STARKEY										
SKIP SIMPSON										

DESCRIPTION OF WORK (detail below):

Import and place topsoil, Elev 20.0-30.0.

Finish grade topsoil STA &+04 to 4+50.

Laid out for planting.

Water trees. Place topsoil around trees not yet planted to retain moisture.

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	7+05		4+50		110	1188	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.

2 rolls coir, 437 SY.

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. Bryce Simpson

DRAFT

```
"Model Number", "DataRAM 4 ", 106
"Serial no.  ", "D736      "
"Device no.  ", 1
"Tag Number  ", 3
"Start Time  ", 07:21:25
"Start Date  ", 29-Sep-2008
"Log Period  ", 00:01:00
"Number      ", 605
"CalFactor   ", 1.000000
"Unit        ", 0
"Unit Name   ", "(MASS )ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS    ", 97.408210
"Max MASS  @ ", 32  ,07:53:25  ,29-Sep-2008
"Avg MASS    ", 26.426600
"Max Diam    ", 0.594722
"Max Diam @  ", 35  ,07:56:25  ,29-Sep-2008
"Avg Diam    ", 0.259415
"ALARM       ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors      ", 0000
record,"(MASS )ug/m3", Temp, RHumidity, Diameter
     1,       53.6,  20.0,   33,   0.3863  ,07:22:25  ,29-Sep-2008
     2,       55.2,  19.9,   35,   0.3790  ,07:23:25  ,29-Sep-2008
     3,       56.5,  19.8,   37,   0.3431  ,07:24:25  ,29-Sep-2008
     4,       64.3,  19.7,   38,   0.3872  ,07:25:25  ,29-Sep-2008
     5,       60.4,  19.6,   40,   0.4091  ,07:26:25  ,29-Sep-2008
     6,       66.8,  19.5,   41,   0.3583  ,07:27:25  ,29-Sep-2008
     7,       60.7,  19.4,   42,   0.3533  ,07:28:25  ,29-Sep-2008
     8,       63.6,  19.3,   42,   0.3547  ,07:29:25  ,29-Sep-2008
     9,       63.7,  19.1,   43,   0.3499  ,07:30:25  ,29-Sep-2008
    10,       67.5,  19.0,   43,   0.3571  ,07:31:25  ,29-Sep-2008
    11,       71.8,  18.9,   44,   0.3931  ,07:32:25  ,29-Sep-2008
    12,       78.5,  18.8,   44,   0.4385  ,07:33:25  ,29-Sep-2008
    13,       80.1,  18.7,   45,   0.3852  ,07:34:25  ,29-Sep-2008
    14,       81.4,  18.6,   45,   0.4972  ,07:35:25  ,29-Sep-2008
    15,       80.1,  18.6,   46,   0.3953  ,07:36:25  ,29-Sep-2008
    16,       72.9,  18.5,   46,   0.3701  ,07:37:25  ,29-Sep-2008
    17,       75.6,  18.4,   47,   0.3710  ,07:38:25  ,29-Sep-2008
    18,       75.2,  18.3,   47,   0.4318  ,07:39:25  ,29-Sep-2008
    19,       57.4,  18.2,   48,   0.3114  ,07:40:25  ,29-Sep-2008
    20,       67.4,  18.1,   48,   0.3542  ,07:41:25  ,29-Sep-2008
    21,       77.1,  18.0,   48,   0.3937  ,07:42:25  ,29-Sep-2008
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247,	14.1,	28.4,	32,	0.2244	,11:28:25	,29-Sep-2008
248,	13.0,	28.4,	33,	0.1904	,11:29:25	,29-Sep-2008
249,	11.9,	28.4,	33,	0.1586	,11:30:25	,29-Sep-2008
250,	13.1,	28.4,	32,	0.1945	,11:31:25	,29-Sep-2008
251,	12.9,	28.4,	33,	0.2100	,11:32:25	,29-Sep-2008
252,	14.8,	28.4,	33,	0.2394	,11:33:25	,29-Sep-2008
253,	13.4,	28.4,	33,	0.1783	,11:34:25	,29-Sep-2008
254,	12.9,	28.4,	33,	0.1855	,11:35:25	,29-Sep-2008
255,	12.3,	28.4,	33,	0.2117	,11:36:25	,29-Sep-2008
256,	16.2,	28.5,	33,	0.1623	,11:37:25	,29-Sep-2008
257,	17.6,	28.5,	33,	0.2331	,11:38:25	,29-Sep-2008
258,	17.9,	28.5,	33,	0.2960	,11:39:25	,29-Sep-2008
259,	15.5,	28.4,	33,	0.2489	,11:40:25	,29-Sep-2008
260,	17.3,	28.4,	33,	0.2067	,11:41:25	,29-Sep-2008
261,	17.3,	28.4,	34,	0.2891	,11:42:25	,29-Sep-2008
262,	15.4,	28.3,	34,	0.2291	,11:43:25	,29-Sep-2008
263,	16.7,	28.2,	34,	0.2043	,11:44:25	,29-Sep-2008
264,	17.0,	28.2,	35,	0.2469	,11:45:25	,29-Sep-2008
265,	19.1,	28.1,	35,	0.3033	,11:46:25	,29-Sep-2008
266,	19.5,	28.1,	35,	0.3463	,11:47:25	,29-Sep-2008
267,	16.2,	28.0,	35,	0.2275	,11:48:25	,29-Sep-2008
268,	15.0,	28.0,	34,	0.2521	,11:49:25	,29-Sep-2008
269,	17.8,	27.9,	34,	0.2634	,11:50:25	,29-Sep-2008
270,	15.7,	27.8,	34,	0.2503	,11:51:25	,29-Sep-2008
271,	16.3,	27.7,	34,	0.2042	,11:52:25	,29-Sep-2008
272,	15.4,	27.7,	34,	0.1842	,11:53:25	,29-Sep-2008
273,	15.1,	27.7,	33,	0.2079	,11:54:25	,29-Sep-2008
274,	14.1,	27.6,	33,	0.1752	,11:55:25	,29-Sep-2008
275,	15.2,	27.5,	32,	0.2711	,11:56:25	,29-Sep-2008
276,	13.4,	27.5,	32,	0.2598	,11:57:25	,29-Sep-2008
277,	17.2,	27.4,	31,	0.2764	,11:58:25	,29-Sep-2008
278,	14.0,	27.4,	31,	0.2397	,11:59:25	,29-Sep-2008
279,	14.2,	27.3,	31,	0.1853	,12:00:25	,29-Sep-2008
280,	12.4,	27.3,	31,	0.2237	,12:01:25	,29-Sep-2008
281,	12.1,	27.3,	31,	0.2490	,12:02:25	,29-Sep-2008
282,	12.9,	27.3,	30,	0.2540	,12:03:25	,29-Sep-2008
283,	14.6,	27.3,	30,	0.2603	,12:04:25	,29-Sep-2008
284,	11.7,	27.3,	30,	0.2121	,12:05:25	,29-Sep-2008
285,	13.6,	27.3,	30,	0.1980	,12:06:25	,29-Sep-2008
286,	14.6,	27.4,	30,	0.3157	,12:07:25	,29-Sep-2008
287,	13.7,	27.4,	30,	0.2174	,12:08:25	,29-Sep-2008
288,	15.6,	27.5,	29,	0.2375	,12:09:25	,29-Sep-2008
289,	12.4,	27.5,	30,	0.2096	,12:10:25	,29-Sep-2008
290,	14.6,	27.6,	29,	0.2513	,12:11:25	,29-Sep-2008

291,	16.0,	27.6,	29,	0.2592	,12:12:25	,29-Sep-2008
292,	14.7,	27.7,	29,	0.2421	,12:13:25	,29-Sep-2008
293,	14.2,	27.8,	29,	0.2164	,12:14:25	,29-Sep-2008
294,	14.0,	27.9,	29,	0.2448	,12:15:25	,29-Sep-2008
295,	14.6,	28.0,	29,	0.2740	,12:16:25	,29-Sep-2008
296,	12.7,	28.0,	28,	0.2684	,12:17:25	,29-Sep-2008
297,	13.3,	28.1,	28,	0.1939	,12:18:25	,29-Sep-2008
298,	12.5,	28.2,	28,	0.1942	,12:19:25	,29-Sep-2008
299,	14.8,	28.2,	27,	0.2981	,12:20:25	,29-Sep-2008
300,	14.5,	28.4,	27,	0.2082	,12:21:25	,29-Sep-2008
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302,	15.7,	28.5,	27,	0.3213	,12:23:25	,29-Sep-2008
303,	13.1,	28.6,	27,	0.2559	,12:24:25	,29-Sep-2008
304,	11.9,	28.7,	26,	0.2851	,12:25:25	,29-Sep-2008
305,	10.7,	28.8,	26,	0.1799	,12:26:25	,29-Sep-2008
306,	13.3,	28.9,	26,	0.2236	,12:27:25	,29-Sep-2008
307,	16.0,	29.0,	26,	0.2376	,12:28:25	,29-Sep-2008
308,	21.5,	29.1,	26,	0.2275	,12:29:25	,29-Sep-2008
309,	19.8,	29.2,	26,	0.2656	,12:30:25	,29-Sep-2008
310,	20.5,	29.3,	26,	0.2832	,12:31:25	,29-Sep-2008
311,	23.4,	29.5,	26,	0.3952	,12:32:25	,29-Sep-2008
312,	24.5,	29.6,	26,	0.2196	,12:33:25	,29-Sep-2008
313,	29.5,	29.7,	26,	0.3887	,12:34:25	,29-Sep-2008
314,	27.2,	29.8,	26,	0.4746	,12:35:25	,29-Sep-2008
315,	29.4,	29.9,	26,	0.3829	,12:36:25	,29-Sep-2008
316,	29.2,	30.0,	26,	0.3110	,12:37:25	,29-Sep-2008
317,	29.2,	30.1,	26,	0.3764	,12:38:25	,29-Sep-2008
318,	28.6,	30.2,	25,	0.5168	,12:39:25	,29-Sep-2008
319,	26.6,	30.3,	25,	0.3423	,12:40:25	,29-Sep-2008
320,	26.2,	30.4,	25,	0.3370	,12:41:25	,29-Sep-2008
321,	33.1,	30.5,	25,	0.5186	,12:42:25	,29-Sep-2008
322,	27.0,	30.6,	25,	0.2611	,12:43:25	,29-Sep-2008
323,	28.4,	30.7,	25,	0.3478	,12:44:25	,29-Sep-2008
324,	31.2,	30.8,	25,	0.5196	,12:45:25	,29-Sep-2008
325,	26.1,	30.9,	25,	0.3224	,12:46:25	,29-Sep-2008
326,	28.3,	31.0,	24,	0.3287	,12:47:25	,29-Sep-2008
327,	28.5,	31.0,	24,	0.4544	,12:48:25	,29-Sep-2008
328,	25.9,	31.1,	24,	0.3362	,12:49:25	,29-Sep-2008
329,	23.6,	31.2,	24,	0.2784	,12:50:25	,29-Sep-2008
330,	23.2,	31.2,	24,	0.3241	,12:51:25	,29-Sep-2008
331,	27.7,	31.3,	24,	0.2849	,12:52:25	,29-Sep-2008
332,	23.4,	31.4,	24,	0.2749	,12:53:25	,29-Sep-2008
333,	24.3,	31.5,	24,	0.3266	,12:54:25	,29-Sep-2008
334,	24.4,	31.5,	24,	0.3092	,12:55:25	,29-Sep-2008
335,	26.4,	31.6,	24,	0.3526	,12:56:25	,29-Sep-2008
336,	28.2,	31.7,	24,	0.3750	,12:57:25	,29-Sep-2008
337,	29.9,	31.7,	24,	0.2850	,12:58:25	,29-Sep-2008
338,	25.2,	31.8,	24,	0.3229	,12:59:25	,29-Sep-2008
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340,	25.8,	32.0,	25,	0.3500	,13:01:25	,29-Sep-2008
341,	22.2,	32.0,	25,	0.2924	,13:02:25	,29-Sep-2008
342,	23.2,	32.1,	24,	0.3158	,13:03:25	,29-Sep-2008
343,	23.2,	32.1,	25,	0.2899	,13:04:25	,29-Sep-2008
344,	21.0,	32.2,	25,	0.3072	,13:05:25	,29-Sep-2008
345,	20.8,	32.2,	25,	0.2470	,13:06:25	,29-Sep-2008
346,	18.6,	32.3,	24,	0.2218	,13:07:25	,29-Sep-2008
347,	20.6,	32.4,	24,	0.2166	,13:08:25	,29-Sep-2008
348,	22.2,	32.4,	24,	0.2267	,13:09:25	,29-Sep-2008
349,	21.0,	32.5,	24,	0.2700	,13:10:25	,29-Sep-2008
350,	22.6,	32.5,	25,	0.2756	,13:11:25	,29-Sep-2008
351,	23.4,	32.6,	24,	0.2967	,13:12:25	,29-Sep-2008
352,	19.5,	32.7,	24,	0.2360	,13:13:25	,29-Sep-2008
353,	19.0,	32.7,	24,	0.2808	,13:14:25	,29-Sep-2008

354,	23.6,	32.8,	24,	0.2459	,13:15:25	,29-Sep-2008
355,	20.7,	32.9,	24,	0.2484	,13:16:25	,29-Sep-2008
356,	21.3,	32.9,	24,	0.3855	,13:17:25	,29-Sep-2008
357,	23.6,	33.0,	25,	0.3716	,13:18:25	,29-Sep-2008
358,	18.7,	33.0,	25,	0.2378	,13:19:25	,29-Sep-2008
359,	20.7,	33.1,	26,	0.2915	,13:20:25	,29-Sep-2008
360,	19.4,	33.1,	26,	0.3077	,13:21:25	,29-Sep-2008
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363,	16.1,	33.2,	24,	0.1960	,13:24:25	,29-Sep-2008
364,	21.3,	33.3,	25,	0.2902	,13:25:25	,29-Sep-2008
365,	21.1,	33.3,	25,	0.2985	,13:26:25	,29-Sep-2008
366,	21.6,	33.4,	25,	0.2644	,13:27:25	,29-Sep-2008
367,	21.9,	33.4,	24,	0.2981	,13:28:25	,29-Sep-2008
368,	22.1,	33.5,	23,	0.2546	,13:29:25	,29-Sep-2008
369,	24.5,	33.5,	23,	0.3543	,13:30:25	,29-Sep-2008
370,	21.0,	33.6,	22,	0.2677	,13:31:25	,29-Sep-2008
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372,	23.4,	33.7,	22,	0.3475	,13:33:25	,29-Sep-2008
373,	18.6,	33.7,	22,	0.2495	,13:34:25	,29-Sep-2008
374,	17.8,	33.8,	22,	0.2763	,13:35:25	,29-Sep-2008
375,	17.3,	33.9,	22,	0.2125	,13:36:25	,29-Sep-2008
376,	17.1,	34.0,	22,	0.2203	,13:37:25	,29-Sep-2008
377,	22.7,	34.0,	21,	0.2965	,13:38:25	,29-Sep-2008
378,	19.3,	34.1,	21,	0.1900	,13:39:25	,29-Sep-2008
379,	23.9,	34.2,	21,	0.3011	,13:40:25	,29-Sep-2008
380,	17.3,	34.2,	21,	0.3151	,13:41:25	,29-Sep-2008
381,	23.0,	34.3,	20,	0.3764	,13:42:25	,29-Sep-2008
382,	18.5,	34.4,	21,	0.3188	,13:43:25	,29-Sep-2008
383,	19.4,	34.5,	20,	0.3040	,13:44:25	,29-Sep-2008
384,	20.6,	34.5,	20,	0.3302	,13:45:25	,29-Sep-2008
385,	19.8,	34.6,	20,	0.2628	,13:46:25	,29-Sep-2008
386,	21.6,	34.6,	19,	0.5918	,13:47:25	,29-Sep-2008
387,	27.1,	34.7,	19,	0.3555	,13:48:25	,29-Sep-2008
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389,	44.8,	34.7,	19,	0.4684	,13:50:25	,29-Sep-2008
390,	31.0,	34.8,	19,	0.3586	,13:51:25	,29-Sep-2008
391,	22.9,	34.8,	19,	0.2612	,13:52:25	,29-Sep-2008
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393,	75.6,	34.9,	19,	0.4322	,13:54:25	,29-Sep-2008
394,	94.6,	34.9,	19,	0.4332	,13:55:25	,29-Sep-2008
395,	17.2,	35.0,	19,	0.2852	,13:56:25	,29-Sep-2008
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398,	25.9,	35.0,	18,	0.3355	,13:59:25	,29-Sep-2008
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405,	21.9,	35.1,	17,	0.2023	,14:06:25	,29-Sep-2008
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407,	21.8,	35.1,	17,	0.3721	,14:08:25	,29-Sep-2008
408,	19.3,	35.2,	17,	0.3092	,14:09:25	,29-Sep-2008
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410,	14.3,	35.2,	17,	0.1793	,14:11:25	,29-Sep-2008
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416,	11.0,	35.4,	16,	0.2172	,14:17:25	,29-Sep-2008

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422,	19.8,	35.4,	16,	0.2262	,14:23:25	,29-Sep-2008
423,	13.6,	35.4,	16,	0.2389	,14:24:25	,29-Sep-2008
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429,	16.7,	35.5,	16,	0.2652	,14:30:25	,29-Sep-2008
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434,	18.2,	35.4,	15,	0.3334	,14:35:25	,29-Sep-2008
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444,	13.8,	35.5,	15,	0.2247	,14:45:25	,29-Sep-2008
445,	13.7,	35.5,	15,	0.1867	,14:46:25	,29-Sep-2008
446,	37.5,	35.5,	15,	0.3612	,14:47:25	,29-Sep-2008
447,	23.3,	35.5,	15,	0.2999	,14:48:25	,29-Sep-2008
448,	52.4,	35.5,	15,	0.4705	,14:49:25	,29-Sep-2008
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453,	14.2,	35.6,	15,	0.1736	,14:54:25	,29-Sep-2008
454,	17.8,	35.6,	15,	0.2204	,14:55:25	,29-Sep-2008
455,	12.0,	35.6,	15,	0.1405	,14:56:25	,29-Sep-2008
456,	15.8,	35.7,	15,	0.1810	,14:57:25	,29-Sep-2008
457,	26.9,	35.7,	15,	0.1708	,14:58:25	,29-Sep-2008
458,	13.1,	35.7,	15,	0.1667	,14:59:25	,29-Sep-2008
459,	12.2,	35.7,	15,	0.1787	,15:00:25	,29-Sep-2008
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463,	10.7,	35.6,	15,	0.1460	,15:04:25	,29-Sep-2008
464,	13.0,	35.6,	15,	0.1981	,15:05:25	,29-Sep-2008
465,	15.5,	35.6,	15,	0.2337	,15:06:25	,29-Sep-2008
466,	15.2,	35.6,	15,	0.1942	,15:07:25	,29-Sep-2008
467,	11.3,	35.6,	15,	0.2708	,15:08:25	,29-Sep-2008
468,	10.4,	35.6,	15,	0.2384	,15:09:25	,29-Sep-2008
469,	9.5,	35.6,	15,	0.1437	,15:10:25	,29-Sep-2008
470,	12.2,	35.6,	15,	0.1085	,15:11:25	,29-Sep-2008
471,	18.5,	35.6,	15,	0.1615	,15:12:25	,29-Sep-2008
472,	16.2,	35.6,	15,	0.1243	,15:13:25	,29-Sep-2008
473,	16.2,	35.6,	15,	0.0996	,15:14:25	,29-Sep-2008
474,	23.9,	35.6,	15,	0.1828	,15:15:25	,29-Sep-2008
475,	17.7,	35.6,	15,	0.2340	,15:16:25	,29-Sep-2008
476,	16.0,	35.6,	15,	0.2368	,15:17:25	,29-Sep-2008
477,	12.3,	35.6,	15,	0.1506	,15:18:25	,29-Sep-2008
478,	16.2,	35.6,	15,	0.2037	,15:19:25	,29-Sep-2008
479,	16.9,	35.7,	15,	0.2231	,15:20:25	,29-Sep-2008

480,	30.0,	35.7,	15,	0.3751	,15:21:25	,29-Sep-2008
481,	15.7,	35.7,	15,	0.1753	,15:22:25	,29-Sep-2008
482,	14.2,	35.7,	15,	0.2093	,15:23:25	,29-Sep-2008
483,	16.1,	35.8,	15,	0.2224	,15:24:25	,29-Sep-2008
484,	9.0,	35.8,	15,	0.2486	,15:25:25	,29-Sep-2008
485,	10.4,	35.8,	15,	0.1782	,15:26:25	,29-Sep-2008
486,	13.9,	35.8,	15,	0.2184	,15:27:25	,29-Sep-2008
487,	12.6,	35.8,	15,	0.3328	,15:28:25	,29-Sep-2008
488,	16.2,	35.8,	15,	0.5015	,15:29:25	,29-Sep-2008
489,	9.8,	35.9,	15,	0.1446	,15:30:25	,29-Sep-2008
490,	15.1,	35.9,	15,	0.1960	,15:31:25	,29-Sep-2008
491,	21.6,	35.9,	15,	0.1752	,15:32:25	,29-Sep-2008
492,	23.7,	35.9,	15,	0.2283	,15:33:25	,29-Sep-2008
493,	12.1,	36.0,	15,	0.2249	,15:34:25	,29-Sep-2008
494,	12.7,	36.0,	15,	0.2628	,15:35:25	,29-Sep-2008
495,	8.8,	36.0,	15,	0.1782	,15:36:25	,29-Sep-2008
496,	11.3,	36.0,	14,	0.2248	,15:37:25	,29-Sep-2008
497,	11.7,	36.0,	14,	0.2034	,15:38:25	,29-Sep-2008
498,	7.3,	36.0,	15,	0.1558	,15:39:25	,29-Sep-2008
499,	15.8,	36.1,	15,	0.1568	,15:40:25	,29-Sep-2008
500,	10.1,	36.1,	15,	0.1539	,15:41:25	,29-Sep-2008
501,	8.9,	36.1,	15,	0.1382	,15:42:25	,29-Sep-2008
502,	11.2,	36.1,	14,	0.2071	,15:43:25	,29-Sep-2008
503,	12.8,	36.2,	15,	0.1505	,15:44:25	,29-Sep-2008
504,	13.0,	36.2,	15,	0.2747	,15:45:25	,29-Sep-2008
505,	9.9,	36.2,	15,	0.2469	,15:46:25	,29-Sep-2008
506,	8.4,	36.2,	15,	0.1721	,15:47:25	,29-Sep-2008
507,	7.4,	36.3,	14,	0.1539	,15:48:25	,29-Sep-2008
508,	15.8,	36.3,	14,	0.2336	,15:49:25	,29-Sep-2008
509,	13.9,	36.3,	14,	0.2082	,15:50:25	,29-Sep-2008
510,	9.6,	36.3,	14,	0.2264	,15:51:25	,29-Sep-2008
511,	19.4,	36.2,	14,	0.1778	,15:52:25	,29-Sep-2008
512,	20.6,	36.2,	14,	0.1615	,15:53:25	,29-Sep-2008
513,	19.7,	36.2,	14,	0.2363	,15:54:25	,29-Sep-2008
514,	16.6,	36.2,	14,	0.3166	,15:55:25	,29-Sep-2008
515,	18.1,	36.2,	14,	0.2199	,15:56:25	,29-Sep-2008
516,	11.0,	36.2,	14,	0.2078	,15:57:25	,29-Sep-2008
517,	15.1,	36.2,	14,	0.3197	,15:58:25	,29-Sep-2008
518,	13.1,	36.2,	14,	0.1558	,15:59:25	,29-Sep-2008
519,	18.0,	36.2,	14,	0.2000	,16:00:25	,29-Sep-2008
520,	17.1,	36.2,	14,	0.1756	,16:01:25	,29-Sep-2008
521,	16.6,	36.1,	14,	0.2841	,16:02:25	,29-Sep-2008
522,	20.9,	36.1,	14,	0.1629	,16:03:25	,29-Sep-2008
523,	28.0,	36.1,	14,	0.2951	,16:04:25	,29-Sep-2008
524,	20.9,	36.0,	14,	0.1738	,16:05:25	,29-Sep-2008
525,	18.6,	36.0,	14,	0.1985	,16:06:25	,29-Sep-2008
526,	23.8,	36.0,	14,	0.2490	,16:07:25	,29-Sep-2008
527,	36.9,	36.0,	14,	0.2668	,16:08:25	,29-Sep-2008
528,	52.0,	36.0,	14,	0.2800	,16:09:25	,29-Sep-2008
529,	32.9,	36.0,	14,	0.2229	,16:10:25	,29-Sep-2008
530,	13.0,	36.0,	14,	0.1831	,16:11:25	,29-Sep-2008
531,	27.1,	36.0,	14,	0.1973	,16:12:25	,29-Sep-2008
532,	23.0,	36.0,	14,	0.3517	,16:13:25	,29-Sep-2008
533,	7.5,	36.1,	14,	0.1905	,16:14:25	,29-Sep-2008
534,	10.1,	36.1,	14,	0.1520	,16:15:25	,29-Sep-2008
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536,	9.5,	36.1,	14,	0.2064	,16:17:25	,29-Sep-2008
537,	10.5,	36.1,	14,	0.1518	,16:18:25	,29-Sep-2008
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545,	33.0,	36.1,	15,	0.3178	,16:26:25	,29-Sep-2008
546,	30.3,	36.2,	15,	0.2334	,16:27:25	,29-Sep-2008
547,	36.1,	36.2,	15,	0.4219	,16:28:25	,29-Sep-2008
548,	11.7,	36.2,	15,	0.2423	,16:29:25	,29-Sep-2008
549,	10.0,	36.2,	15,	0.1371	,16:30:25	,29-Sep-2008
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552,	22.4,	36.3,	15,	0.2630	,16:33:25	,29-Sep-2008
553,	12.2,	36.3,	15,	0.1847	,16:34:25	,29-Sep-2008
554,	22.4,	36.3,	15,	0.1919	,16:35:25	,29-Sep-2008
555,	11.6,	36.3,	15,	0.1550	,16:36:25	,29-Sep-2008
556,	14.1,	36.4,	14,	0.2015	,16:37:25	,29-Sep-2008
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559,	24.2,	36.4,	14,	0.1513	,16:40:25	,29-Sep-2008
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576,	14.1,	36.4,	14,	0.2815	,16:57:25	,29-Sep-2008
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580,	30.3,	36.5,	15,	0.2190	,17:01:25	,29-Sep-2008
581,	11.7,	36.5,	14,	0.2343	,17:02:25	,29-Sep-2008
582,	10.7,	36.5,	14,	0.1886	,17:03:25	,29-Sep-2008
583,	15.6,	36.5,	15,	0.1424	,17:04:25	,29-Sep-2008
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590,	9.4,	36.5,	15,	0.1559	,17:11:25	,29-Sep-2008
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592,	16.1,	36.5,	15,	0.1761	,17:13:25	,29-Sep-2008
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594,	8.3,	36.5,	15,	0.1477	,17:15:25	,29-Sep-2008
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597,	21.6,	36.4,	15,	0.3567	,17:18:25	,29-Sep-2008
598,	23.1,	36.4,	15,	0.1624	,17:19:25	,29-Sep-2008
599,	18.7,	36.3,	15,	0.2296	,17:20:25	,29-Sep-2008
600,	9.4,	36.3,	15,	0.2682	,17:21:25	,29-Sep-2008
601,	9.7,	36.2,	15,	0.2247	,17:22:25	,29-Sep-2008
602,	12.1,	36.1,	15,	0.2429	,17:23:25	,29-Sep-2008
603,	11.7,	36.1,	15,	0.1852	,17:24:25	,29-Sep-2008
604,	17.4,	36.0,	15,	0.1825	,17:25:25	,29-Sep-2008
605,	19.0,	35.9,	15,	0.1623	,17:26:25	,29-Sep-2008

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., Sept 29, 2008 **REPORT NO.** 40

WEATHER Sunny **TEMPERATURE** 54L 76H

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)
John Deere 544 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

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

(07:00) Contractor's safety meeting: Environcon's Superintendent George Lotze has returned to Wheeler Bay as acting superivisor. Operator Kevin George is off site on another project and will not return to Wheeler Bay.

Today, contractor had 5 loads (approx. 110 cuyds) of approved top soil delivered and placed 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 applying water to topsoil for dust abatement while broadcasting topsoil into place.
Contractor planted approx. a dozen new trees starting at elev. 15 at sta 6+75, following willow planting pattern dwg. Detail 3/L2 and sheet L-1.

Ashcreek's on site inspector (Doug) verifying 1'-2' depth of topsoil by probing through fabric to top of subgrade, all areas where top soil is placed.

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:

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., Sept 29, 2008 **REPORT NO.** 40

WEATHER Sunny **TEMPERATURE** 54L 76H

INSPECTOR Philipp G. Bales HRS DATE 9-29-8

(signature on hardcopy)

Ash Creek Associates, Inc.
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PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	41		
PAGE	1	OF	2
DATE	9/30/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	1410
LOCATION	Terminal 4	DEPARTURE TIME	1540
CLIENT	Port of Portland	WEATHER	partly cloudy 70F; Winds: W 2-4 mph
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	D. Urquhart	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			X	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			X	X
Jute Matting			X		
Habitat Logs and LWD	X			X	X

COMMENTS:

Finish placing topsoil at 1' depth from 5+50 to 2+50 EL 20' to 30'. Place habitat logs at 7+00. Begin placing habitat cover at toe from 2+50 to 7+00. Habitat cover delivered to site, visually meets specifications (30% 3/4" to 2" round rock and 70% med, grain sand).

Finish placing demarcation layer from 0+10 to 0+00

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Fax (503) 924-4707

PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	41		
PAGE	2	OF	2
DATE	9/30/2008		

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:

Place top soil, install habitat logs, place habitat cover, and demarcation layter (see page 1).

BY

Douglas Urquhart
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: __80___	Site Conditions:	dry	Date:	9/30/2008
Min Temp: __58___	Winds:	light	Week Day:	Tuesday
	Precipitation	none	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	6		301	Fish Mix
GEORGE LOTZE	301	12	7AM	7PM	FEL loader	United	6		301	Fish Mix
RICK MARTIN										
SCOTT LAW	301	10.5	7AM	6PM	PC200 EXC.	3366	6		301	Fish Mix
MATTHEW PATCHING	301	10.5	7AM	6PM	WATER TRUCK	United	3		301	Fish Mix
SKIP SIMPSON					JD310 BACKHOE	1196				
SUZANNE STARKEY										

DESCRIPTION OF WORK (detail below):

Import fish mix and place. Dust control. <<<< 43 loads, 676.41 tons, >>>>

Import topsoil and place. <<<< 3 loads, 66 cu yds, >>>>

Repair silt fence. Front end loader rented from United Rentals onsite at 8AM. Water trees.

Place habitat logs at STA 7+04 and chain into place.

Place coir fabric at STA 7+04. Place demarcation layer at STA 0+00 to 0+10

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	4+50		5+50		80	80	X	312000-3 (2.6)
Topsoil	1+00		1+40		66	1254	X	329119-2 (2.5)
Coir Fabric	7+04		7+12		14		X	329119-2 (2.2)
Jute Matting								329119-2 (2.1)
Mulch								329300-4 (2.2)
Habitat Logs	7+04		6+80		3	6	X	353200-3 (3.3)
Shrubs & Plantings								329300
Hydroseeding								329219
Geotextile fabric								

COMMENTS (Material Delivered-Removed/Qty.):

Fish mix = 676.41 tons, Topsoil= 66 cu yds,

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: rev.1 DRAFT

```
"Model Number", "DataRAM 4 ", 106
"Serial no.  ", "D736      "
"Device no.  ", 1
"Tag Number  ", 3
"Start Time  ", 06:47:17
"Start Date  ", 30-Sep-2008
"Log Period  ", 00:01:00
"Number      ", 682
"CalFactor   ", 1.000000
"Unit        ", 0
"Unit Name   ", "(MASS )ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS   ", C
"Max MASS    ", 97.117230
"Max MASS  @ ", 162  ,09:29:17  ,30-Sep-2008
"Avg MASS    ", 51.910690
"Max Diam    ", 0.414484
"Max Diam @  ", 510  ,15:17:17  ,30-Sep-2008
"Avg Diam    ", 0.250226
"ALARM       ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO   ", "DISABLED"
"AZ INTERVAL ", 1
"Errors      ", 0000
record,"(MASS )ug/m3", Temp, RHumidity, Diameter
     1,       35.6,  19.0,   20,   0.2510  ,06:48:17  ,30-Sep-2008
     2,       37.0,  19.0,   26,   0.1970  ,06:49:17  ,30-Sep-2008
     3,       36.5,  19.0,   31,   0.1869  ,06:50:17  ,30-Sep-2008
     4,       35.4,  18.9,   34,   0.1949  ,06:51:17  ,30-Sep-2008
     5,       34.3,  18.9,   37,   0.1786  ,06:52:17  ,30-Sep-2008
     6,       35.9,  18.8,   40,   0.2133  ,06:53:17  ,30-Sep-2008
     7,       38.2,  18.7,   42,   0.2014  ,06:54:17  ,30-Sep-2008
     8,       36.9,  18.7,   44,   0.2012  ,06:55:17  ,30-Sep-2008
     9,       36.9,  18.6,   45,   0.2087  ,06:56:17  ,30-Sep-2008
    10,       36.2,  18.6,   46,   0.2013  ,06:57:17  ,30-Sep-2008
    11,       37.8,  18.5,   48,   0.2090  ,06:58:17  ,30-Sep-2008
    12,       40.1,  18.4,   49,   0.1906  ,06:59:17  ,30-Sep-2008
    13,       42.4,  18.4,   50,   0.2211  ,07:00:17  ,30-Sep-2008
    14,       42.5,  18.3,   51,   0.2310  ,07:01:17  ,30-Sep-2008
    15,       51.8,  18.2,   52,   0.3160  ,07:02:17  ,30-Sep-2008
    16,       45.2,  18.1,   52,   0.2157  ,07:03:17  ,30-Sep-2008
    17,       54.2,  18.1,   53,   0.2435  ,07:04:17  ,30-Sep-2008
    18,       70.4,  18.0,   54,   0.2735  ,07:05:17  ,30-Sep-2008
    19,       55.3,  18.0,   54,   0.2552  ,07:06:17  ,30-Sep-2008
    20,       57.9,  17.9,   54,   0.2541  ,07:07:17  ,30-Sep-2008
    21,       58.8,  17.8,   55,   0.2270  ,07:08:17  ,30-Sep-2008
    22,       62.2,  17.7,   55,   0.2495  ,07:09:17  ,30-Sep-2008
    23,       63.6,  17.7,   55,   0.2710  ,07:10:17  ,30-Sep-2008
    24,       56.6,  17.6,   56,   0.2280  ,07:11:17  ,30-Sep-2008
    25,       55.0,  17.5,   56,   0.2262  ,07:12:17  ,30-Sep-2008
    26,       53.2,  17.5,   56,   0.2142  ,07:13:17  ,30-Sep-2008
    27,       55.2,  17.4,   57,   0.2161  ,07:14:17  ,30-Sep-2008
    28,       54.0,  17.3,   57,   0.2181  ,07:15:17  ,30-Sep-2008
    29,       55.4,  17.2,   57,   0.2184  ,07:16:17  ,30-Sep-2008
    30,       55.0,  17.1,   58,   0.2111  ,07:17:17  ,30-Sep-2008
    31,       54.8,  17.1,   58,   0.2117  ,07:18:17  ,30-Sep-2008
    32,       61.0,  17.0,   59,   0.2401  ,07:19:17  ,30-Sep-2008
    33,       71.8,  17.0,   59,   0.2676  ,07:20:17  ,30-Sep-2008
    34,       71.3,  16.9,   59,   0.2859  ,07:21:17  ,30-Sep-2008
    35,       61.3,  16.8,   60,   0.2601  ,07:22:17  ,30-Sep-2008
    36,       56.0,  16.8,   60,   0.2397  ,07:23:17  ,30-Sep-2008
    37,       56.9,  16.7,   60,   0.2129  ,07:24:17  ,30-Sep-2008
    38,       57.3,  16.7,   61,   0.2291  ,07:25:17  ,30-Sep-2008
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39,	59.3,	16.6,	61,	0.2373	,07:26:17	,30-Sep-2008
40,	64.3,	16.6,	61,	0.2683	,07:27:17	,30-Sep-2008
41,	67.7,	16.5,	61,	0.2624	,07:28:17	,30-Sep-2008
42,	59.2,	16.5,	62,	0.2405	,07:29:17	,30-Sep-2008
43,	66.3,	16.4,	62,	0.2760	,07:30:17	,30-Sep-2008
44,	67.1,	16.3,	62,	0.2889	,07:31:17	,30-Sep-2008
45,	60.8,	16.3,	62,	0.2284	,07:32:17	,30-Sep-2008
46,	65.5,	16.2,	63,	0.2637	,07:33:17	,30-Sep-2008
47,	69.2,	16.2,	63,	0.2692	,07:34:17	,30-Sep-2008
48,	76.1,	16.1,	63,	0.2738	,07:35:17	,30-Sep-2008
49,	76.2,	16.1,	64,	0.2793	,07:36:17	,30-Sep-2008
50,	73.0,	16.0,	64,	0.2634	,07:37:17	,30-Sep-2008
51,	72.7,	16.0,	64,	0.2474	,07:38:17	,30-Sep-2008
52,	71.8,	16.0,	64,	0.2784	,07:39:17	,30-Sep-2008
53,	69.3,	16.0,	65,	0.2707	,07:40:17	,30-Sep-2008
54,	61.4,	15.9,	65,	0.2475	,07:41:17	,30-Sep-2008
55,	85.8,	15.9,	65,	0.3029	,07:42:17	,30-Sep-2008
56,	61.7,	15.9,	65,	0.2580	,07:43:17	,30-Sep-2008
57,	59.3,	15.8,	66,	0.2478	,07:44:17	,30-Sep-2008
58,	61.7,	15.8,	66,	0.2384	,07:45:17	,30-Sep-2008
59,	58.7,	15.7,	66,	0.2287	,07:46:17	,30-Sep-2008
60,	57.4,	15.7,	66,	0.2405	,07:47:17	,30-Sep-2008
61,	58.6,	15.7,	66,	0.2366	,07:48:17	,30-Sep-2008
62,	62.0,	15.6,	66,	0.2391	,07:49:17	,30-Sep-2008
63,	58.3,	15.6,	67,	0.2259	,07:50:17	,30-Sep-2008
64,	58.4,	15.6,	67,	0.2393	,07:51:17	,30-Sep-2008
65,	57.5,	15.5,	67,	0.2310	,07:52:17	,30-Sep-2008
66,	57.3,	15.5,	67,	0.2311	,07:53:17	,30-Sep-2008
67,	59.3,	15.5,	67,	0.2293	,07:54:17	,30-Sep-2008
68,	59.7,	15.5,	68,	0.2438	,07:55:17	,30-Sep-2008
69,	61.1,	15.4,	68,	0.2456	,07:56:17	,30-Sep-2008
70,	62.9,	15.4,	68,	0.2522	,07:57:17	,30-Sep-2008
71,	62.2,	15.4,	68,	0.2411	,07:58:17	,30-Sep-2008
72,	63.1,	15.4,	68,	0.2400	,07:59:17	,30-Sep-2008
73,	66.1,	15.3,	68,	0.2622	,08:00:17	,30-Sep-2008
74,	66.2,	15.3,	69,	0.2475	,08:01:17	,30-Sep-2008
75,	64.1,	15.3,	69,	0.2595	,08:02:17	,30-Sep-2008
76,	60.9,	15.3,	69,	0.2289	,08:03:17	,30-Sep-2008
77,	69.1,	15.2,	69,	0.2470	,08:04:17	,30-Sep-2008
78,	75.7,	15.2,	69,	0.2745	,08:05:17	,30-Sep-2008
79,	70.3,	15.2,	69,	0.2702	,08:06:17	,30-Sep-2008
80,	78.4,	15.2,	69,	0.3108	,08:07:17	,30-Sep-2008
81,	69.8,	15.2,	69,	0.2805	,08:08:17	,30-Sep-2008
82,	63.6,	15.2,	70,	0.2790	,08:09:17	,30-Sep-2008
83,	69.0,	15.2,	70,	0.2478	,08:10:17	,30-Sep-2008
84,	68.4,	15.2,	70,	0.2547	,08:11:17	,30-Sep-2008
85,	63.5,	15.1,	70,	0.2695	,08:12:17	,30-Sep-2008
86,	68.5,	15.1,	70,	0.2663	,08:13:17	,30-Sep-2008
87,	65.9,	15.1,	71,	0.3043	,08:14:17	,30-Sep-2008
88,	60.2,	15.1,	71,	0.2504	,08:15:17	,30-Sep-2008
89,	62.0,	15.1,	71,	0.2428	,08:16:17	,30-Sep-2008
90,	63.4,	15.1,	71,	0.2437	,08:17:17	,30-Sep-2008
91,	69.2,	15.1,	71,	0.2725	,08:18:17	,30-Sep-2008
92,	71.4,	15.1,	71,	0.2767	,08:19:17	,30-Sep-2008
93,	71.4,	15.1,	72,	0.2698	,08:20:17	,30-Sep-2008
94,	71.8,	15.1,	72,	0.3091	,08:21:17	,30-Sep-2008
95,	64.4,	15.1,	72,	0.2770	,08:22:17	,30-Sep-2008
96,	64.5,	15.1,	72,	0.2655	,08:23:17	,30-Sep-2008
97,	62.6,	15.1,	72,	0.2508	,08:24:17	,30-Sep-2008
98,	62.3,	15.1,	72,	0.2475	,08:25:17	,30-Sep-2008
99,	77.2,	15.1,	72,	0.2856	,08:26:17	,30-Sep-2008
100,	75.6,	15.2,	72,	0.2824	,08:27:17	,30-Sep-2008
101,	77.1,	15.2,	72,	0.2659	,08:28:17	,30-Sep-2008

102,	69.7,	15.2,	73,	0.2768	,08:29:17	,30-Sep-2008
103,	70.8,	15.2,	73,	0.2888	,08:30:17	,30-Sep-2008
104,	66.3,	15.2,	73,	0.2551	,08:31:17	,30-Sep-2008
105,	71.4,	15.2,	73,	0.2714	,08:32:17	,30-Sep-2008
106,	67.9,	15.2,	73,	0.2556	,08:33:17	,30-Sep-2008
107,	68.0,	15.2,	73,	0.2779	,08:34:17	,30-Sep-2008
108,	65.9,	15.2,	73,	0.2300	,08:35:17	,30-Sep-2008
109,	68.4,	15.2,	73,	0.2409	,08:36:17	,30-Sep-2008
110,	75.6,	15.3,	73,	0.2686	,08:37:17	,30-Sep-2008
111,	80.5,	15.3,	73,	0.3227	,08:38:17	,30-Sep-2008
112,	74.2,	15.3,	73,	0.2850	,08:39:17	,30-Sep-2008
113,	79.0,	15.3,	73,	0.2965	,08:40:17	,30-Sep-2008
114,	70.7,	15.3,	74,	0.2399	,08:41:17	,30-Sep-2008
115,	68.1,	15.3,	74,	0.2568	,08:42:17	,30-Sep-2008
116,	66.7,	15.3,	74,	0.2650	,08:43:17	,30-Sep-2008
117,	67.8,	15.3,	74,	0.2564	,08:44:17	,30-Sep-2008
118,	67.5,	15.4,	74,	0.2543	,08:45:17	,30-Sep-2008
119,	66.0,	15.4,	74,	0.2400	,08:46:17	,30-Sep-2008
120,	69.2,	15.4,	74,	0.2577	,08:47:17	,30-Sep-2008
121,	71.3,	15.4,	74,	0.2547	,08:48:17	,30-Sep-2008
122,	70.0,	15.4,	74,	0.2476	,08:49:17	,30-Sep-2008
123,	67.8,	15.4,	74,	0.2435	,08:50:17	,30-Sep-2008
124,	69.7,	15.4,	74,	0.2578	,08:51:17	,30-Sep-2008
125,	68.4,	15.4,	74,	0.2482	,08:52:17	,30-Sep-2008
126,	71.4,	15.4,	74,	0.2389	,08:53:17	,30-Sep-2008
127,	70.2,	15.4,	74,	0.2574	,08:54:17	,30-Sep-2008
128,	70.1,	15.4,	74,	0.2651	,08:55:17	,30-Sep-2008
129,	69.9,	15.4,	74,	0.2312	,08:56:17	,30-Sep-2008
130,	69.7,	15.4,	74,	0.2383	,08:57:17	,30-Sep-2008
131,	70.0,	15.4,	75,	0.2428	,08:58:17	,30-Sep-2008
132,	69.1,	15.4,	74,	0.2412	,08:59:17	,30-Sep-2008
133,	71.0,	15.4,	74,	0.2524	,09:00:17	,30-Sep-2008
134,	73.1,	15.4,	75,	0.2509	,09:01:17	,30-Sep-2008
135,	70.8,	15.4,	74,	0.2359	,09:02:17	,30-Sep-2008
136,	73.1,	15.5,	75,	0.2498	,09:03:17	,30-Sep-2008
137,	70.9,	15.5,	74,	0.2394	,09:04:17	,30-Sep-2008
138,	69.6,	15.5,	75,	0.2484	,09:05:17	,30-Sep-2008
139,	69.9,	15.5,	74,	0.2346	,09:06:17	,30-Sep-2008
140,	68.4,	15.5,	74,	0.2218	,09:07:17	,30-Sep-2008
141,	68.2,	15.5,	74,	0.2218	,09:08:17	,30-Sep-2008
142,	74.6,	15.5,	74,	0.2472	,09:09:17	,30-Sep-2008
143,	72.7,	15.5,	74,	0.2463	,09:10:17	,30-Sep-2008
144,	68.7,	15.6,	75,	0.2252	,09:11:17	,30-Sep-2008
145,	75.7,	15.6,	74,	0.2619	,09:12:17	,30-Sep-2008
146,	70.2,	15.6,	75,	0.2352	,09:13:17	,30-Sep-2008
147,	74.5,	15.6,	75,	0.2182	,09:14:17	,30-Sep-2008
148,	72.9,	15.6,	74,	0.2328	,09:15:17	,30-Sep-2008
149,	67.6,	15.7,	74,	0.2344	,09:16:17	,30-Sep-2008
150,	68.8,	15.7,	75,	0.2547	,09:17:17	,30-Sep-2008
151,	65.1,	15.7,	74,	0.2398	,09:18:17	,30-Sep-2008
152,	62.0,	15.7,	74,	0.2254	,09:19:17	,30-Sep-2008
153,	62.6,	15.7,	74,	0.2279	,09:20:17	,30-Sep-2008
154,	68.1,	15.8,	74,	0.2484	,09:21:17	,30-Sep-2008
155,	65.2,	15.8,	74,	0.2476	,09:22:17	,30-Sep-2008
156,	64.5,	15.8,	74,	0.2301	,09:23:17	,30-Sep-2008
157,	69.1,	15.9,	74,	0.2486	,09:24:17	,30-Sep-2008
158,	72.0,	15.9,	74,	0.2555	,09:25:17	,30-Sep-2008
159,	74.1,	16.0,	74,	0.2375	,09:26:17	,30-Sep-2008
160,	78.1,	16.0,	74,	0.2761	,09:27:17	,30-Sep-2008
161,	89.1,	16.0,	74,	0.3028	,09:28:17	,30-Sep-2008
162,	97.1,	16.1,	74,	0.3062	,09:29:17	,30-Sep-2008
163,	86.4,	16.1,	74,	0.2907	,09:30:17	,30-Sep-2008
164,	86.5,	16.1,	74,	0.2979	,09:31:17	,30-Sep-2008

165,	79.1,	16.2,	74,	0.2951	,09:32:17	,30-Sep-2008
166,	75.9,	16.2,	73,	0.2665	,09:33:17	,30-Sep-2008
167,	73.5,	16.2,	74,	0.2375	,09:34:17	,30-Sep-2008
168,	71.4,	16.3,	73,	0.2534	,09:35:17	,30-Sep-2008
169,	74.1,	16.3,	73,	0.2619	,09:36:17	,30-Sep-2008
170,	65.4,	16.4,	73,	0.2196	,09:37:17	,30-Sep-2008
171,	68.3,	16.4,	73,	0.2204	,09:38:17	,30-Sep-2008
172,	71.4,	16.4,	73,	0.2322	,09:39:17	,30-Sep-2008
173,	69.9,	16.5,	73,	0.2401	,09:40:17	,30-Sep-2008
174,	68.7,	16.5,	73,	0.2290	,09:41:17	,30-Sep-2008
175,	67.2,	16.5,	73,	0.2251	,09:42:17	,30-Sep-2008
176,	68.8,	16.6,	73,	0.2332	,09:43:17	,30-Sep-2008
177,	64.7,	16.6,	73,	0.2311	,09:44:17	,30-Sep-2008
178,	67.0,	16.6,	73,	0.2292	,09:45:17	,30-Sep-2008
179,	67.9,	16.6,	72,	0.2386	,09:46:17	,30-Sep-2008
180,	67.5,	16.7,	72,	0.2331	,09:47:17	,30-Sep-2008
181,	64.8,	16.7,	72,	0.2168	,09:48:17	,30-Sep-2008
182,	67.3,	16.7,	72,	0.2264	,09:49:17	,30-Sep-2008
183,	63.6,	16.7,	72,	0.2214	,09:50:17	,30-Sep-2008
184,	63.4,	16.7,	72,	0.2099	,09:51:17	,30-Sep-2008
185,	65.6,	16.8,	72,	0.2239	,09:52:17	,30-Sep-2008
186,	67.6,	16.8,	72,	0.2306	,09:53:17	,30-Sep-2008
187,	65.0,	16.8,	72,	0.2308	,09:54:17	,30-Sep-2008
188,	63.0,	16.8,	72,	0.2217	,09:55:17	,30-Sep-2008
189,	67.2,	16.8,	72,	0.2412	,09:56:17	,30-Sep-2008
190,	64.5,	16.9,	72,	0.2170	,09:57:17	,30-Sep-2008
191,	67.9,	16.9,	72,	0.2693	,09:58:17	,30-Sep-2008
192,	63.4,	16.9,	72,	0.2490	,09:59:17	,30-Sep-2008
193,	77.8,	16.9,	72,	0.3045	,10:00:17	,30-Sep-2008
194,	65.5,	16.9,	72,	0.2886	,10:01:17	,30-Sep-2008
195,	63.8,	17.0,	71,	0.2442	,10:02:17	,30-Sep-2008
196,	64.4,	17.0,	71,	0.2420	,10:03:17	,30-Sep-2008
197,	67.0,	17.0,	71,	0.2409	,10:04:17	,30-Sep-2008
198,	64.0,	17.0,	71,	0.2544	,10:05:17	,30-Sep-2008
199,	64.1,	17.0,	71,	0.2551	,10:06:17	,30-Sep-2008
200,	64.6,	17.0,	71,	0.2465	,10:07:17	,30-Sep-2008
201,	63.9,	17.1,	71,	0.2150	,10:08:17	,30-Sep-2008
202,	62.7,	17.1,	71,	0.2317	,10:09:17	,30-Sep-2008
203,	63.8,	17.1,	71,	0.2242	,10:10:17	,30-Sep-2008
204,	59.6,	17.1,	71,	0.2187	,10:11:17	,30-Sep-2008
205,	62.3,	17.1,	71,	0.2310	,10:12:17	,30-Sep-2008
206,	61.2,	17.1,	71,	0.2282	,10:13:17	,30-Sep-2008
207,	62.9,	17.1,	71,	0.2335	,10:14:17	,30-Sep-2008
208,	69.2,	17.2,	70,	0.2340	,10:15:17	,30-Sep-2008
209,	65.7,	17.2,	70,	0.2250	,10:16:17	,30-Sep-2008
210,	60.0,	17.2,	70,	0.2074	,10:17:17	,30-Sep-2008
211,	65.0,	17.2,	70,	0.2409	,10:18:17	,30-Sep-2008
212,	62.6,	17.2,	70,	0.2379	,10:19:17	,30-Sep-2008
213,	58.4,	17.2,	70,	0.2256	,10:20:17	,30-Sep-2008
214,	61.3,	17.2,	70,	0.2404	,10:21:17	,30-Sep-2008
215,	62.3,	17.2,	70,	0.2312	,10:22:17	,30-Sep-2008
216,	61.2,	17.3,	70,	0.2283	,10:23:17	,30-Sep-2008
217,	60.3,	17.3,	70,	0.2248	,10:24:17	,30-Sep-2008
218,	60.1,	17.3,	70,	0.2345	,10:25:17	,30-Sep-2008
219,	59.6,	17.3,	70,	0.2298	,10:26:17	,30-Sep-2008
220,	58.3,	17.3,	70,	0.2291	,10:27:17	,30-Sep-2008
221,	59.9,	17.3,	70,	0.2256	,10:28:17	,30-Sep-2008
222,	60.7,	17.4,	70,	0.2455	,10:29:17	,30-Sep-2008
223,	57.4,	17.4,	70,	0.2124	,10:30:17	,30-Sep-2008
224,	57.7,	17.4,	70,	0.2172	,10:31:17	,30-Sep-2008
225,	58.7,	17.4,	70,	0.2204	,10:32:17	,30-Sep-2008
226,	58.8,	17.4,	70,	0.2262	,10:33:17	,30-Sep-2008
227,	57.3,	17.4,	70,	0.2236	,10:34:17	,30-Sep-2008

228,	57.7,	17.4,	70,	0.2291	,10:35:17	,30-Sep-2008
229,	56.1,	17.4,	70,	0.2167	,10:36:17	,30-Sep-2008
230,	60.3,	17.4,	70,	0.2302	,10:37:17	,30-Sep-2008
231,	63.9,	17.4,	70,	0.2430	,10:38:17	,30-Sep-2008
232,	61.7,	17.4,	70,	0.2186	,10:39:17	,30-Sep-2008
233,	62.6,	17.4,	70,	0.2106	,10:40:17	,30-Sep-2008
234,	69.2,	17.4,	70,	0.2478	,10:41:17	,30-Sep-2008
235,	64.8,	17.4,	70,	0.2292	,10:42:17	,30-Sep-2008
236,	59.9,	17.4,	69,	0.2261	,10:43:17	,30-Sep-2008
237,	62.6,	17.4,	69,	0.2385	,10:44:17	,30-Sep-2008
238,	64.6,	17.4,	69,	0.2556	,10:45:17	,30-Sep-2008
239,	65.4,	17.4,	69,	0.2477	,10:46:17	,30-Sep-2008
240,	66.3,	17.4,	69,	0.2258	,10:47:17	,30-Sep-2008
241,	61.6,	17.4,	69,	0.2151	,10:48:17	,30-Sep-2008
242,	61.4,	17.4,	69,	0.2481	,10:49:17	,30-Sep-2008
243,	55.8,	17.4,	69,	0.2259	,10:50:17	,30-Sep-2008
244,	55.9,	17.4,	69,	0.2210	,10:51:17	,30-Sep-2008
245,	53.5,	17.4,	69,	0.1983	,10:52:17	,30-Sep-2008
246,	54.1,	17.4,	69,	0.1880	,10:53:17	,30-Sep-2008
247,	56.0,	17.5,	69,	0.2179	,10:54:17	,30-Sep-2008
248,	60.7,	17.5,	69,	0.2407	,10:55:17	,30-Sep-2008
249,	57.3,	17.5,	69,	0.2504	,10:56:17	,30-Sep-2008
250,	61.0,	17.5,	69,	0.2100	,10:57:17	,30-Sep-2008
251,	49.6,	17.6,	69,	0.2159	,10:58:17	,30-Sep-2008
252,	47.7,	17.6,	69,	0.2277	,10:59:17	,30-Sep-2008
253,	47.2,	17.6,	69,	0.2055	,11:00:17	,30-Sep-2008
254,	52.0,	17.6,	69,	0.2435	,11:01:17	,30-Sep-2008
255,	45.1,	17.7,	69,	0.2149	,11:02:17	,30-Sep-2008
256,	45.4,	17.7,	69,	0.2145	,11:03:17	,30-Sep-2008
257,	44.3,	17.7,	69,	0.2096	,11:04:17	,30-Sep-2008
258,	43.2,	17.8,	69,	0.1928	,11:05:17	,30-Sep-2008
259,	46.9,	17.8,	69,	0.2395	,11:06:17	,30-Sep-2008
260,	42.2,	17.8,	69,	0.2109	,11:07:17	,30-Sep-2008
261,	42.6,	17.9,	68,	0.2019	,11:08:17	,30-Sep-2008
262,	41.9,	17.9,	68,	0.2013	,11:09:17	,30-Sep-2008
263,	41.9,	17.9,	68,	0.2038	,11:10:17	,30-Sep-2008
264,	41.9,	17.9,	68,	0.1865	,11:11:17	,30-Sep-2008
265,	45.1,	17.9,	68,	0.2130	,11:12:17	,30-Sep-2008
266,	44.6,	18.0,	68,	0.2090	,11:13:17	,30-Sep-2008
267,	45.5,	18.0,	68,	0.2015	,11:14:17	,30-Sep-2008
268,	44.5,	18.0,	68,	0.2197	,11:15:17	,30-Sep-2008
269,	45.5,	18.0,	68,	0.2128	,11:16:17	,30-Sep-2008
270,	45.0,	18.0,	68,	0.1997	,11:17:17	,30-Sep-2008
271,	50.9,	18.1,	68,	0.2368	,11:18:17	,30-Sep-2008
272,	52.0,	18.1,	68,	0.2359	,11:19:17	,30-Sep-2008
273,	50.7,	18.1,	68,	0.2233	,11:20:17	,30-Sep-2008
274,	51.2,	18.1,	68,	0.2096	,11:21:17	,30-Sep-2008
275,	50.4,	18.2,	68,	0.2280	,11:22:17	,30-Sep-2008
276,	47.1,	18.2,	68,	0.2266	,11:23:17	,30-Sep-2008
277,	47.8,	18.3,	68,	0.2273	,11:24:17	,30-Sep-2008
278,	44.8,	18.3,	68,	0.2349	,11:25:17	,30-Sep-2008
279,	44.2,	18.4,	67,	0.2154	,11:26:17	,30-Sep-2008
280,	48.2,	18.5,	67,	0.2629	,11:27:17	,30-Sep-2008
281,	46.2,	18.5,	67,	0.2273	,11:28:17	,30-Sep-2008
282,	43.8,	18.6,	67,	0.2126	,11:29:17	,30-Sep-2008
283,	45.7,	18.7,	67,	0.2244	,11:30:17	,30-Sep-2008
284,	45.9,	18.7,	67,	0.2199	,11:31:17	,30-Sep-2008
285,	50.0,	18.8,	67,	0.2735	,11:32:17	,30-Sep-2008
286,	41.8,	18.9,	66,	0.2330	,11:33:17	,30-Sep-2008
287,	42.2,	19.0,	66,	0.2217	,11:34:17	,30-Sep-2008
288,	44.2,	19.1,	66,	0.2405	,11:35:17	,30-Sep-2008
289,	41.0,	19.1,	65,	0.2422	,11:36:17	,30-Sep-2008
290,	40.3,	19.2,	65,	0.2113	,11:37:17	,30-Sep-2008

291,	41.0,	19.2,	65,	0.2161	,11:38:17	,30-Sep-2008
292,	41.7,	19.2,	65,	0.2155	,11:39:17	,30-Sep-2008
293,	40.7,	19.3,	64,	0.2346	,11:40:17	,30-Sep-2008
294,	42.1,	19.3,	64,	0.1904	,11:41:17	,30-Sep-2008
295,	45.2,	19.4,	64,	0.2589	,11:42:17	,30-Sep-2008
296,	43.3,	19.4,	64,	0.2343	,11:43:17	,30-Sep-2008
297,	41.9,	19.4,	64,	0.2128	,11:44:17	,30-Sep-2008
298,	46.2,	19.4,	64,	0.2567	,11:45:17	,30-Sep-2008
299,	47.9,	19.4,	64,	0.2519	,11:46:17	,30-Sep-2008
300,	47.4,	19.4,	64,	0.2375	,11:47:17	,30-Sep-2008
301,	47.6,	19.5,	64,	0.2455	,11:48:17	,30-Sep-2008
302,	43.8,	19.5,	64,	0.2240	,11:49:17	,30-Sep-2008
303,	43.5,	19.5,	64,	0.1956	,11:50:17	,30-Sep-2008
304,	41.1,	19.5,	64,	0.1952	,11:51:17	,30-Sep-2008
305,	39.6,	19.5,	64,	0.1993	,11:52:17	,30-Sep-2008
306,	39.5,	19.5,	63,	0.2133	,11:53:17	,30-Sep-2008
307,	38.7,	19.6,	63,	0.1985	,11:54:17	,30-Sep-2008
308,	40.4,	19.6,	63,	0.2247	,11:55:17	,30-Sep-2008
309,	39.2,	19.6,	63,	0.2019	,11:56:17	,30-Sep-2008
310,	39.3,	19.6,	63,	0.2122	,11:57:17	,30-Sep-2008
311,	41.1,	19.6,	63,	0.2263	,11:58:17	,30-Sep-2008
312,	43.7,	19.7,	63,	0.2792	,11:59:17	,30-Sep-2008
313,	43.6,	19.7,	63,	0.2492	,12:00:17	,30-Sep-2008
314,	44.3,	19.7,	63,	0.2640	,12:01:17	,30-Sep-2008
315,	45.6,	19.8,	62,	0.2417	,12:02:17	,30-Sep-2008
316,	39.2,	19.8,	62,	0.2181	,12:03:17	,30-Sep-2008
317,	42.3,	19.8,	62,	0.2217	,12:04:17	,30-Sep-2008
318,	41.8,	19.9,	62,	0.2408	,12:05:17	,30-Sep-2008
319,	41.2,	19.9,	62,	0.2246	,12:06:17	,30-Sep-2008
320,	43.4,	19.9,	61,	0.2213	,12:07:17	,30-Sep-2008
321,	43.7,	19.9,	61,	0.2169	,12:08:17	,30-Sep-2008
322,	42.9,	19.9,	61,	0.2308	,12:09:17	,30-Sep-2008
323,	41.2,	19.9,	61,	0.2150	,12:10:17	,30-Sep-2008
324,	41.8,	19.9,	61,	0.1888	,12:11:17	,30-Sep-2008
325,	46.0,	19.9,	61,	0.2015	,12:12:17	,30-Sep-2008
326,	47.1,	19.9,	61,	0.2277	,12:13:17	,30-Sep-2008
327,	47.5,	19.9,	61,	0.2606	,12:14:17	,30-Sep-2008
328,	47.0,	20.0,	61,	0.2171	,12:15:17	,30-Sep-2008
329,	48.3,	20.0,	60,	0.2505	,12:16:17	,30-Sep-2008
330,	48.0,	20.0,	61,	0.2279	,12:17:17	,30-Sep-2008
331,	50.4,	20.0,	60,	0.2320	,12:18:17	,30-Sep-2008
332,	48.5,	20.0,	60,	0.2057	,12:19:17	,30-Sep-2008
333,	48.6,	20.1,	60,	0.2189	,12:20:17	,30-Sep-2008
334,	56.7,	20.1,	60,	0.2447	,12:21:17	,30-Sep-2008
335,	56.3,	20.1,	60,	0.2404	,12:22:17	,30-Sep-2008
336,	51.1,	20.2,	60,	0.2166	,12:23:17	,30-Sep-2008
337,	61.1,	20.2,	60,	0.2709	,12:24:17	,30-Sep-2008
338,	55.0,	20.3,	60,	0.2740	,12:25:17	,30-Sep-2008
339,	49.1,	20.4,	59,	0.2193	,12:26:17	,30-Sep-2008
340,	48.8,	20.5,	59,	0.2347	,12:27:17	,30-Sep-2008
341,	51.3,	20.6,	58,	0.2498	,12:28:17	,30-Sep-2008
342,	48.8,	20.7,	58,	0.2845	,12:29:17	,30-Sep-2008
343,	46.1,	20.7,	58,	0.2179	,12:30:17	,30-Sep-2008
344,	55.5,	20.8,	57,	0.2323	,12:31:17	,30-Sep-2008
345,	52.5,	20.9,	57,	0.2513	,12:32:17	,30-Sep-2008
346,	52.5,	21.0,	57,	0.2838	,12:33:17	,30-Sep-2008
347,	51.1,	21.1,	57,	0.2343	,12:34:17	,30-Sep-2008
348,	48.2,	21.1,	58,	0.2354	,12:35:17	,30-Sep-2008
349,	48.6,	21.2,	58,	0.2298	,12:36:17	,30-Sep-2008
350,	49.7,	21.2,	58,	0.2457	,12:37:17	,30-Sep-2008
351,	48.0,	21.2,	59,	0.2559	,12:38:17	,30-Sep-2008
352,	45.2,	21.3,	59,	0.2522	,12:39:17	,30-Sep-2008
353,	44.1,	21.3,	58,	0.2057	,12:40:17	,30-Sep-2008

354,	52.2,	21.4,	58,	0.2869	,12:41:17	,30-Sep-2008
355,	49.0,	21.4,	58,	0.3040	,12:42:17	,30-Sep-2008
356,	44.0,	21.5,	58,	0.2417	,12:43:17	,30-Sep-2008
357,	45.6,	21.5,	58,	0.2224	,12:44:17	,30-Sep-2008
358,	43.9,	21.5,	58,	0.2319	,12:45:17	,30-Sep-2008
359,	44.0,	21.6,	58,	0.2428	,12:46:17	,30-Sep-2008
360,	46.4,	21.7,	58,	0.2372	,12:47:17	,30-Sep-2008
361,	44.3,	21.7,	57,	0.2653	,12:48:17	,30-Sep-2008
362,	44.6,	21.8,	57,	0.2042	,12:49:17	,30-Sep-2008
363,	41.2,	21.8,	56,	0.1765	,12:50:17	,30-Sep-2008
364,	43.0,	21.9,	56,	0.2223	,12:51:17	,30-Sep-2008
365,	38.4,	21.9,	56,	0.1970	,12:52:17	,30-Sep-2008
366,	40.5,	22.0,	56,	0.2271	,12:53:17	,30-Sep-2008
367,	43.5,	22.1,	56,	0.2948	,12:54:17	,30-Sep-2008
368,	41.2,	22.1,	56,	0.2303	,12:55:17	,30-Sep-2008
369,	43.9,	22.1,	56,	0.2258	,12:56:17	,30-Sep-2008
370,	39.7,	22.2,	55,	0.2322	,12:57:17	,30-Sep-2008
371,	43.9,	22.2,	55,	0.2455	,12:58:17	,30-Sep-2008
372,	41.1,	22.2,	55,	0.2537	,12:59:17	,30-Sep-2008
373,	38.6,	22.3,	55,	0.2017	,13:00:17	,30-Sep-2008
374,	38.3,	22.4,	55,	0.2422	,13:01:17	,30-Sep-2008
375,	36.1,	22.5,	54,	0.2464	,13:02:17	,30-Sep-2008
376,	36.9,	22.6,	53,	0.2108	,13:03:17	,30-Sep-2008
377,	35.3,	22.7,	53,	0.2033	,13:04:17	,30-Sep-2008
378,	34.0,	22.9,	52,	0.1833	,13:05:17	,30-Sep-2008
379,	36.3,	23.0,	52,	0.1687	,13:06:17	,30-Sep-2008
380,	36.6,	23.2,	51,	0.1879	,13:07:17	,30-Sep-2008
381,	36.6,	23.3,	51,	0.1895	,13:08:17	,30-Sep-2008
382,	37.1,	23.5,	51,	0.2029	,13:09:17	,30-Sep-2008
383,	43.9,	23.6,	50,	0.2678	,13:10:17	,30-Sep-2008
384,	35.5,	23.7,	50,	0.2219	,13:11:17	,30-Sep-2008
385,	39.5,	23.8,	49,	0.1940	,13:12:17	,30-Sep-2008
386,	34.9,	23.9,	49,	0.2184	,13:13:17	,30-Sep-2008
387,	36.1,	24.0,	49,	0.2223	,13:14:17	,30-Sep-2008
388,	36.1,	24.0,	49,	0.2270	,13:15:17	,30-Sep-2008
389,	36.9,	24.0,	48,	0.2470	,13:16:17	,30-Sep-2008
390,	33.1,	24.1,	48,	0.2104	,13:17:17	,30-Sep-2008
391,	33.2,	24.1,	48,	0.2006	,13:18:17	,30-Sep-2008
392,	30.5,	24.1,	48,	0.2022	,13:19:17	,30-Sep-2008
393,	36.8,	24.1,	47,	0.2020	,13:20:17	,30-Sep-2008
394,	37.7,	24.1,	47,	0.2863	,13:21:17	,30-Sep-2008
395,	38.6,	24.1,	47,	0.2583	,13:22:17	,30-Sep-2008
396,	38.6,	24.1,	47,	0.2613	,13:23:17	,30-Sep-2008
397,	38.4,	24.2,	47,	0.2405	,13:24:17	,30-Sep-2008
398,	37.2,	24.1,	47,	0.2115	,13:25:17	,30-Sep-2008
399,	38.3,	24.1,	46,	0.2285	,13:26:17	,30-Sep-2008
400,	42.2,	24.1,	47,	0.2362	,13:27:17	,30-Sep-2008
401,	43.7,	24.1,	46,	0.2354	,13:28:17	,30-Sep-2008
402,	40.2,	24.1,	46,	0.2392	,13:29:17	,30-Sep-2008
403,	36.3,	24.1,	47,	0.2204	,13:30:17	,30-Sep-2008
404,	41.9,	24.1,	46,	0.2513	,13:31:17	,30-Sep-2008
405,	43.5,	24.1,	46,	0.2613	,13:32:17	,30-Sep-2008
406,	42.7,	24.1,	46,	0.2568	,13:33:17	,30-Sep-2008
407,	43.1,	24.1,	46,	0.2759	,13:34:17	,30-Sep-2008
408,	44.8,	24.1,	46,	0.3049	,13:35:17	,30-Sep-2008
409,	44.2,	24.0,	46,	0.2505	,13:36:17	,30-Sep-2008
410,	46.0,	24.1,	46,	0.2693	,13:37:17	,30-Sep-2008
411,	41.8,	24.1,	46,	0.2543	,13:38:17	,30-Sep-2008
412,	43.4,	24.1,	46,	0.2559	,13:39:17	,30-Sep-2008
413,	42.4,	24.1,	46,	0.2589	,13:40:17	,30-Sep-2008
414,	41.2,	24.1,	46,	0.2192	,13:41:17	,30-Sep-2008
415,	49.0,	24.1,	46,	0.2463	,13:42:17	,30-Sep-2008
416,	46.7,	24.0,	46,	0.2566	,13:43:17	,30-Sep-2008

417,	49.7,	24.0,	46,	0.3786	,13:44:17	,30-Sep-2008
418,	48.4,	24.1,	46,	0.2917	,13:45:17	,30-Sep-2008
419,	49.9,	24.1,	47,	0.2740	,13:46:17	,30-Sep-2008
420,	48.8,	24.0,	46,	0.2644	,13:47:17	,30-Sep-2008
421,	51.4,	24.0,	46,	0.3219	,13:48:17	,30-Sep-2008
422,	47.8,	24.0,	46,	0.2615	,13:49:17	,30-Sep-2008
423,	50.2,	24.0,	46,	0.2535	,13:50:17	,30-Sep-2008
424,	43.8,	24.0,	46,	0.2512	,13:51:17	,30-Sep-2008
425,	50.5,	24.0,	46,	0.2794	,13:52:17	,30-Sep-2008
426,	52.7,	24.0,	46,	0.2740	,13:53:17	,30-Sep-2008
427,	52.6,	24.0,	45,	0.3026	,13:54:17	,30-Sep-2008
428,	58.8,	24.0,	45,	0.3403	,13:55:17	,30-Sep-2008
429,	56.7,	24.0,	45,	0.3165	,13:56:17	,30-Sep-2008
430,	58.4,	24.0,	45,	0.3662	,13:57:17	,30-Sep-2008
431,	59.3,	24.0,	45,	0.3500	,13:58:17	,30-Sep-2008
432,	60.9,	24.0,	45,	0.3308	,13:59:17	,30-Sep-2008
433,	65.0,	24.0,	45,	0.3661	,14:00:17	,30-Sep-2008
434,	61.4,	24.0,	45,	0.3311	,14:01:17	,30-Sep-2008
435,	57.7,	24.1,	45,	0.3327	,14:02:17	,30-Sep-2008
436,	54.9,	24.1,	45,	0.3088	,14:03:17	,30-Sep-2008
437,	51.7,	24.1,	45,	0.2727	,14:04:17	,30-Sep-2008
438,	56.3,	24.1,	45,	0.3081	,14:05:17	,30-Sep-2008
439,	52.3,	24.1,	45,	0.2628	,14:06:17	,30-Sep-2008
440,	53.5,	24.1,	45,	0.2918	,14:07:17	,30-Sep-2008
441,	56.0,	24.1,	45,	0.3623	,14:08:17	,30-Sep-2008
442,	46.0,	24.2,	45,	0.2785	,14:09:17	,30-Sep-2008
443,	50.4,	24.2,	46,	0.3019	,14:10:17	,30-Sep-2008
444,	51.0,	24.2,	46,	0.2614	,14:11:17	,30-Sep-2008
445,	50.2,	24.2,	46,	0.2372	,14:12:17	,30-Sep-2008
446,	47.9,	24.3,	45,	0.2398	,14:13:17	,30-Sep-2008
447,	49.0,	24.3,	46,	0.2559	,14:14:17	,30-Sep-2008
448,	49.6,	24.4,	46,	0.2881	,14:15:17	,30-Sep-2008
449,	44.6,	24.4,	46,	0.2099	,14:16:17	,30-Sep-2008
450,	53.9,	24.4,	46,	0.2548	,14:17:17	,30-Sep-2008
451,	58.4,	24.4,	45,	0.3183	,14:18:17	,30-Sep-2008
452,	52.6,	24.5,	45,	0.2779	,14:19:17	,30-Sep-2008
453,	54.0,	24.5,	45,	0.2864	,14:20:17	,30-Sep-2008
454,	52.6,	24.6,	45,	0.2914	,14:21:17	,30-Sep-2008
455,	56.4,	24.6,	45,	0.3225	,14:22:17	,30-Sep-2008
456,	58.2,	24.7,	45,	0.4064	,14:23:17	,30-Sep-2008
457,	51.0,	24.7,	45,	0.2993	,14:24:17	,30-Sep-2008
458,	50.4,	24.7,	45,	0.2286	,14:25:17	,30-Sep-2008
459,	53.3,	24.8,	45,	0.2496	,14:26:17	,30-Sep-2008
460,	51.0,	24.9,	45,	0.3009	,14:27:17	,30-Sep-2008
461,	53.7,	25.0,	44,	0.2894	,14:28:17	,30-Sep-2008
462,	51.4,	25.0,	44,	0.2570	,14:29:17	,30-Sep-2008
463,	56.3,	25.1,	44,	0.2989	,14:30:17	,30-Sep-2008
464,	52.0,	25.1,	44,	0.3327	,14:31:17	,30-Sep-2008
465,	53.8,	25.2,	44,	0.3323	,14:32:17	,30-Sep-2008
466,	49.3,	25.3,	44,	0.2714	,14:33:17	,30-Sep-2008
467,	52.5,	25.4,	44,	0.2477	,14:34:17	,30-Sep-2008
468,	51.7,	25.5,	43,	0.2761	,14:35:17	,30-Sep-2008
469,	50.4,	25.5,	43,	0.2695	,14:36:17	,30-Sep-2008
470,	50.3,	25.6,	44,	0.2649	,14:37:17	,30-Sep-2008
471,	52.1,	25.6,	44,	0.2530	,14:38:17	,30-Sep-2008
472,	52.1,	25.7,	43,	0.2651	,14:39:17	,30-Sep-2008
473,	51.9,	25.7,	44,	0.2797	,14:40:17	,30-Sep-2008
474,	51.7,	25.7,	44,	0.2571	,14:41:17	,30-Sep-2008
475,	50.7,	25.8,	44,	0.2596	,14:42:17	,30-Sep-2008
476,	47.8,	25.9,	44,	0.2278	,14:43:17	,30-Sep-2008
477,	54.6,	26.0,	44,	0.2810	,14:44:17	,30-Sep-2008
478,	55.3,	26.0,	45,	0.3267	,14:45:17	,30-Sep-2008
479,	54.0,	26.1,	45,	0.2956	,14:46:17	,30-Sep-2008

480,	54.9,	26.2,	45,	0.3304	,14:47:17	,30-Sep-2008
481,	51.5,	26.3,	44,	0.2857	,14:48:17	,30-Sep-2008
482,	56.2,	26.4,	44,	0.3626	,14:49:17	,30-Sep-2008
483,	55.7,	26.5,	43,	0.2778	,14:50:17	,30-Sep-2008
484,	55.9,	26.6,	42,	0.3043	,14:51:17	,30-Sep-2008
485,	59.8,	26.7,	42,	0.3059	,14:52:17	,30-Sep-2008
486,	61.4,	26.9,	42,	0.4061	,14:53:17	,30-Sep-2008
487,	66.0,	27.1,	42,	0.3660	,14:54:17	,30-Sep-2008
488,	61.8,	27.2,	42,	0.3396	,14:55:17	,30-Sep-2008
489,	64.5,	27.3,	42,	0.3889	,14:56:17	,30-Sep-2008
490,	63.8,	27.4,	42,	0.3552	,14:57:17	,30-Sep-2008
491,	63.0,	27.5,	42,	0.2797	,14:58:17	,30-Sep-2008
492,	62.1,	27.5,	41,	0.3484	,14:59:17	,30-Sep-2008
493,	64.8,	27.6,	42,	0.3946	,15:00:17	,30-Sep-2008
494,	66.3,	27.7,	42,	0.2822	,15:01:17	,30-Sep-2008
495,	61.5,	27.7,	42,	0.2860	,15:02:17	,30-Sep-2008
496,	54.6,	27.7,	42,	0.1718	,15:03:17	,30-Sep-2008
497,	59.2,	27.7,	42,	0.2111	,15:04:17	,30-Sep-2008
498,	67.0,	27.7,	42,	0.2626	,15:05:17	,30-Sep-2008
499,	72.5,	27.7,	41,	0.2956	,15:06:17	,30-Sep-2008
500,	71.4,	27.7,	40,	0.2868	,15:07:17	,30-Sep-2008
501,	67.2,	27.7,	40,	0.2995	,15:08:17	,30-Sep-2008
502,	68.0,	27.6,	40,	0.2905	,15:09:17	,30-Sep-2008
503,	70.9,	27.6,	40,	0.3101	,15:10:17	,30-Sep-2008
504,	71.0,	27.5,	41,	0.3500	,15:11:17	,30-Sep-2008
505,	74.7,	27.5,	41,	0.3016	,15:12:17	,30-Sep-2008
506,	69.8,	27.5,	40,	0.2636	,15:13:17	,30-Sep-2008
507,	73.0,	27.4,	40,	0.2834	,15:14:17	,30-Sep-2008
508,	69.9,	27.3,	40,	0.3170	,15:15:17	,30-Sep-2008
509,	78.8,	27.2,	40,	0.3475	,15:16:17	,30-Sep-2008
510,	84.0,	27.2,	40,	0.4145	,15:17:17	,30-Sep-2008
511,	80.3,	27.1,	40,	0.3758	,15:18:17	,30-Sep-2008
512,	78.0,	27.1,	41,	0.3599	,15:19:17	,30-Sep-2008
513,	72.9,	27.1,	41,	0.3703	,15:20:17	,30-Sep-2008
514,	57.4,	27.0,	41,	0.3013	,15:21:17	,30-Sep-2008
515,	57.1,	26.9,	41,	0.2507	,15:22:17	,30-Sep-2008
516,	56.6,	26.9,	41,	0.2738	,15:23:17	,30-Sep-2008
517,	52.2,	26.8,	41,	0.2774	,15:24:17	,30-Sep-2008
518,	52.4,	26.8,	41,	0.2640	,15:25:17	,30-Sep-2008
519,	56.5,	26.7,	41,	0.2711	,15:26:17	,30-Sep-2008
520,	56.0,	26.7,	41,	0.3425	,15:27:17	,30-Sep-2008
521,	51.3,	26.6,	40,	0.2980	,15:28:17	,30-Sep-2008
522,	49.7,	26.6,	40,	0.2896	,15:29:17	,30-Sep-2008
523,	51.7,	26.5,	40,	0.3752	,15:30:17	,30-Sep-2008
524,	51.9,	26.5,	40,	0.3153	,15:31:17	,30-Sep-2008
525,	47.8,	26.5,	40,	0.2708	,15:32:17	,30-Sep-2008
526,	53.6,	26.4,	40,	0.3378	,15:33:17	,30-Sep-2008
527,	50.2,	26.4,	40,	0.2778	,15:34:17	,30-Sep-2008
528,	51.5,	26.4,	40,	0.2701	,15:35:17	,30-Sep-2008
529,	57.2,	26.3,	40,	0.3496	,15:36:17	,30-Sep-2008
530,	53.0,	26.3,	40,	0.3094	,15:37:17	,30-Sep-2008
531,	59.5,	26.3,	40,	0.3041	,15:38:17	,30-Sep-2008
532,	57.1,	26.3,	40,	0.3258	,15:39:17	,30-Sep-2008
533,	56.0,	26.2,	40,	0.3079	,15:40:17	,30-Sep-2008
534,	64.6,	26.2,	41,	0.3862	,15:41:17	,30-Sep-2008
535,	56.8,	26.2,	41,	0.2978	,15:42:17	,30-Sep-2008
536,	61.3,	26.3,	41,	0.3020	,15:43:17	,30-Sep-2008
537,	60.9,	26.3,	41,	0.2985	,15:44:17	,30-Sep-2008
538,	60.6,	26.4,	41,	0.3526	,15:45:17	,30-Sep-2008
539,	64.5,	26.5,	41,	0.3378	,15:46:17	,30-Sep-2008
540,	57.5,	26.6,	41,	0.2954	,15:47:17	,30-Sep-2008
541,	55.2,	26.6,	42,	0.3233	,15:48:17	,30-Sep-2008
542,	54.1,	26.7,	42,	0.2813	,15:49:17	,30-Sep-2008

543,	54.7,	26.8,	42,	0.2222	,15:50:17	,30-Sep-2008
544,	55.0,	26.9,	42,	0.2935	,15:51:17	,30-Sep-2008
545,	51.9,	27.0,	41,	0.2754	,15:52:17	,30-Sep-2008
546,	61.1,	27.1,	41,	0.3318	,15:53:17	,30-Sep-2008
547,	57.2,	27.2,	41,	0.3456	,15:54:17	,30-Sep-2008
548,	54.4,	27.3,	41,	0.3203	,15:55:17	,30-Sep-2008
549,	54.8,	27.4,	41,	0.3260	,15:56:17	,30-Sep-2008
550,	56.5,	27.5,	40,	0.3809	,15:57:17	,30-Sep-2008
551,	56.0,	27.5,	40,	0.3411	,15:58:17	,30-Sep-2008
552,	60.1,	27.6,	40,	0.3816	,15:59:17	,30-Sep-2008
553,	55.4,	27.6,	40,	0.3006	,16:00:17	,30-Sep-2008
554,	56.8,	27.6,	40,	0.3402	,16:01:17	,30-Sep-2008
555,	57.3,	27.7,	39,	0.3617	,16:02:17	,30-Sep-2008
556,	59.0,	27.7,	39,	0.3369	,16:03:17	,30-Sep-2008
557,	57.5,	27.7,	39,	0.3875	,16:04:17	,30-Sep-2008
558,	50.8,	27.8,	38,	0.3131	,16:05:17	,30-Sep-2008
559,	50.7,	27.8,	38,	0.3422	,16:06:17	,30-Sep-2008
560,	52.3,	27.8,	38,	0.2930	,16:07:17	,30-Sep-2008
561,	50.1,	27.8,	38,	0.3102	,16:08:17	,30-Sep-2008
562,	53.2,	27.8,	38,	0.3026	,16:09:17	,30-Sep-2008
563,	52.6,	27.9,	38,	0.3357	,16:10:17	,30-Sep-2008
564,	49.6,	27.9,	38,	0.2919	,16:11:17	,30-Sep-2008
565,	54.1,	28.0,	37,	0.3257	,16:12:17	,30-Sep-2008
566,	50.4,	28.0,	38,	0.3098	,16:13:17	,30-Sep-2008
567,	54.5,	28.1,	38,	0.3429	,16:14:17	,30-Sep-2008
568,	54.2,	28.1,	38,	0.3567	,16:15:17	,30-Sep-2008
569,	50.1,	28.2,	38,	0.2918	,16:16:17	,30-Sep-2008
570,	55.2,	28.2,	38,	0.2814	,16:17:17	,30-Sep-2008
571,	54.3,	28.3,	39,	0.2872	,16:18:17	,30-Sep-2008
572,	53.6,	28.3,	39,	0.3724	,16:19:17	,30-Sep-2008
573,	47.5,	28.3,	39,	0.2692	,16:20:17	,30-Sep-2008
574,	51.8,	28.3,	39,	0.3218	,16:21:17	,30-Sep-2008
575,	53.5,	28.3,	39,	0.2449	,16:22:17	,30-Sep-2008
576,	54.5,	28.3,	39,	0.3281	,16:23:17	,30-Sep-2008
577,	50.4,	28.3,	39,	0.3064	,16:24:17	,30-Sep-2008
578,	49.5,	28.2,	39,	0.3049	,16:25:17	,30-Sep-2008
579,	47.9,	28.2,	39,	0.2660	,16:26:17	,30-Sep-2008
580,	48.9,	28.2,	39,	0.2556	,16:27:17	,30-Sep-2008
581,	53.8,	28.1,	39,	0.2764	,16:28:17	,30-Sep-2008
582,	56.3,	28.1,	39,	0.3310	,16:29:17	,30-Sep-2008
583,	51.4,	28.0,	39,	0.2706	,16:30:17	,30-Sep-2008
584,	47.9,	28.0,	39,	0.3007	,16:31:17	,30-Sep-2008
585,	46.0,	28.0,	39,	0.2356	,16:32:17	,30-Sep-2008
586,	47.8,	27.9,	39,	0.3114	,16:33:17	,30-Sep-2008
587,	49.3,	27.9,	40,	0.3070	,16:34:17	,30-Sep-2008
588,	47.5,	27.8,	39,	0.2657	,16:35:17	,30-Sep-2008
589,	43.3,	27.8,	40,	0.2757	,16:36:17	,30-Sep-2008
590,	42.3,	27.8,	40,	0.2846	,16:37:17	,30-Sep-2008
591,	32.2,	27.8,	40,	0.2092	,16:38:17	,30-Sep-2008
592,	33.0,	27.8,	40,	0.2558	,16:39:17	,30-Sep-2008
593,	32.3,	27.7,	40,	0.2143	,16:40:17	,30-Sep-2008
594,	32.1,	27.7,	41,	0.2260	,16:41:17	,30-Sep-2008
595,	30.9,	27.7,	40,	0.2222	,16:42:17	,30-Sep-2008
596,	30.7,	27.7,	40,	0.1953	,16:43:17	,30-Sep-2008
597,	27.5,	27.6,	40,	0.2137	,16:44:17	,30-Sep-2008
598,	26.6,	27.6,	40,	0.1812	,16:45:17	,30-Sep-2008
599,	26.8,	27.6,	40,	0.2210	,16:46:17	,30-Sep-2008
600,	30.6,	27.6,	39,	0.2343	,16:47:17	,30-Sep-2008
601,	29.1,	27.5,	40,	0.2205	,16:48:17	,30-Sep-2008
602,	27.6,	27.5,	40,	0.2177	,16:49:17	,30-Sep-2008
603,	37.5,	27.5,	40,	0.2403	,16:50:17	,30-Sep-2008
604,	54.7,	27.5,	40,	0.3975	,16:51:17	,30-Sep-2008
605,	39.8,	27.5,	40,	0.3011	,16:52:17	,30-Sep-2008

606,	37.8,	27.5,	40,	0.2230	,16:53:17	,30-Sep-2008
607,	31.3,	27.6,	40,	0.2447	,16:54:17	,30-Sep-2008
608,	29.8,	27.6,	40,	0.2537	,16:55:17	,30-Sep-2008
609,	31.3,	27.6,	40,	0.2371	,16:56:17	,30-Sep-2008
610,	30.7,	27.7,	40,	0.2725	,16:57:17	,30-Sep-2008
611,	28.8,	27.7,	40,	0.2156	,16:58:17	,30-Sep-2008
612,	28.8,	27.7,	40,	0.2167	,16:59:17	,30-Sep-2008
613,	27.6,	27.7,	40,	0.2079	,17:00:17	,30-Sep-2008
614,	27.2,	27.8,	40,	0.1718	,17:01:17	,30-Sep-2008
615,	29.3,	27.8,	40,	0.2176	,17:02:17	,30-Sep-2008
616,	25.9,	27.8,	40,	0.1755	,17:03:17	,30-Sep-2008
617,	28.4,	27.9,	40,	0.2145	,17:04:17	,30-Sep-2008
618,	29.1,	27.9,	40,	0.2411	,17:05:17	,30-Sep-2008
619,	29.1,	27.9,	40,	0.2250	,17:06:17	,30-Sep-2008
620,	28.5,	27.9,	40,	0.2327	,17:07:17	,30-Sep-2008
621,	29.5,	28.0,	40,	0.2336	,17:08:17	,30-Sep-2008
622,	29.0,	27.9,	40,	0.2321	,17:09:17	,30-Sep-2008
623,	27.8,	28.0,	40,	0.1894	,17:10:17	,30-Sep-2008
624,	28.6,	27.9,	40,	0.1964	,17:11:17	,30-Sep-2008
625,	27.3,	28.0,	40,	0.1819	,17:12:17	,30-Sep-2008
626,	29.2,	28.0,	40,	0.2162	,17:13:17	,30-Sep-2008
627,	29.7,	28.0,	40,	0.2315	,17:14:17	,30-Sep-2008
628,	29.4,	28.0,	40,	0.2493	,17:15:17	,30-Sep-2008
629,	27.1,	28.0,	40,	0.2005	,17:16:17	,30-Sep-2008
630,	26.7,	28.0,	40,	0.1846	,17:17:17	,30-Sep-2008
631,	26.4,	28.0,	40,	0.1841	,17:18:17	,30-Sep-2008
632,	29.4,	28.0,	40,	0.2078	,17:19:17	,30-Sep-2008
633,	30.7,	28.0,	41,	0.2745	,17:20:17	,30-Sep-2008
634,	27.2,	28.0,	41,	0.2227	,17:21:17	,30-Sep-2008
635,	28.3,	28.0,	41,	0.2420	,17:22:17	,30-Sep-2008
636,	25.3,	28.0,	41,	0.1921	,17:23:17	,30-Sep-2008
637,	28.6,	28.0,	41,	0.2410	,17:24:17	,30-Sep-2008
638,	27.0,	28.0,	41,	0.2495	,17:25:17	,30-Sep-2008
639,	21.3,	28.0,	41,	0.2154	,17:26:17	,30-Sep-2008
640,	20.5,	28.0,	42,	0.2209	,17:27:17	,30-Sep-2008
641,	20.8,	28.0,	42,	0.1916	,17:28:17	,30-Sep-2008
642,	20.6,	28.0,	42,	0.1734	,17:29:17	,30-Sep-2008
643,	21.1,	28.0,	42,	0.1718	,17:30:17	,30-Sep-2008
644,	20.3,	28.0,	42,	0.1491	,17:31:17	,30-Sep-2008
645,	22.3,	28.0,	42,	0.1380	,17:32:17	,30-Sep-2008
646,	22.4,	28.0,	42,	0.1137	,17:33:17	,30-Sep-2008
647,	19.5,	28.0,	42,	0.1507	,17:34:17	,30-Sep-2008
648,	19.9,	28.0,	42,	0.1593	,17:35:17	,30-Sep-2008
649,	18.8,	28.0,	42,	0.1739	,17:36:17	,30-Sep-2008
650,	18.3,	28.0,	42,	0.1594	,17:37:17	,30-Sep-2008
651,	18.7,	27.9,	42,	0.1580	,17:38:17	,30-Sep-2008
652,	19.0,	27.9,	42,	0.1840	,17:39:17	,30-Sep-2008
653,	17.8,	27.8,	42,	0.1663	,17:40:17	,30-Sep-2008
654,	18.8,	27.8,	42,	0.1552	,17:41:17	,30-Sep-2008
655,	20.5,	27.7,	42,	0.1406	,17:42:17	,30-Sep-2008
656,	19.4,	27.7,	41,	0.1298	,17:43:17	,30-Sep-2008
657,	20.2,	27.7,	41,	0.1567	,17:44:17	,30-Sep-2008
658,	22.0,	27.7,	41,	0.1760	,17:45:17	,30-Sep-2008
659,	20.8,	27.7,	41,	0.1800	,17:46:17	,30-Sep-2008
660,	24.0,	27.7,	41,	0.2059	,17:47:17	,30-Sep-2008
661,	24.7,	27.6,	41,	0.2125	,17:48:17	,30-Sep-2008
662,	22.8,	27.6,	41,	0.2243	,17:49:17	,30-Sep-2008
663,	23.4,	27.6,	41,	0.2242	,17:50:17	,30-Sep-2008
664,	22.4,	27.6,	41,	0.2218	,17:51:17	,30-Sep-2008
665,	21.1,	27.6,	41,	0.2305	,17:52:17	,30-Sep-2008
666,	21.0,	27.6,	41,	0.1798	,17:53:17	,30-Sep-2008
667,	22.0,	27.5,	41,	0.1966	,17:54:17	,30-Sep-2008
668,	19.8,	27.5,	41,	0.1466	,17:55:17	,30-Sep-2008

669,	19.9,	27.5,	41,	0.1636	,17:56:17	,30-Sep-2008
670,	21.8,	27.5,	41,	0.1787	,17:57:17	,30-Sep-2008
671,	19.4,	27.4,	41,	0.1740	,17:58:17	,30-Sep-2008
672,	22.9,	27.3,	41,	0.1733	,17:59:17	,30-Sep-2008
673,	22.0,	27.3,	41,	0.2045	,18:00:17	,30-Sep-2008
674,	21.3,	27.2,	41,	0.1771	,18:01:17	,30-Sep-2008
675,	21.5,	27.1,	41,	0.1681	,18:02:17	,30-Sep-2008
676,	24.1,	27.1,	42,	0.1860	,18:03:17	,30-Sep-2008
677,	20.8,	27.0,	42,	0.1470	,18:04:17	,30-Sep-2008
678,	21.7,	26.9,	42,	0.1854	,18:05:17	,30-Sep-2008
679,	21.8,	26.8,	42,	0.2074	,18:06:17	,30-Sep-2008
680,	20.4,	26.7,	42,	0.1995	,18:07:17	,30-Sep-2008
681,	20.3,	26.6,	42,	0.1687	,18:08:17	,30-Sep-2008
682,	19.4,	26.6,	42,	0.1611	,18:09:17	,30-Sep-2008

PORT OF PORTLAND

DAILY DIARY

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

CONTRACTOR Ash Creek Associates, Inc./Envirocon **SUPERINTENDENT** Skip Simpson

DAY OF WEEK & DATE: Tues., Sept 30, 2008 **REPORT NO.** 41

WEATHER Sunny **TEMPERATURE** 54L 76H

NUMBER/CLASS OF CONTRACTOR'S PERSONNEL:

Envirocon:
Rick Martin: Foreman/Surveyor
Matt Patching: Operator
Wes Jensen: Operator
Kevin George: 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)
John Deere 544 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

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

(07:00) Contractor's safety meeting

Today, contractor had 3 loads of approved top soil delivered and placed 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 applying water to topsoil when needed for dust abatement while broadcasting topsoil into place.
Contractor planted approx. 15 new trees starting at elev. 15 at sta 6+75, following willow planting pattern dwg. Detail 3/L2 and sheet L-1.

Contractor started importing habitat cover mix & stockpiling on top of bank. JD 544 loading HM30 with mix and hauling down to toe of slope where PC200 is unloading and covering armor rock. Contractor had 43 loads of mix delivered, approx. 676 tons.

Contractor installed 3 LWD (delivered from Astoria) and secured them to eco-blocks per dwg detail 4/L2, at approx sta 7+10

Ashcreek's on site inspector (Doug) verifying 2' depth of topsoil by probing through fabric to top of subgrade, all areas where top soil is placed.

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:

PORT OF PORTLAND

DAILY DIARY

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

CONTRACTOR Ash Creek Associates, Inc./Envirocon **SUPERINTENDENT** Skip Simpson

DAY OF WEEK & DATE: Tues., Sept 30, 2008 **REPORT NO.** 41

WEATHER Sunny **TEMPERATURE** 54L 76H

INSPECTOR Philipp G. Bales HRS DATE 9-30-8

(signature on hardcopy)

Ash Creek Associates, Inc.
Environmental and Geotechnical Consultants
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Portland (503) 924-4704
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Fax (503) 924-4707

PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	42		
PAGE	1	OF	2
DATE	10/1/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	1030; 1400
LOCATION	Terminal 4	DEPARTURE TIME	1145; 1440
CLIENT	Port of Portland	WEATHER	partly cloudy 70F; 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			X	X
Jute Matting			X		
Habitat Logs and LWD	X			X	X

COMMENTS:

Finish placing topsoil at 1' depth from 0+00 to 1+00 EL 15' to 30'. Place habitat cover 7+00 to 5+50.

Place LWD from 7+00 to 5+50.

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

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:

Place top soil, iplace habitat cover, and place LWD (see page 1).

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: _75____	Site Conditions:	Fog		Date:	10/1/2008
Min Temp: _55____	Winds:	light		Week Day:	Wed
	Precipitation	none		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	10.5		301	Fish mix, LWD, Habitat logs
GEORGE LOTZE	301	10.5	7AM	6PM	FEL loader	United	10.5		301	Fish mix, LWD, Habitat logs
RICK MARTIN										
SCOTT LAW	301	10.5	7AM	6PM	PC200 EXC.	3366	10.5		301	Fish mix, LWD, Habitat logs
MATTHEW PATCHING	301	10.5	7AM	6PM	WATER TRUCK	United	3		301	Dust control, water trees
SKIP SIMPSON					JD310 BACKHOE	1196	0			
SUZANNE STARKEY										

DESCRIPTION OF WORK (detail below):

Import, place and grade Habitat Cover from STA 7+04 to STA 5+50. Place habitat logs STA 5+50, replace LWD STA7+04 to 5+50.

Import, place and grade Topsoil from STA 0+00 to 1+40.

Water trees and provide dust control with water truck.

Air monitoring with data ram, suspect data due to fog and not recalibrating.

Replace silt fence STA 4+30

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	7+04		5+50		110	190	X	312000-3 (2.6)
Topsoil	0+00		1+40		110	1364	X	329119-2 (2.5)
Coir Fabric								329119-2 (2.2)
Jute Matting								329119-2 (2.1)
Mulch								329300-4 (2.2)
Habitat Logs	5+50		5+30		3	9	X	353200-3 (3.3)
Shrubs & Plantings								329300
Hydroseeding								329219

COMMENTS (Material Delivered-Removed/Qty.):

Habitat cover= 366.16 tons

Topsoil= 110 cu yds

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. Brad Simpson

"Model Number", "DataRAM 4 ", 106
"Serial no. ", "D736 "
"Device no. ", 1
"Tag Number ", 4
"Start Time ", 09:40:33
"Start Date ", 01-Oct-2008
"Log Period ", 00:01:00
"Number ", 484
"CalFactor ", 1.000000
"Unit ", 0
"Unit Name ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS ", C
"Max MASS ", 140.704600
"Max MASS @ ", 2 ,09:42:33 ,01-Oct-2008
"Avg MASS ", 71.007640
"Max Diam ", 0.366256
"Max Diam @ ", 4 ,09:44:33 ,01-Oct-2008
"Avg Diam ", 0.255492
"ALARM ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO ", "DISABLED"
"AZ INTERVAL ", 1
"Errors ", 0000

record	"(MASS)ug/m3"	Temp	RHumidity	Diameter		
1,	111.4,	14.6,	50,	0.3219	,09:41:33	,01-Oct-2008
2,	140.7,	14.7,	54,	0.3410	,09:42:33	,01-Oct-2008
3,	128.0,	14.7,	57,	0.3571	,09:43:33	,01-Oct-2008
4,	104.7,	14.8,	60,	0.3663	,09:44:33	,01-Oct-2008
5,	97.8,	14.9,	61,	0.3608	,09:45:33	,01-Oct-2008
6,	97.2,	15.0,	62,	0.3496	,09:46:33	,01-Oct-2008
7,	98.9,	15.1,	64,	0.3333	,09:47:33	,01-Oct-2008
8,	98.1,	15.2,	64,	0.3497	,09:48:33	,01-Oct-2008
9,	97.7,	15.3,	65,	0.3343	,09:49:33	,01-Oct-2008
10,	89.8,	15.3,	66,	0.3216	,09:50:33	,01-Oct-2008
11,	80.3,	15.5,	66,	0.3164	,09:51:33	,01-Oct-2008
12,	74.9,	15.5,	67,	0.2967	,09:52:33	,01-Oct-2008
13,	98.5,	15.6,	67,	0.3419	,09:53:33	,01-Oct-2008
14,	104.5,	15.7,	67,	0.3210	,09:54:33	,01-Oct-2008
15,	104.3,	15.8,	68,	0.3367	,09:55:33	,01-Oct-2008
16,	101.6,	15.9,	68,	0.3425	,09:56:33	,01-Oct-2008
17,	103.7,	16.0,	68,	0.3300	,09:57:33	,01-Oct-2008
18,	101.2,	16.1,	68,	0.3221	,09:58:33	,01-Oct-2008
19,	97.6,	16.2,	68,	0.3164	,09:59:33	,01-Oct-2008
20,	92.6,	16.3,	68,	0.2912	,10:00:33	,01-Oct-2008
21,	102.4,	16.5,	68,	0.3154	,10:01:33	,01-Oct-2008
22,	106.0,	16.5,	69,	0.3239	,10:02:33	,01-Oct-2008
23,	107.2,	16.7,	69,	0.3193	,10:03:33	,01-Oct-2008
24,	109.8,	16.7,	69,	0.3135	,10:04:33	,01-Oct-2008
25,	108.9,	16.8,	69,	0.3107	,10:05:33	,01-Oct-2008
26,	109.8,	17.0,	69,	0.3161	,10:06:33	,01-Oct-2008
27,	115.8,	17.1,	69,	0.3127	,10:07:33	,01-Oct-2008
28,	111.3,	17.2,	69,	0.3098	,10:08:33	,01-Oct-2008
29,	110.3,	17.3,	68,	0.2990	,10:09:33	,01-Oct-2008
30,	110.5,	17.4,	68,	0.3095	,10:10:33	,01-Oct-2008
31,	112.7,	17.5,	68,	0.2740	,10:11:33	,01-Oct-2008
32,	112.9,	17.5,	68,	0.3312	,10:12:33	,01-Oct-2008
33,	102.9,	17.6,	68,	0.2965	,10:13:33	,01-Oct-2008
34,	104.8,	17.6,	68,	0.2864	,10:14:33	,01-Oct-2008
35,	108.6,	17.7,	68,	0.3028	,10:15:33	,01-Oct-2008
36,	110.3,	17.7,	68,	0.3176	,10:16:33	,01-Oct-2008
37,	108.3,	17.8,	68,	0.2956	,10:17:33	,01-Oct-2008
38,	107.5,	17.8,	68,	0.3074	,10:18:33	,01-Oct-2008

39,	105.7,	17.9,	68,	0.3054	,10:19:33	,01-Oct-2008
40,	101.8,	17.9,	67,	0.2887	,10:20:33	,01-Oct-2008
41,	102.9,	17.9,	68,	0.2988	,10:21:33	,01-Oct-2008
42,	102.1,	18.0,	67,	0.3038	,10:22:33	,01-Oct-2008
43,	102.0,	18.0,	67,	0.3292	,10:23:33	,01-Oct-2008
44,	100.2,	18.0,	67,	0.3048	,10:24:33	,01-Oct-2008
45,	100.1,	18.0,	67,	0.3225	,10:25:33	,01-Oct-2008
46,	97.2,	18.0,	67,	0.3056	,10:26:33	,01-Oct-2008
47,	98.2,	18.1,	67,	0.2890	,10:27:33	,01-Oct-2008
48,	102.5,	18.1,	67,	0.3028	,10:28:33	,01-Oct-2008
49,	104.8,	18.1,	67,	0.2817	,10:29:33	,01-Oct-2008
50,	104.6,	18.1,	67,	0.2914	,10:30:33	,01-Oct-2008
51,	104.0,	18.2,	67,	0.2896	,10:31:33	,01-Oct-2008
52,	105.6,	18.2,	67,	0.3036	,10:32:33	,01-Oct-2008
53,	99.2,	18.2,	67,	0.2741	,10:33:33	,01-Oct-2008
54,	100.4,	18.2,	67,	0.2905	,10:34:33	,01-Oct-2008
55,	101.7,	18.2,	67,	0.2813	,10:35:33	,01-Oct-2008
56,	108.0,	18.2,	67,	0.2778	,10:36:33	,01-Oct-2008
57,	106.4,	18.3,	67,	0.2659	,10:37:33	,01-Oct-2008
58,	111.9,	18.3,	67,	0.3162	,10:38:33	,01-Oct-2008
59,	114.7,	18.3,	67,	0.3013	,10:39:33	,01-Oct-2008
60,	115.8,	18.3,	67,	0.2963	,10:40:33	,01-Oct-2008
61,	123.9,	18.3,	67,	0.3191	,10:41:33	,01-Oct-2008
62,	119.8,	18.4,	67,	0.2837	,10:42:33	,01-Oct-2008
63,	133.1,	18.4,	67,	0.3083	,10:43:33	,01-Oct-2008
64,	129.9,	18.4,	67,	0.2839	,10:44:33	,01-Oct-2008
65,	129.7,	18.4,	67,	0.2609	,10:45:33	,01-Oct-2008
66,	122.3,	18.4,	67,	0.2649	,10:46:33	,01-Oct-2008
67,	111.8,	18.4,	67,	0.2739	,10:47:33	,01-Oct-2008
68,	121.4,	18.4,	67,	0.2907	,10:48:33	,01-Oct-2008
69,	118.2,	18.4,	67,	0.2987	,10:49:33	,01-Oct-2008
70,	104.4,	18.4,	67,	0.3015	,10:50:33	,01-Oct-2008
71,	100.8,	18.4,	67,	0.2850	,10:51:33	,01-Oct-2008
72,	104.8,	18.4,	67,	0.3259	,10:52:33	,01-Oct-2008
73,	96.7,	18.4,	67,	0.2803	,10:53:33	,01-Oct-2008
74,	100.4,	18.4,	67,	0.2821	,10:54:33	,01-Oct-2008
75,	102.3,	18.4,	67,	0.3042	,10:55:33	,01-Oct-2008
76,	107.0,	18.4,	67,	0.3130	,10:56:33	,01-Oct-2008
77,	114.5,	18.4,	67,	0.2976	,10:57:33	,01-Oct-2008
78,	103.5,	18.4,	67,	0.2756	,10:58:33	,01-Oct-2008
79,	102.2,	18.4,	67,	0.2953	,10:59:33	,01-Oct-2008
80,	102.8,	18.5,	67,	0.2935	,11:00:33	,01-Oct-2008
81,	102.6,	18.5,	67,	0.2898	,11:01:33	,01-Oct-2008
82,	104.2,	18.5,	67,	0.3329	,11:02:33	,01-Oct-2008
83,	92.4,	18.5,	67,	0.3016	,11:03:33	,01-Oct-2008
84,	90.5,	18.5,	68,	0.2854	,11:04:33	,01-Oct-2008
85,	87.8,	18.6,	67,	0.2915	,11:05:33	,01-Oct-2008
86,	85.4,	18.6,	68,	0.2603	,11:06:33	,01-Oct-2008
87,	84.3,	18.6,	68,	0.2785	,11:07:33	,01-Oct-2008
88,	90.1,	18.6,	68,	0.2802	,11:08:33	,01-Oct-2008
89,	90.8,	18.6,	68,	0.2832	,11:09:33	,01-Oct-2008
90,	94.8,	18.7,	68,	0.2688	,11:10:33	,01-Oct-2008
91,	97.2,	18.7,	68,	0.2981	,11:11:33	,01-Oct-2008
92,	90.4,	18.7,	67,	0.2801	,11:12:33	,01-Oct-2008
93,	94.9,	18.7,	68,	0.2933	,11:13:33	,01-Oct-2008
94,	83.0,	18.7,	68,	0.2664	,11:14:33	,01-Oct-2008
95,	84.8,	18.8,	68,	0.2676	,11:15:33	,01-Oct-2008
96,	85.4,	18.8,	67,	0.3009	,11:16:33	,01-Oct-2008
97,	81.8,	18.8,	67,	0.2707	,11:17:33	,01-Oct-2008
98,	79.4,	18.9,	67,	0.2735	,11:18:33	,01-Oct-2008
99,	77.9,	18.9,	67,	0.2260	,11:19:33	,01-Oct-2008
100,	81.7,	18.9,	67,	0.2316	,11:20:33	,01-Oct-2008
101,	80.1,	18.9,	67,	0.2403	,11:21:33	,01-Oct-2008

102,	86.7,	18.9,	67,	0.2673	,11:22:33	,01-Oct-2008
103,	86.9,	18.9,	67,	0.2470	,11:23:33	,01-Oct-2008
104,	90.3,	18.9,	67,	0.2226	,11:24:33	,01-Oct-2008
105,	93.2,	18.9,	67,	0.2631	,11:25:33	,01-Oct-2008
106,	91.7,	19.0,	67,	0.2571	,11:26:33	,01-Oct-2008
107,	90.0,	19.0,	67,	0.2503	,11:27:33	,01-Oct-2008
108,	96.9,	19.0,	67,	0.2746	,11:28:33	,01-Oct-2008
109,	92.4,	19.0,	67,	0.2733	,11:29:33	,01-Oct-2008
110,	93.0,	19.0,	67,	0.2622	,11:30:33	,01-Oct-2008
111,	87.6,	19.0,	67,	0.2550	,11:31:33	,01-Oct-2008
112,	91.5,	19.0,	67,	0.2561	,11:32:33	,01-Oct-2008
113,	94.2,	19.0,	67,	0.2810	,11:33:33	,01-Oct-2008
114,	97.1,	19.1,	66,	0.2836	,11:34:33	,01-Oct-2008
115,	94.5,	19.1,	66,	0.2594	,11:35:33	,01-Oct-2008
116,	95.9,	19.1,	66,	0.2651	,11:36:33	,01-Oct-2008
117,	96.5,	19.1,	66,	0.2413	,11:37:33	,01-Oct-2008
118,	99.4,	19.1,	66,	0.2882	,11:38:33	,01-Oct-2008
119,	98.1,	19.1,	66,	0.2793	,11:39:33	,01-Oct-2008
120,	97.6,	19.2,	66,	0.2675	,11:40:33	,01-Oct-2008
121,	95.8,	19.2,	66,	0.2710	,11:41:33	,01-Oct-2008
122,	101.6,	19.2,	66,	0.3048	,11:42:33	,01-Oct-2008
123,	93.4,	19.3,	66,	0.2630	,11:43:33	,01-Oct-2008
124,	89.7,	19.3,	66,	0.2528	,11:44:33	,01-Oct-2008
125,	90.1,	19.3,	66,	0.2582	,11:45:33	,01-Oct-2008
126,	89.9,	19.4,	65,	0.2609	,11:46:33	,01-Oct-2008
127,	90.0,	19.4,	65,	0.2464	,11:47:33	,01-Oct-2008
128,	92.2,	19.4,	66,	0.2800	,11:48:33	,01-Oct-2008
129,	95.4,	19.4,	66,	0.2954	,11:49:33	,01-Oct-2008
130,	87.1,	19.4,	66,	0.2672	,11:50:33	,01-Oct-2008
131,	84.2,	19.5,	66,	0.2574	,11:51:33	,01-Oct-2008
132,	83.1,	19.5,	66,	0.2479	,11:52:33	,01-Oct-2008
133,	83.0,	19.5,	66,	0.2974	,11:53:33	,01-Oct-2008
134,	77.1,	19.5,	65,	0.2493	,11:54:33	,01-Oct-2008
135,	79.9,	19.5,	65,	0.2699	,11:55:33	,01-Oct-2008
136,	81.9,	19.5,	65,	0.2501	,11:56:33	,01-Oct-2008
137,	81.7,	19.5,	65,	0.2488	,11:57:33	,01-Oct-2008
138,	78.0,	19.5,	65,	0.2568	,11:58:33	,01-Oct-2008
139,	77.5,	19.5,	65,	0.2536	,11:59:33	,01-Oct-2008
140,	76.1,	19.5,	65,	0.2314	,12:00:33	,01-Oct-2008
141,	76.5,	19.5,	65,	0.2498	,12:01:33	,01-Oct-2008
142,	77.0,	19.6,	65,	0.2416	,12:02:33	,01-Oct-2008
143,	75.5,	19.6,	65,	0.2503	,12:03:33	,01-Oct-2008
144,	80.2,	19.6,	65,	0.2522	,12:04:33	,01-Oct-2008
145,	79.2,	19.6,	65,	0.2527	,12:05:33	,01-Oct-2008
146,	80.6,	19.7,	65,	0.2593	,12:06:33	,01-Oct-2008
147,	80.6,	19.7,	65,	0.2571	,12:07:33	,01-Oct-2008
148,	81.9,	19.7,	65,	0.2616	,12:08:33	,01-Oct-2008
149,	78.8,	19.8,	65,	0.2235	,12:09:33	,01-Oct-2008
150,	82.8,	19.8,	65,	0.2554	,12:10:33	,01-Oct-2008
151,	84.5,	19.9,	65,	0.2504	,12:11:33	,01-Oct-2008
152,	81.5,	19.9,	65,	0.2220	,12:12:33	,01-Oct-2008
153,	81.8,	20.0,	65,	0.2249	,12:13:33	,01-Oct-2008
154,	81.9,	20.0,	65,	0.2429	,12:14:33	,01-Oct-2008
155,	87.2,	20.0,	65,	0.2792	,12:15:33	,01-Oct-2008
156,	85.1,	20.1,	65,	0.2531	,12:16:33	,01-Oct-2008
157,	88.0,	20.2,	64,	0.2555	,12:17:33	,01-Oct-2008
158,	81.4,	20.3,	64,	0.2491	,12:18:33	,01-Oct-2008
159,	85.1,	20.3,	64,	0.2414	,12:19:33	,01-Oct-2008
160,	81.8,	20.4,	64,	0.2477	,12:20:33	,01-Oct-2008
161,	79.1,	20.4,	63,	0.2442	,12:21:33	,01-Oct-2008
162,	85.9,	20.5,	63,	0.2657	,12:22:33	,01-Oct-2008
163,	83.3,	20.5,	63,	0.2689	,12:23:33	,01-Oct-2008
164,	81.0,	20.6,	63,	0.2633	,12:24:33	,01-Oct-2008

165,	84.4,	20.6,	62,	0.2741	,12:25:33	,01-Oct-2008
166,	86.9,	20.7,	62,	0.2802	,12:26:33	,01-Oct-2008
167,	85.0,	20.7,	62,	0.2495	,12:27:33	,01-Oct-2008
168,	83.6,	20.7,	62,	0.2571	,12:28:33	,01-Oct-2008
169,	87.2,	20.8,	62,	0.2936	,12:29:33	,01-Oct-2008
170,	82.8,	20.9,	62,	0.2626	,12:30:33	,01-Oct-2008
171,	82.5,	21.0,	61,	0.2234	,12:31:33	,01-Oct-2008
172,	85.4,	21.0,	61,	0.2601	,12:32:33	,01-Oct-2008
173,	83.2,	21.1,	61,	0.2488	,12:33:33	,01-Oct-2008
174,	79.8,	21.1,	61,	0.2334	,12:34:33	,01-Oct-2008
175,	80.1,	21.1,	61,	0.2275	,12:35:33	,01-Oct-2008
176,	81.1,	21.2,	61,	0.2322	,12:36:33	,01-Oct-2008
177,	82.1,	21.2,	60,	0.2551	,12:37:33	,01-Oct-2008
178,	86.4,	21.2,	60,	0.2574	,12:38:33	,01-Oct-2008
179,	86.7,	21.2,	60,	0.2636	,12:39:33	,01-Oct-2008
180,	87.7,	21.2,	60,	0.2870	,12:40:33	,01-Oct-2008
181,	85.0,	21.2,	60,	0.2527	,12:41:33	,01-Oct-2008
182,	80.3,	21.3,	60,	0.2605	,12:42:33	,01-Oct-2008
183,	78.1,	21.3,	60,	0.2622	,12:43:33	,01-Oct-2008
184,	78.3,	21.3,	60,	0.2160	,12:44:33	,01-Oct-2008
185,	80.1,	21.3,	60,	0.2547	,12:45:33	,01-Oct-2008
186,	77.6,	21.3,	60,	0.2601	,12:46:33	,01-Oct-2008
187,	81.4,	21.3,	60,	0.2420	,12:47:33	,01-Oct-2008
188,	87.8,	21.3,	60,	0.2599	,12:48:33	,01-Oct-2008
189,	83.2,	21.3,	59,	0.2747	,12:49:33	,01-Oct-2008
190,	80.6,	21.3,	59,	0.2626	,12:50:33	,01-Oct-2008
191,	79.0,	21.4,	59,	0.2678	,12:51:33	,01-Oct-2008
192,	81.2,	21.4,	59,	0.2669	,12:52:33	,01-Oct-2008
193,	78.3,	21.4,	59,	0.2369	,12:53:33	,01-Oct-2008
194,	79.0,	21.4,	60,	0.2878	,12:54:33	,01-Oct-2008
195,	78.2,	21.5,	59,	0.2260	,12:55:33	,01-Oct-2008
196,	78.8,	21.5,	59,	0.2215	,12:56:33	,01-Oct-2008
197,	77.1,	21.5,	59,	0.2458	,12:57:33	,01-Oct-2008
198,	81.9,	21.5,	58,	0.2743	,12:58:33	,01-Oct-2008
199,	82.0,	21.5,	58,	0.2690	,12:59:33	,01-Oct-2008
200,	80.5,	21.6,	58,	0.2435	,13:00:33	,01-Oct-2008
201,	77.8,	21.6,	58,	0.2739	,13:01:33	,01-Oct-2008
202,	76.2,	21.6,	58,	0.2483	,13:02:33	,01-Oct-2008
203,	77.5,	21.7,	58,	0.2781	,13:03:33	,01-Oct-2008
204,	74.8,	21.7,	58,	0.2839	,13:04:33	,01-Oct-2008
205,	82.0,	21.7,	58,	0.2534	,13:05:33	,01-Oct-2008
206,	76.4,	21.7,	58,	0.2509	,13:06:33	,01-Oct-2008
207,	71.9,	21.8,	59,	0.2583	,13:07:33	,01-Oct-2008
208,	69.5,	21.8,	59,	0.2686	,13:08:33	,01-Oct-2008
209,	65.6,	21.8,	59,	0.2595	,13:09:33	,01-Oct-2008
210,	69.3,	21.9,	59,	0.2622	,13:10:33	,01-Oct-2008
211,	69.2,	21.9,	59,	0.2509	,13:11:33	,01-Oct-2008
212,	70.7,	22.0,	59,	0.2782	,13:12:33	,01-Oct-2008
213,	67.3,	22.0,	59,	0.2635	,13:13:33	,01-Oct-2008
214,	68.0,	22.1,	58,	0.2399	,13:14:33	,01-Oct-2008
215,	67.9,	22.1,	58,	0.2594	,13:15:33	,01-Oct-2008
216,	67.6,	22.2,	58,	0.2372	,13:16:33	,01-Oct-2008
217,	65.6,	22.3,	57,	0.2560	,13:17:33	,01-Oct-2008
218,	65.9,	22.4,	57,	0.2646	,13:18:33	,01-Oct-2008
219,	63.5,	22.5,	57,	0.2139	,13:19:33	,01-Oct-2008
220,	62.8,	22.5,	57,	0.2254	,13:20:33	,01-Oct-2008
221,	67.5,	22.6,	58,	0.2723	,13:21:33	,01-Oct-2008
222,	67.1,	22.6,	58,	0.2603	,13:22:33	,01-Oct-2008
223,	63.6,	22.7,	57,	0.2417	,13:23:33	,01-Oct-2008
224,	67.2,	22.8,	57,	0.2755	,13:24:33	,01-Oct-2008
225,	61.6,	22.8,	57,	0.2287	,13:25:33	,01-Oct-2008
226,	65.2,	22.9,	56,	0.2344	,13:26:33	,01-Oct-2008
227,	63.2,	22.9,	56,	0.2462	,13:27:33	,01-Oct-2008

228,	66.4,	23.0,	56,	0.2524	,13:28:33	,01-Oct-2008
229,	61.8,	23.0,	56,	0.2263	,13:29:33	,01-Oct-2008
230,	64.7,	23.1,	56,	0.2751	,13:30:33	,01-Oct-2008
231,	57.3,	23.1,	57,	0.2094	,13:31:33	,01-Oct-2008
232,	56.8,	23.2,	57,	0.2397	,13:32:33	,01-Oct-2008
233,	57.3,	23.2,	57,	0.2257	,13:33:33	,01-Oct-2008
234,	59.5,	23.3,	56,	0.2119	,13:34:33	,01-Oct-2008
235,	57.1,	23.4,	56,	0.2236	,13:35:33	,01-Oct-2008
236,	56.9,	23.5,	56,	0.2465	,13:36:33	,01-Oct-2008
237,	53.1,	23.5,	56,	0.2339	,13:37:33	,01-Oct-2008
238,	51.3,	23.6,	56,	0.2265	,13:38:33	,01-Oct-2008
239,	48.8,	23.6,	56,	0.2030	,13:39:33	,01-Oct-2008
240,	51.4,	23.7,	55,	0.2126	,13:40:33	,01-Oct-2008
241,	52.7,	23.7,	55,	0.2349	,13:41:33	,01-Oct-2008
242,	53.2,	23.8,	55,	0.2217	,13:42:33	,01-Oct-2008
243,	56.5,	23.9,	54,	0.2572	,13:43:33	,01-Oct-2008
244,	53.1,	23.9,	54,	0.2287	,13:44:33	,01-Oct-2008
245,	59.5,	23.9,	54,	0.2827	,13:45:33	,01-Oct-2008
246,	53.3,	24.0,	54,	0.2332	,13:46:33	,01-Oct-2008
247,	59.4,	24.0,	54,	0.3048	,13:47:33	,01-Oct-2008
248,	58.5,	24.1,	53,	0.2978	,13:48:33	,01-Oct-2008
249,	54.9,	24.1,	53,	0.2537	,13:49:33	,01-Oct-2008
250,	52.2,	24.1,	53,	0.2477	,13:50:33	,01-Oct-2008
251,	52.3,	24.2,	52,	0.2269	,13:51:33	,01-Oct-2008
252,	50.2,	24.2,	52,	0.2076	,13:52:33	,01-Oct-2008
253,	50.7,	24.2,	52,	0.2135	,13:53:33	,01-Oct-2008
254,	50.4,	24.2,	52,	0.2011	,13:54:33	,01-Oct-2008
255,	47.8,	24.2,	52,	0.2090	,13:55:33	,01-Oct-2008
256,	48.2,	24.2,	52,	0.2060	,13:56:33	,01-Oct-2008
257,	48.3,	24.2,	52,	0.1983	,13:57:33	,01-Oct-2008
258,	49.8,	24.3,	52,	0.2154	,13:58:33	,01-Oct-2008
259,	53.0,	24.3,	52,	0.2310	,13:59:33	,01-Oct-2008
260,	48.2,	24.3,	53,	0.2413	,14:00:33	,01-Oct-2008
261,	48.4,	24.3,	52,	0.2024	,14:01:33	,01-Oct-2008
262,	48.8,	24.3,	52,	0.2307	,14:02:33	,01-Oct-2008
263,	49.4,	24.4,	52,	0.2039	,14:03:33	,01-Oct-2008
264,	54.9,	24.4,	52,	0.2493	,14:04:33	,01-Oct-2008
265,	54.4,	24.5,	52,	0.2407	,14:05:33	,01-Oct-2008
266,	60.9,	24.5,	52,	0.2371	,14:06:33	,01-Oct-2008
267,	56.0,	24.6,	52,	0.1965	,14:07:33	,01-Oct-2008
268,	65.0,	24.7,	51,	0.2276	,14:08:33	,01-Oct-2008
269,	55.9,	24.8,	51,	0.1795	,14:09:33	,01-Oct-2008
270,	57.8,	24.9,	50,	0.1817	,14:10:33	,01-Oct-2008
271,	61.6,	25.0,	50,	0.1933	,14:11:33	,01-Oct-2008
272,	68.0,	25.1,	49,	0.2338	,14:12:33	,01-Oct-2008
273,	73.4,	25.1,	48,	0.2654	,14:13:33	,01-Oct-2008
274,	87.0,	25.2,	48,	0.2641	,14:14:33	,01-Oct-2008
275,	74.0,	25.3,	47,	0.2339	,14:15:33	,01-Oct-2008
276,	70.2,	25.4,	47,	0.2138	,14:16:33	,01-Oct-2008
277,	82.5,	25.4,	47,	0.2478	,14:17:33	,01-Oct-2008
278,	73.7,	25.5,	46,	0.2259	,14:18:33	,01-Oct-2008
279,	69.0,	25.5,	46,	0.2571	,14:19:33	,01-Oct-2008
280,	62.9,	25.5,	46,	0.2331	,14:20:33	,01-Oct-2008
281,	61.4,	25.6,	45,	0.2109	,14:21:33	,01-Oct-2008
282,	58.7,	25.6,	46,	0.2049	,14:22:33	,01-Oct-2008
283,	58.8,	25.6,	46,	0.2253	,14:23:33	,01-Oct-2008
284,	59.7,	25.6,	46,	0.2526	,14:24:33	,01-Oct-2008
285,	50.4,	25.6,	46,	0.1834	,14:25:33	,01-Oct-2008
286,	51.2,	25.6,	46,	0.2189	,14:26:33	,01-Oct-2008
287,	56.1,	25.6,	46,	0.2022	,14:27:33	,01-Oct-2008
288,	55.4,	25.6,	46,	0.1916	,14:28:33	,01-Oct-2008
289,	58.8,	25.7,	46,	0.1851	,14:29:33	,01-Oct-2008
290,	59.0,	25.7,	46,	0.2406	,14:30:33	,01-Oct-2008

291,	52.2,	25.7,	46,	0.2064	,14:31:33	,01-Oct-2008
292,	50.0,	25.7,	45,	0.1986	,14:32:33	,01-Oct-2008
293,	53.9,	25.8,	45,	0.2279	,14:33:33	,01-Oct-2008
294,	54.8,	25.9,	45,	0.2185	,14:34:33	,01-Oct-2008
295,	53.4,	26.0,	45,	0.2265	,14:35:33	,01-Oct-2008
296,	49.6,	26.0,	45,	0.2163	,14:36:33	,01-Oct-2008
297,	54.9,	26.1,	44,	0.2648	,14:37:33	,01-Oct-2008
298,	47.0,	26.1,	44,	0.2223	,14:38:33	,01-Oct-2008
299,	46.4,	26.2,	44,	0.2242	,14:39:33	,01-Oct-2008
300,	44.6,	26.2,	44,	0.2069	,14:40:33	,01-Oct-2008
301,	43.2,	26.2,	44,	0.2594	,14:41:33	,01-Oct-2008
302,	42.3,	26.2,	43,	0.2121	,14:42:33	,01-Oct-2008
303,	40.9,	26.2,	43,	0.1826	,14:43:33	,01-Oct-2008
304,	39.1,	26.2,	43,	0.2075	,14:44:33	,01-Oct-2008
305,	41.4,	26.2,	43,	0.2350	,14:45:33	,01-Oct-2008
306,	38.8,	26.2,	43,	0.2081	,14:46:33	,01-Oct-2008
307,	40.4,	26.3,	43,	0.2256	,14:47:33	,01-Oct-2008
308,	40.8,	26.3,	43,	0.1958	,14:48:33	,01-Oct-2008
309,	41.8,	26.3,	43,	0.2066	,14:49:33	,01-Oct-2008
310,	42.4,	26.3,	43,	0.2060	,14:50:33	,01-Oct-2008
311,	40.5,	26.4,	43,	0.1974	,14:51:33	,01-Oct-2008
312,	39.6,	26.4,	43,	0.1822	,14:52:33	,01-Oct-2008
313,	39.1,	26.4,	42,	0.1556	,14:53:33	,01-Oct-2008
314,	42.1,	26.5,	42,	0.1832	,14:54:33	,01-Oct-2008
315,	42.8,	26.5,	42,	0.1926	,14:55:33	,01-Oct-2008
316,	43.7,	26.5,	42,	0.1695	,14:56:33	,01-Oct-2008
317,	47.0,	26.5,	42,	0.2007	,14:57:33	,01-Oct-2008
318,	50.7,	26.6,	41,	0.1777	,14:58:33	,01-Oct-2008
319,	48.7,	26.6,	41,	0.1820	,14:59:33	,01-Oct-2008
320,	44.7,	26.6,	41,	0.1941	,15:00:33	,01-Oct-2008
321,	45.1,	26.6,	41,	0.2017	,15:01:33	,01-Oct-2008
322,	42.9,	26.6,	41,	0.1930	,15:02:33	,01-Oct-2008
323,	46.5,	26.6,	41,	0.2018	,15:03:33	,01-Oct-2008
324,	48.6,	26.6,	41,	0.2272	,15:04:33	,01-Oct-2008
325,	47.9,	26.7,	41,	0.1981	,15:05:33	,01-Oct-2008
326,	52.2,	26.7,	41,	0.2237	,15:06:33	,01-Oct-2008
327,	54.1,	26.7,	41,	0.1945	,15:07:33	,01-Oct-2008
328,	56.8,	26.7,	41,	0.2041	,15:08:33	,01-Oct-2008
329,	59.4,	26.7,	41,	0.2419	,15:09:33	,01-Oct-2008
330,	61.7,	26.7,	41,	0.2177	,15:10:33	,01-Oct-2008
331,	62.2,	26.7,	42,	0.2135	,15:11:33	,01-Oct-2008
332,	61.5,	26.7,	42,	0.2579	,15:12:33	,01-Oct-2008
333,	59.6,	26.7,	42,	0.2556	,15:13:33	,01-Oct-2008
334,	55.2,	26.7,	42,	0.2451	,15:14:33	,01-Oct-2008
335,	63.5,	26.7,	42,	0.3036	,15:15:33	,01-Oct-2008
336,	57.0,	26.7,	42,	0.2716	,15:16:33	,01-Oct-2008
337,	54.3,	26.7,	42,	0.2233	,15:17:33	,01-Oct-2008
338,	53.0,	26.7,	42,	0.2155	,15:18:33	,01-Oct-2008
339,	55.5,	26.7,	42,	0.2477	,15:19:33	,01-Oct-2008
340,	60.4,	26.6,	42,	0.2386	,15:20:33	,01-Oct-2008
341,	55.9,	26.6,	42,	0.2094	,15:21:33	,01-Oct-2008
342,	54.7,	26.6,	42,	0.2403	,15:22:33	,01-Oct-2008
343,	61.3,	26.6,	42,	0.2805	,15:23:33	,01-Oct-2008
344,	58.7,	26.6,	42,	0.2573	,15:24:33	,01-Oct-2008
345,	58.7,	26.5,	42,	0.2080	,15:25:33	,01-Oct-2008
346,	56.9,	26.5,	42,	0.2237	,15:26:33	,01-Oct-2008
347,	58.1,	26.5,	42,	0.2383	,15:27:33	,01-Oct-2008
348,	54.2,	26.5,	42,	0.2321	,15:28:33	,01-Oct-2008
349,	60.2,	26.4,	43,	0.2436	,15:29:33	,01-Oct-2008
350,	57.5,	26.4,	43,	0.2205	,15:30:33	,01-Oct-2008
351,	59.7,	26.4,	43,	0.2365	,15:31:33	,01-Oct-2008
352,	56.4,	26.3,	44,	0.2300	,15:32:33	,01-Oct-2008
353,	59.2,	26.3,	44,	0.2674	,15:33:33	,01-Oct-2008

354,	52.7,	26.2,	44,	0.2081	,15:34:33	,01-Oct-2008
355,	51.2,	26.2,	45,	0.2331	,15:35:33	,01-Oct-2008
356,	51.2,	26.1,	45,	0.2282	,15:36:33	,01-Oct-2008
357,	51.0,	26.1,	45,	0.1988	,15:37:33	,01-Oct-2008
358,	48.4,	26.0,	46,	0.1973	,15:38:33	,01-Oct-2008
359,	45.8,	25.9,	46,	0.1696	,15:39:33	,01-Oct-2008
360,	46.3,	25.9,	46,	0.2164	,15:40:33	,01-Oct-2008
361,	43.3,	25.8,	46,	0.1822	,15:41:33	,01-Oct-2008
362,	49.5,	25.7,	46,	0.2000	,15:42:33	,01-Oct-2008
363,	55.3,	25.7,	45,	0.2165	,15:43:33	,01-Oct-2008
364,	52.6,	25.6,	45,	0.2326	,15:44:33	,01-Oct-2008
365,	53.6,	25.6,	45,	0.2287	,15:45:33	,01-Oct-2008
366,	56.5,	25.6,	45,	0.2535	,15:46:33	,01-Oct-2008
367,	54.3,	25.5,	46,	0.2257	,15:47:33	,01-Oct-2008
368,	58.6,	25.5,	46,	0.2691	,15:48:33	,01-Oct-2008
369,	56.3,	25.5,	46,	0.2497	,15:49:33	,01-Oct-2008
370,	58.7,	25.5,	45,	0.2521	,15:50:33	,01-Oct-2008
371,	54.4,	25.4,	45,	0.2383	,15:51:33	,01-Oct-2008
372,	55.4,	25.4,	45,	0.2361	,15:52:33	,01-Oct-2008
373,	58.6,	25.4,	45,	0.2494	,15:53:33	,01-Oct-2008
374,	56.3,	25.4,	45,	0.2700	,15:54:33	,01-Oct-2008
375,	50.3,	25.4,	45,	0.2316	,15:55:33	,01-Oct-2008
376,	55.1,	25.4,	45,	0.2766	,15:56:33	,01-Oct-2008
377,	53.3,	25.4,	45,	0.2568	,15:57:33	,01-Oct-2008
378,	52.3,	25.4,	45,	0.2371	,15:58:33	,01-Oct-2008
379,	52.0,	25.4,	46,	0.2234	,15:59:33	,01-Oct-2008
380,	57.6,	25.4,	46,	0.2627	,16:00:33	,01-Oct-2008
381,	55.6,	25.4,	46,	0.2657	,16:01:33	,01-Oct-2008
382,	56.0,	25.4,	46,	0.2725	,16:02:33	,01-Oct-2008
383,	56.0,	25.4,	46,	0.2956	,16:03:33	,01-Oct-2008
384,	52.4,	25.4,	45,	0.2581	,16:04:33	,01-Oct-2008
385,	53.7,	25.4,	46,	0.2321	,16:05:33	,01-Oct-2008
386,	56.8,	25.4,	46,	0.2846	,16:06:33	,01-Oct-2008
387,	57.4,	25.4,	46,	0.2504	,16:07:33	,01-Oct-2008
388,	57.9,	25.4,	46,	0.2568	,16:08:33	,01-Oct-2008
389,	59.2,	25.4,	46,	0.2590	,16:09:33	,01-Oct-2008
390,	59.9,	25.4,	46,	0.2765	,16:10:33	,01-Oct-2008
391,	61.2,	25.5,	46,	0.2893	,16:11:33	,01-Oct-2008
392,	66.6,	25.5,	46,	0.2795	,16:12:33	,01-Oct-2008
393,	63.7,	25.5,	46,	0.3096	,16:13:33	,01-Oct-2008
394,	64.2,	25.5,	46,	0.2794	,16:14:33	,01-Oct-2008
395,	62.6,	25.5,	46,	0.2841	,16:15:33	,01-Oct-2008
396,	69.5,	25.5,	46,	0.2703	,16:16:33	,01-Oct-2008
397,	65.5,	25.5,	46,	0.3114	,16:17:33	,01-Oct-2008
398,	64.1,	25.5,	46,	0.2585	,16:18:33	,01-Oct-2008
399,	59.7,	25.5,	46,	0.2625	,16:19:33	,01-Oct-2008
400,	60.6,	25.5,	46,	0.2654	,16:20:33	,01-Oct-2008
401,	62.4,	25.5,	46,	0.2388	,16:21:33	,01-Oct-2008
402,	60.9,	25.5,	46,	0.2395	,16:22:33	,01-Oct-2008
403,	61.8,	25.5,	46,	0.2371	,16:23:33	,01-Oct-2008
404,	61.4,	25.5,	45,	0.3002	,16:24:33	,01-Oct-2008
405,	58.3,	25.5,	45,	0.2714	,16:25:33	,01-Oct-2008
406,	60.4,	25.4,	46,	0.2689	,16:26:33	,01-Oct-2008
407,	59.8,	25.4,	46,	0.2721	,16:27:33	,01-Oct-2008
408,	59.2,	25.4,	45,	0.2929	,16:28:33	,01-Oct-2008
409,	57.9,	25.4,	46,	0.2439	,16:29:33	,01-Oct-2008
410,	54.4,	25.4,	45,	0.2552	,16:30:33	,01-Oct-2008
411,	57.0,	25.4,	46,	0.3096	,16:31:33	,01-Oct-2008
412,	55.9,	25.4,	46,	0.2990	,16:32:33	,01-Oct-2008
413,	51.5,	25.4,	46,	0.2191	,16:33:33	,01-Oct-2008
414,	54.2,	25.4,	46,	0.2389	,16:34:33	,01-Oct-2008
415,	52.0,	25.4,	46,	0.1971	,16:35:33	,01-Oct-2008
416,	53.1,	25.3,	46,	0.2385	,16:36:33	,01-Oct-2008

417,	52.7,	25.3,	46,	0.2569	,16:37:33	,01-Oct-2008
418,	58.5,	25.3,	46,	0.2752	,16:38:33	,01-Oct-2008
419,	56.3,	25.3,	46,	0.2942	,16:39:33	,01-Oct-2008
420,	55.0,	25.3,	46,	0.2863	,16:40:33	,01-Oct-2008
421,	57.8,	25.3,	46,	0.2791	,16:41:33	,01-Oct-2008
422,	54.9,	25.2,	46,	0.2656	,16:42:33	,01-Oct-2008
423,	51.2,	25.2,	46,	0.2689	,16:43:33	,01-Oct-2008
424,	50.5,	25.2,	47,	0.2976	,16:44:33	,01-Oct-2008
425,	46.9,	25.2,	47,	0.2386	,16:45:33	,01-Oct-2008
426,	49.7,	25.2,	47,	0.2685	,16:46:33	,01-Oct-2008
427,	48.9,	25.2,	48,	0.2493	,16:47:33	,01-Oct-2008
428,	48.2,	25.1,	48,	0.2494	,16:48:33	,01-Oct-2008
429,	45.3,	25.1,	48,	0.2302	,16:49:33	,01-Oct-2008
430,	49.5,	25.1,	48,	0.2726	,16:50:33	,01-Oct-2008
431,	47.6,	25.1,	49,	0.2616	,16:51:33	,01-Oct-2008
432,	47.9,	25.1,	49,	0.2732	,16:52:33	,01-Oct-2008
433,	50.2,	25.1,	49,	0.2614	,16:53:33	,01-Oct-2008
434,	48.7,	25.1,	49,	0.2347	,16:54:33	,01-Oct-2008
435,	49.8,	25.1,	48,	0.2337	,16:55:33	,01-Oct-2008
436,	51.7,	25.1,	48,	0.2609	,16:56:33	,01-Oct-2008
437,	50.8,	25.1,	48,	0.2468	,16:57:33	,01-Oct-2008
438,	50.6,	25.1,	48,	0.2657	,16:58:33	,01-Oct-2008
439,	46.4,	25.1,	48,	0.2319	,16:59:33	,01-Oct-2008
440,	50.4,	25.1,	48,	0.2408	,17:00:33	,01-Oct-2008
441,	47.7,	25.1,	48,	0.2634	,17:01:33	,01-Oct-2008
442,	48.0,	25.0,	48,	0.2323	,17:02:33	,01-Oct-2008
443,	47.0,	25.0,	48,	0.2305	,17:03:33	,01-Oct-2008
444,	48.5,	25.0,	48,	0.2512	,17:04:33	,01-Oct-2008
445,	46.3,	25.0,	49,	0.2396	,17:05:33	,01-Oct-2008
446,	50.7,	25.0,	48,	0.2471	,17:06:33	,01-Oct-2008
447,	46.2,	24.9,	48,	0.2464	,17:07:33	,01-Oct-2008
448,	45.0,	24.9,	48,	0.2176	,17:08:33	,01-Oct-2008
449,	47.1,	24.9,	48,	0.2355	,17:09:33	,01-Oct-2008
450,	46.7,	24.9,	48,	0.2076	,17:10:33	,01-Oct-2008
451,	46.4,	24.9,	49,	0.2357	,17:11:33	,01-Oct-2008
452,	51.0,	24.8,	49,	0.2387	,17:12:33	,01-Oct-2008
453,	47.6,	24.8,	49,	0.2447	,17:13:33	,01-Oct-2008
454,	47.2,	24.8,	49,	0.2226	,17:14:33	,01-Oct-2008
455,	44.8,	24.7,	50,	0.2113	,17:15:33	,01-Oct-2008
456,	46.0,	24.7,	50,	0.2197	,17:16:33	,01-Oct-2008
457,	50.4,	24.7,	50,	0.2537	,17:17:33	,01-Oct-2008
458,	45.9,	24.6,	50,	0.2344	,17:18:33	,01-Oct-2008
459,	51.3,	24.6,	50,	0.3164	,17:19:33	,01-Oct-2008
460,	47.9,	24.6,	50,	0.2456	,17:20:33	,01-Oct-2008
461,	45.2,	24.5,	51,	0.2265	,17:21:33	,01-Oct-2008
462,	47.7,	24.5,	51,	0.2405	,17:22:33	,01-Oct-2008
463,	52.4,	24.5,	51,	0.2712	,17:23:33	,01-Oct-2008
464,	50.7,	24.4,	50,	0.2364	,17:24:33	,01-Oct-2008
465,	48.9,	24.4,	50,	0.2246	,17:25:33	,01-Oct-2008
466,	47.6,	24.3,	50,	0.2410	,17:26:33	,01-Oct-2008
467,	43.4,	24.3,	50,	0.2270	,17:27:33	,01-Oct-2008
468,	43.8,	24.2,	51,	0.2401	,17:28:33	,01-Oct-2008
469,	42.2,	24.2,	51,	0.1907	,17:29:33	,01-Oct-2008
470,	45.2,	24.1,	51,	0.2065	,17:30:33	,01-Oct-2008
471,	42.6,	24.1,	51,	0.2319	,17:31:33	,01-Oct-2008
472,	43.9,	24.1,	52,	0.2202	,17:32:33	,01-Oct-2008
473,	48.0,	24.0,	52,	0.2389	,17:33:33	,01-Oct-2008
474,	49.1,	24.0,	52,	0.2790	,17:34:33	,01-Oct-2008
475,	43.5,	24.0,	52,	0.2300	,17:35:33	,01-Oct-2008
476,	49.5,	24.0,	52,	0.2712	,17:36:33	,01-Oct-2008
477,	48.3,	23.9,	51,	0.2578	,17:37:33	,01-Oct-2008
478,	50.4,	23.9,	51,	0.2773	,17:38:33	,01-Oct-2008
479,	49.9,	23.9,	51,	0.2729	,17:39:33	,01-Oct-2008

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480,	49.6,	23.9,	51,	0.2844	,17:40:33	,01-Oct-2008
481,	47.4,	23.9,	51,	0.2414	,17:41:33	,01-Oct-2008
482,	49.5,	23.9,	52,	0.2439	,17:42:33	,01-Oct-2008
483,	48.1,	23.9,	52,	0.2500	,17:43:33	,01-Oct-2008
484,	49.9,	24.0,	52,	0.2928	,17:44:33	,01-Oct-2008

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., Oct 1, 2008 **REPORT NO.** 42

WEATHER Sunny **TEMPERATURE** 54L 76H

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)
John Deere 544 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

(07:00-18:00) Contractor's working hours at Wheeler Bay

(07:00) Contractor's safety meeting

Today, contractor had 5 loads (approx. 110 cuyds) of approved top soil delivered and placed 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 applying water to topsoil when needed for dust abatement while broadcasting topsoil into place.
Contractor has planted approx. 15 new trees starting at elev. 15 at sta 6+75, following willow planting pattern dwg. Detail 3/L2 and sheet L-1.

Contractor continues importing habitat cover mix & stockpiling on top of bank. JD 544 loading HM30 with mix and hauling down to toe of slope where PC200 is unloading and covering armor rock. Contractor had 24 loads of mix delivered today, approx. 366 tons.

Contractor installed 3 LWD (delivered from Astoria) and secured them to eco-blocks per dwg detail 4/L2, at approx sta 5+00.
PC200 loading HM30 with pre-existing LWD, that was removed and stockpiled at beginning of project, and placing them on top of habitat cover throughout project site.

Ashcreek's on site inspector (Doug) verifying 2' depth of topsoil by probing through fabric to top of subgrade, all areas where top soil is placed.

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:

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., Oct 1, 2008 **REPORT NO.** 42

WEATHER Sunny **TEMPERATURE** 54L 76H

SITE PHOTOS/VIDEOS TAKEN:	FORCE ACCOUNT WORK/ CHANGES ENCOUNTERED:

INSPECTOR Philipp G. Bales HRS DATE 10-1-8
(signature on hardcopy)

Ash Creek Associates, Inc.
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Fax (503) 924-4707

PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	43		
PAGE	1	OF	2
DATE	10/2/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	1100
LOCATION	Terminal 4	DEPARTURE TIME	1215
CLIENT	Port of Portland	WEATHER	partly cloudy 70F; Winds: W 2-4 mph
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	D. Urquhart	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			X	X
Shrubs and Plantings			X		
Mulch			X		
Hydroseeding			X		
Habitat Cover	X			X	X
Jute Matting			X		
Habitat Logs and LWD	X			X	X

COMMENTS:

Place habitat cover from 5+00 to 2+50; Intall habitat logs at 5+00; Place LWD from 5+00 to 2+50.

Place topsoil from 1+50 to 0+00 EL 20' to 30'; Install Coir Fabric from 1+50 to 0+00 EL15' to 20'.

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PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	43		
PAGE	2	OF	2
DATE	10/2/2008		

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:

Place top soil, install habitat logs, place habitat cover, place LWD, and install coir fabric (see page 1).

BY

Douglas Urquhart
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:	Shower/Hail	Date:	10/2/2008
Min Temp: __57___	Winds:	Light	Week Day:	Thursday
	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	6PM	HM300 ARTIC	Modern	6		301	Fish mix, LWD, Habitat logs
GEORGE LOTZE	301				FEL loader	United	4		301	Fish mix, LWD, Habitat logs
SCOTT LAW	301	10.5	7AM	6PM	PC200 EXC.	3366	9		301	Fish mix, LWD, Habitat logs
MATTHEW PATCHING	301	10.5	7AM	6PM	WATER TRUCK	United	2		301	Dust control, water trees
SKIP SIMPSON					JD310 BACKHOE	1196	0			
SUZANNE STARKEY										

DESCRIPTION OF WORK (detail below):

Place Habitat Rock.

Place topsoil and coir fabric.

Air monitoring terminated 16:05 because of hail and rain.

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	5+50		2+90		150		X	312000-3 (2.6)
Habitat Cover	0+00		1+45		80	420	X	312000-3 (2.6)
Topsoil	0+00		1+45		44	1,408	X	329119-2 (2.5)
Coir Fabric	0+00		1+45		255	756	X	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.):

44 CY Topsoil, Elev. 15.0-28.0

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

"Model Number", "DataRAM 4 ", 106
"Serial no. ", "D736 "
"Device no. ", 1
"Tag Number ", 6
"Start Time ", 08:09:02
"Start Date ", 02-Oct-2008
"Log Period ", 00:01:00
"Number ", 476
"CalFactor ", 1.000000
"Unit ", 0
"Unit Name ", "(MASS)ug/m3"
"SIZE_CORRECT", "DISABLED"
"TEMPUNITS ", C
"Max MASS ", 87.499230
"Max MASS @ ", 233 ,12:02:02 ,02-Oct-2008
"Avg MASS ", 41.041520
"Max Diam ", 0.307067
"Max Diam @ ", 475 ,16:04:02 ,02-Oct-2008
"Avg Diam ", 0.186619
"ALARM ", "DISABLED"
"ALARM_LEVEL ", 0.0
"AUTO_ZERO ", "DISABLED"
"AZ INTERVAL ", 1
"Errors ", 0000

record,	"(MASS)ug/m3",	Temp,	RHumidity,	Diameter		
1,	63.4,	18.9,	53,	0.2885	,08:10:02	,02-Oct-2008
2,	39.2,	18.9,	55,	0.1979	,08:11:02	,02-Oct-2008
3,	39.7,	18.9,	57,	0.1934	,08:12:02	,02-Oct-2008
4,	40.7,	18.8,	59,	0.2201	,08:13:02	,02-Oct-2008
5,	38.2,	18.8,	60,	0.1933	,08:14:02	,02-Oct-2008
6,	37.0,	18.7,	61,	0.1958	,08:15:02	,02-Oct-2008
7,	39.5,	18.7,	61,	0.2019	,08:16:02	,02-Oct-2008
8,	40.6,	18.7,	62,	0.2080	,08:17:02	,02-Oct-2008
9,	40.1,	18.6,	63,	0.1922	,08:18:02	,02-Oct-2008
10,	38.4,	18.6,	63,	0.1663	,08:19:02	,02-Oct-2008
11,	42.0,	18.5,	64,	0.1942	,08:20:02	,02-Oct-2008
12,	43.0,	18.5,	64,	0.2056	,08:21:02	,02-Oct-2008
13,	46.9,	18.5,	65,	0.1940	,08:22:02	,02-Oct-2008
14,	44.8,	18.4,	65,	0.2263	,08:23:02	,02-Oct-2008
15,	40.7,	18.4,	65,	0.1991	,08:24:02	,02-Oct-2008
16,	42.8,	18.3,	66,	0.2147	,08:25:02	,02-Oct-2008
17,	43.1,	18.3,	66,	0.1755	,08:26:02	,02-Oct-2008
18,	45.9,	18.2,	66,	0.2080	,08:27:02	,02-Oct-2008
19,	50.2,	18.2,	67,	0.2314	,08:28:02	,02-Oct-2008
20,	55.6,	18.1,	67,	0.2369	,08:29:02	,02-Oct-2008
21,	56.9,	18.1,	67,	0.2201	,08:30:02	,02-Oct-2008
22,	55.2,	18.1,	68,	0.2078	,08:31:02	,02-Oct-2008
23,	57.7,	18.0,	68,	0.2146	,08:32:02	,02-Oct-2008
24,	64.0,	18.0,	68,	0.2319	,08:33:02	,02-Oct-2008
25,	64.2,	18.0,	68,	0.2137	,08:34:02	,02-Oct-2008
26,	64.6,	18.0,	69,	0.2335	,08:35:02	,02-Oct-2008
27,	59.6,	17.9,	69,	0.2119	,08:36:02	,02-Oct-2008
28,	57.3,	17.9,	69,	0.1856	,08:37:02	,02-Oct-2008
29,	55.7,	17.9,	69,	0.1888	,08:38:02	,02-Oct-2008
30,	57.9,	17.8,	69,	0.2107	,08:39:02	,02-Oct-2008
31,	59.9,	17.8,	70,	0.2174	,08:40:02	,02-Oct-2008
32,	57.2,	17.7,	70,	0.2232	,08:41:02	,02-Oct-2008
33,	65.5,	17.7,	70,	0.2627	,08:42:02	,02-Oct-2008
34,	61.2,	17.7,	70,	0.2350	,08:43:02	,02-Oct-2008
35,	63.1,	17.7,	70,	0.2300	,08:44:02	,02-Oct-2008
36,	61.2,	17.7,	70,	0.2211	,08:45:02	,02-Oct-2008
37,	59.3,	17.7,	71,	0.2192	,08:46:02	,02-Oct-2008
38,	60.7,	17.6,	71,	0.2025	,08:47:02	,02-Oct-2008

39,	59.8,	17.6,	71,	0.2096	,08:48:02	,02-Oct-2008
40,	58.5,	17.6,	71,	0.1961	,08:49:02	,02-Oct-2008
41,	58.1,	17.6,	71,	0.1986	,08:50:02	,02-Oct-2008
42,	59.3,	17.6,	71,	0.2066	,08:51:02	,02-Oct-2008
43,	60.7,	17.6,	71,	0.2022	,08:52:02	,02-Oct-2008
44,	53.2,	17.6,	72,	0.1989	,08:53:02	,02-Oct-2008
45,	46.2,	17.6,	72,	0.2004	,08:54:02	,02-Oct-2008
46,	45.6,	17.6,	72,	0.2144	,08:55:02	,02-Oct-2008
47,	50.2,	17.6,	73,	0.2326	,08:56:02	,02-Oct-2008
48,	49.0,	17.6,	73,	0.1861	,08:57:02	,02-Oct-2008
49,	49.1,	17.6,	73,	0.1965	,08:58:02	,02-Oct-2008
50,	48.4,	17.6,	73,	0.2271	,08:59:02	,02-Oct-2008
51,	44.0,	17.6,	73,	0.1930	,09:00:02	,02-Oct-2008
52,	44.4,	17.6,	73,	0.1967	,09:01:02	,02-Oct-2008
53,	46.2,	17.6,	73,	0.2119	,09:02:02	,02-Oct-2008
54,	48.7,	17.6,	73,	0.2061	,09:03:02	,02-Oct-2008
55,	47.2,	17.7,	74,	0.1804	,09:04:02	,02-Oct-2008
56,	45.7,	17.7,	74,	0.1920	,09:05:02	,02-Oct-2008
57,	45.0,	17.7,	74,	0.1766	,09:06:02	,02-Oct-2008
58,	47.7,	17.7,	73,	0.1916	,09:07:02	,02-Oct-2008
59,	46.8,	17.7,	73,	0.1831	,09:08:02	,02-Oct-2008
60,	49.1,	17.7,	73,	0.1860	,09:09:02	,02-Oct-2008
61,	52.5,	17.7,	73,	0.1910	,09:10:02	,02-Oct-2008
62,	59.6,	17.7,	73,	0.2220	,09:11:02	,02-Oct-2008
63,	55.9,	17.7,	74,	0.1924	,09:12:02	,02-Oct-2008
64,	57.4,	17.7,	74,	0.2113	,09:13:02	,02-Oct-2008
65,	60.5,	17.7,	74,	0.2210	,09:14:02	,02-Oct-2008
66,	58.7,	17.7,	74,	0.2212	,09:15:02	,02-Oct-2008
67,	58.6,	17.7,	74,	0.2191	,09:16:02	,02-Oct-2008
68,	57.6,	17.7,	74,	0.1931	,09:17:02	,02-Oct-2008
69,	60.8,	17.7,	74,	0.1987	,09:18:02	,02-Oct-2008
70,	60.2,	17.7,	74,	0.1863	,09:19:02	,02-Oct-2008
71,	61.1,	17.7,	74,	0.1851	,09:20:02	,02-Oct-2008
72,	58.6,	17.7,	74,	0.1887	,09:21:02	,02-Oct-2008
73,	58.6,	17.7,	74,	0.2079	,09:22:02	,02-Oct-2008
74,	65.6,	17.7,	74,	0.2353	,09:23:02	,02-Oct-2008
75,	61.3,	17.7,	74,	0.2237	,09:24:02	,02-Oct-2008
76,	61.6,	17.7,	74,	0.2042	,09:25:02	,02-Oct-2008
77,	60.9,	17.7,	74,	0.1885	,09:26:02	,02-Oct-2008
78,	65.0,	17.7,	74,	0.2115	,09:27:02	,02-Oct-2008
79,	57.7,	17.8,	75,	0.1953	,09:28:02	,02-Oct-2008
80,	49.0,	17.8,	75,	0.2032	,09:29:02	,02-Oct-2008
81,	55.2,	17.8,	75,	0.2230	,09:30:02	,02-Oct-2008
82,	56.0,	17.8,	75,	0.2405	,09:31:02	,02-Oct-2008
83,	51.8,	17.9,	75,	0.2068	,09:32:02	,02-Oct-2008
84,	50.7,	17.9,	75,	0.1963	,09:33:02	,02-Oct-2008
85,	48.9,	17.9,	76,	0.1896	,09:34:02	,02-Oct-2008
86,	48.4,	17.9,	75,	0.1913	,09:35:02	,02-Oct-2008
87,	51.4,	17.9,	76,	0.2081	,09:36:02	,02-Oct-2008
88,	53.5,	17.9,	76,	0.1971	,09:37:02	,02-Oct-2008
89,	56.2,	18.0,	76,	0.2044	,09:38:02	,02-Oct-2008
90,	48.6,	18.0,	76,	0.1742	,09:39:02	,02-Oct-2008
91,	51.1,	18.0,	76,	0.1846	,09:40:02	,02-Oct-2008
92,	51.3,	18.1,	76,	0.1801	,09:41:02	,02-Oct-2008
93,	52.6,	18.1,	76,	0.1791	,09:42:02	,02-Oct-2008
94,	50.5,	18.2,	76,	0.1879	,09:43:02	,02-Oct-2008
95,	50.0,	18.2,	76,	0.1812	,09:44:02	,02-Oct-2008
96,	54.2,	18.3,	76,	0.2182	,09:45:02	,02-Oct-2008
97,	52.5,	18.3,	76,	0.2074	,09:46:02	,02-Oct-2008
98,	55.7,	18.4,	76,	0.2349	,09:47:02	,02-Oct-2008
99,	54.8,	18.5,	76,	0.2011	,09:48:02	,02-Oct-2008
100,	53.5,	18.5,	76,	0.1977	,09:49:02	,02-Oct-2008
101,	54.8,	18.5,	76,	0.1856	,09:50:02	,02-Oct-2008

102,	48.3,	18.6,	76,	0.1650	,09:51:02	,02-Oct-2008
103,	43.4,	18.6,	76,	0.1830	,09:52:02	,02-Oct-2008
104,	45.8,	18.6,	76,	0.2139	,09:53:02	,02-Oct-2008
105,	42.6,	18.6,	76,	0.1953	,09:54:02	,02-Oct-2008
106,	40.2,	18.6,	76,	0.1711	,09:55:02	,02-Oct-2008
107,	39.3,	18.7,	76,	0.1612	,09:56:02	,02-Oct-2008
108,	39.9,	18.7,	76,	0.1660	,09:57:02	,02-Oct-2008
109,	40.2,	18.7,	76,	0.1668	,09:58:02	,02-Oct-2008
110,	39.9,	18.7,	76,	0.1723	,09:59:02	,02-Oct-2008
111,	40.8,	18.7,	76,	0.1780	,10:00:02	,02-Oct-2008
112,	43.8,	18.7,	76,	0.1856	,10:01:02	,02-Oct-2008
113,	42.9,	18.7,	76,	0.1772	,10:02:02	,02-Oct-2008
114,	42.4,	18.7,	76,	0.1676	,10:03:02	,02-Oct-2008
115,	46.6,	18.7,	76,	0.2013	,10:04:02	,02-Oct-2008
116,	45.4,	18.8,	76,	0.1862	,10:05:02	,02-Oct-2008
117,	49.0,	18.8,	76,	0.2047	,10:06:02	,02-Oct-2008
118,	50.2,	18.8,	76,	0.2032	,10:07:02	,02-Oct-2008
119,	50.0,	18.8,	76,	0.2092	,10:08:02	,02-Oct-2008
120,	48.8,	18.8,	76,	0.1890	,10:09:02	,02-Oct-2008
121,	46.1,	18.8,	75,	0.1899	,10:10:02	,02-Oct-2008
122,	49.6,	18.8,	75,	0.2020	,10:11:02	,02-Oct-2008
123,	46.3,	18.9,	75,	0.1674	,10:12:02	,02-Oct-2008
124,	49.7,	18.9,	75,	0.1864	,10:13:02	,02-Oct-2008
125,	49.1,	18.9,	75,	0.1889	,10:14:02	,02-Oct-2008
126,	52.6,	18.9,	75,	0.2047	,10:15:02	,02-Oct-2008
127,	49.0,	18.9,	75,	0.1961	,10:16:02	,02-Oct-2008
128,	49.9,	18.9,	75,	0.2037	,10:17:02	,02-Oct-2008
129,	48.1,	19.0,	75,	0.1953	,10:18:02	,02-Oct-2008
130,	47.4,	19.0,	75,	0.1783	,10:19:02	,02-Oct-2008
131,	51.2,	19.0,	75,	0.1968	,10:20:02	,02-Oct-2008
132,	48.4,	19.0,	76,	0.1734	,10:21:02	,02-Oct-2008
133,	47.9,	19.0,	76,	0.1763	,10:22:02	,02-Oct-2008
134,	48.5,	19.1,	76,	0.1961	,10:23:02	,02-Oct-2008
135,	46.8,	19.1,	76,	0.1970	,10:24:02	,02-Oct-2008
136,	46.1,	19.1,	76,	0.1979	,10:25:02	,02-Oct-2008
137,	45.0,	19.1,	76,	0.1862	,10:26:02	,02-Oct-2008
138,	45.8,	19.1,	76,	0.1898	,10:27:02	,02-Oct-2008
139,	45.9,	19.2,	76,	0.1904	,10:28:02	,02-Oct-2008
140,	46.3,	19.2,	76,	0.1754	,10:29:02	,02-Oct-2008
141,	47.0,	19.2,	76,	0.1781	,10:30:02	,02-Oct-2008
142,	46.5,	19.2,	76,	0.1817	,10:31:02	,02-Oct-2008
143,	46.4,	19.2,	76,	0.1794	,10:32:02	,02-Oct-2008
144,	47.4,	19.3,	76,	0.1813	,10:33:02	,02-Oct-2008
145,	51.4,	19.3,	76,	0.1987	,10:34:02	,02-Oct-2008
146,	50.1,	19.3,	76,	0.2044	,10:35:02	,02-Oct-2008
147,	49.3,	19.3,	76,	0.1916	,10:36:02	,02-Oct-2008
148,	48.6,	19.4,	76,	0.1855	,10:37:02	,02-Oct-2008
149,	49.2,	19.4,	76,	0.1876	,10:38:02	,02-Oct-2008
150,	49.6,	19.4,	76,	0.1867	,10:39:02	,02-Oct-2008
151,	48.2,	19.4,	76,	0.1855	,10:40:02	,02-Oct-2008
152,	50.0,	19.5,	76,	0.1814	,10:41:02	,02-Oct-2008
153,	52.3,	19.5,	76,	0.1915	,10:42:02	,02-Oct-2008
154,	54.1,	19.5,	76,	0.2133	,10:43:02	,02-Oct-2008
155,	54.3,	19.5,	75,	0.2041	,10:44:02	,02-Oct-2008
156,	53.5,	19.6,	75,	0.1855	,10:45:02	,02-Oct-2008
157,	54.1,	19.6,	75,	0.2111	,10:46:02	,02-Oct-2008
158,	56.9,	19.6,	74,	0.2167	,10:47:02	,02-Oct-2008
159,	54.1,	19.6,	74,	0.1998	,10:48:02	,02-Oct-2008
160,	47.7,	19.6,	74,	0.1707	,10:49:02	,02-Oct-2008
161,	48.0,	19.7,	74,	0.1747	,10:50:02	,02-Oct-2008
162,	51.8,	19.7,	74,	0.1841	,10:51:02	,02-Oct-2008
163,	59.0,	19.7,	74,	0.1884	,10:52:02	,02-Oct-2008
164,	65.9,	19.7,	74,	0.1813	,10:53:02	,02-Oct-2008

165,	62.4,	19.8,	73,	0.1667	,10:54:02	,02-Oct-2008
166,	60.5,	19.8,	73,	0.1900	,10:55:02	,02-Oct-2008
167,	64.6,	19.9,	73,	0.1965	,10:56:02	,02-Oct-2008
168,	60.4,	19.9,	73,	0.1759	,10:57:02	,02-Oct-2008
169,	62.7,	20.0,	73,	0.2056	,10:58:02	,02-Oct-2008
170,	63.1,	20.0,	73,	0.1984	,10:59:02	,02-Oct-2008
171,	70.2,	20.0,	73,	0.1899	,11:00:02	,02-Oct-2008
172,	62.4,	20.0,	73,	0.1859	,11:01:02	,02-Oct-2008
173,	59.5,	20.1,	72,	0.1729	,11:02:02	,02-Oct-2008
174,	66.3,	20.1,	73,	0.1955	,11:03:02	,02-Oct-2008
175,	61.8,	20.1,	72,	0.1863	,11:04:02	,02-Oct-2008
176,	61.5,	20.2,	72,	0.1767	,11:05:02	,02-Oct-2008
177,	66.7,	20.2,	73,	0.1830	,11:06:02	,02-Oct-2008
178,	68.7,	20.2,	73,	0.1885	,11:07:02	,02-Oct-2008
179,	65.7,	20.2,	73,	0.1955	,11:08:02	,02-Oct-2008
180,	67.2,	20.3,	73,	0.1923	,11:09:02	,02-Oct-2008
181,	70.9,	20.3,	72,	0.1902	,11:10:02	,02-Oct-2008
182,	66.9,	20.3,	72,	0.1850	,11:11:02	,02-Oct-2008
183,	69.8,	20.3,	72,	0.1861	,11:12:02	,02-Oct-2008
184,	71.8,	20.3,	72,	0.1909	,11:13:02	,02-Oct-2008
185,	72.1,	20.4,	71,	0.1898	,11:14:02	,02-Oct-2008
186,	73.1,	20.4,	71,	0.1906	,11:15:02	,02-Oct-2008
187,	70.7,	20.4,	71,	0.1939	,11:16:02	,02-Oct-2008
188,	70.2,	20.4,	71,	0.1924	,11:17:02	,02-Oct-2008
189,	70.3,	20.4,	71,	0.1862	,11:18:02	,02-Oct-2008
190,	71.3,	20.4,	70,	0.1986	,11:19:02	,02-Oct-2008
191,	71.7,	20.4,	70,	0.1898	,11:20:02	,02-Oct-2008
192,	73.7,	20.4,	70,	0.2133	,11:21:02	,02-Oct-2008
193,	71.2,	20.4,	70,	0.2043	,11:22:02	,02-Oct-2008
194,	73.4,	20.4,	70,	0.2067	,11:23:02	,02-Oct-2008
195,	73.1,	20.4,	70,	0.2023	,11:24:02	,02-Oct-2008
196,	76.2,	20.4,	70,	0.1966	,11:25:02	,02-Oct-2008
197,	75.2,	20.4,	70,	0.1807	,11:26:02	,02-Oct-2008
198,	77.1,	20.4,	69,	0.1875	,11:27:02	,02-Oct-2008
199,	80.2,	20.4,	69,	0.1911	,11:28:02	,02-Oct-2008
200,	82.4,	20.4,	69,	0.2036	,11:29:02	,02-Oct-2008
201,	81.1,	20.4,	70,	0.1831	,11:30:02	,02-Oct-2008
202,	83.7,	20.5,	69,	0.1943	,11:31:02	,02-Oct-2008
203,	83.7,	20.5,	70,	0.2059	,11:32:02	,02-Oct-2008
204,	82.6,	20.5,	70,	0.2009	,11:33:02	,02-Oct-2008
205,	84.0,	20.5,	70,	0.2039	,11:34:02	,02-Oct-2008
206,	84.0,	20.5,	69,	0.1884	,11:35:02	,02-Oct-2008
207,	82.6,	20.5,	70,	0.1889	,11:36:02	,02-Oct-2008
208,	85.0,	20.6,	70,	0.1952	,11:37:02	,02-Oct-2008
209,	85.2,	20.6,	69,	0.2021	,11:38:02	,02-Oct-2008
210,	83.5,	20.6,	69,	0.1909	,11:39:02	,02-Oct-2008
211,	86.8,	20.7,	69,	0.2050	,11:40:02	,02-Oct-2008
212,	84.0,	20.7,	69,	0.1838	,11:41:02	,02-Oct-2008
213,	83.4,	20.7,	69,	0.1885	,11:42:02	,02-Oct-2008
214,	81.2,	20.8,	69,	0.1758	,11:43:02	,02-Oct-2008
215,	78.9,	20.8,	69,	0.1796	,11:44:02	,02-Oct-2008
216,	78.3,	20.9,	69,	0.1909	,11:45:02	,02-Oct-2008
217,	78.0,	20.9,	69,	0.1982	,11:46:02	,02-Oct-2008
218,	78.6,	20.9,	69,	0.1913	,11:47:02	,02-Oct-2008
219,	74.4,	21.0,	68,	0.1889	,11:48:02	,02-Oct-2008
220,	73.2,	21.0,	68,	0.1841	,11:49:02	,02-Oct-2008
221,	72.0,	21.0,	68,	0.1953	,11:50:02	,02-Oct-2008
222,	71.5,	21.1,	68,	0.1917	,11:51:02	,02-Oct-2008
223,	70.7,	21.1,	68,	0.2010	,11:52:02	,02-Oct-2008
224,	69.0,	21.1,	68,	0.2156	,11:53:02	,02-Oct-2008
225,	68.2,	21.1,	67,	0.1959	,11:54:02	,02-Oct-2008
226,	59.3,	21.2,	67,	0.1878	,11:55:02	,02-Oct-2008
227,	62.5,	21.2,	67,	0.1975	,11:56:02	,02-Oct-2008

228,	55.3,	21.2,	67,	0.1779	,11:57:02	,02-Oct-2008
229,	77.7,	21.2,	67,	0.1937	,11:58:02	,02-Oct-2008
230,	85.4,	21.2,	67,	0.1999	,11:59:02	,02-Oct-2008
231,	84.4,	21.3,	67,	0.2199	,12:00:02	,02-Oct-2008
232,	86.1,	21.3,	67,	0.2077	,12:01:02	,02-Oct-2008
233,	87.5,	21.3,	66,	0.2244	,12:02:02	,02-Oct-2008
234,	81.3,	21.4,	66,	0.2136	,12:03:02	,02-Oct-2008
235,	75.6,	21.4,	66,	0.2218	,12:04:02	,02-Oct-2008
236,	68.0,	21.4,	66,	0.1988	,12:05:02	,02-Oct-2008
237,	64.2,	21.4,	66,	0.2052	,12:06:02	,02-Oct-2008
238,	61.5,	21.5,	65,	0.2096	,12:07:02	,02-Oct-2008
239,	59.6,	21.5,	65,	0.1903	,12:08:02	,02-Oct-2008
240,	57.5,	21.5,	65,	0.2061	,12:09:02	,02-Oct-2008
241,	48.3,	21.5,	65,	0.2015	,12:10:02	,02-Oct-2008
242,	43.3,	21.5,	65,	0.1940	,12:11:02	,02-Oct-2008
243,	44.7,	21.5,	65,	0.1926	,12:12:02	,02-Oct-2008
244,	43.9,	21.5,	65,	0.2038	,12:13:02	,02-Oct-2008
245,	39.8,	21.6,	65,	0.1937	,12:14:02	,02-Oct-2008
246,	38.0,	21.6,	65,	0.1992	,12:15:02	,02-Oct-2008
247,	33.8,	21.6,	65,	0.1808	,12:16:02	,02-Oct-2008
248,	34.2,	21.6,	64,	0.1998	,12:17:02	,02-Oct-2008
249,	30.0,	21.6,	64,	0.1633	,12:18:02	,02-Oct-2008
250,	29.1,	21.6,	64,	0.1670	,12:19:02	,02-Oct-2008
251,	29.7,	21.6,	64,	0.1742	,12:20:02	,02-Oct-2008
252,	32.8,	21.6,	64,	0.1925	,12:21:02	,02-Oct-2008
253,	30.6,	21.6,	64,	0.1926	,12:22:02	,02-Oct-2008
254,	30.6,	21.6,	64,	0.1831	,12:23:02	,02-Oct-2008
255,	29.0,	21.6,	64,	0.1625	,12:24:02	,02-Oct-2008
256,	28.7,	21.6,	63,	0.1793	,12:25:02	,02-Oct-2008
257,	30.6,	21.6,	63,	0.2049	,12:26:02	,02-Oct-2008
258,	29.0,	21.6,	63,	0.1823	,12:27:02	,02-Oct-2008
259,	28.2,	21.6,	63,	0.1975	,12:28:02	,02-Oct-2008
260,	26.8,	21.6,	63,	0.1653	,12:29:02	,02-Oct-2008
261,	27.3,	21.6,	63,	0.1763	,12:30:02	,02-Oct-2008
262,	26.2,	21.6,	63,	0.1819	,12:31:02	,02-Oct-2008
263,	26.6,	21.6,	62,	0.1853	,12:32:02	,02-Oct-2008
264,	27.1,	21.6,	63,	0.1946	,12:33:02	,02-Oct-2008
265,	28.6,	21.6,	63,	0.2085	,12:34:02	,02-Oct-2008
266,	27.8,	21.6,	63,	0.1825	,12:35:02	,02-Oct-2008
267,	28.2,	21.6,	62,	0.1903	,12:36:02	,02-Oct-2008
268,	28.2,	21.6,	62,	0.1971	,12:37:02	,02-Oct-2008
269,	27.7,	21.6,	62,	0.1865	,12:38:02	,02-Oct-2008
270,	28.3,	21.6,	62,	0.2027	,12:39:02	,02-Oct-2008
271,	27.4,	21.6,	62,	0.2048	,12:40:02	,02-Oct-2008
272,	29.0,	21.6,	62,	0.1856	,12:41:02	,02-Oct-2008
273,	28.3,	21.6,	63,	0.2093	,12:42:02	,02-Oct-2008
274,	30.3,	21.6,	63,	0.2222	,12:43:02	,02-Oct-2008
275,	29.9,	21.6,	62,	0.1694	,12:44:02	,02-Oct-2008
276,	31.1,	21.6,	62,	0.1991	,12:45:02	,02-Oct-2008
277,	30.6,	21.5,	62,	0.1950	,12:46:02	,02-Oct-2008
278,	32.9,	21.5,	62,	0.2218	,12:47:02	,02-Oct-2008
279,	30.8,	21.5,	62,	0.2059	,12:48:02	,02-Oct-2008
280,	31.8,	21.5,	62,	0.2135	,12:49:02	,02-Oct-2008
281,	33.2,	21.5,	62,	0.2162	,12:50:02	,02-Oct-2008
282,	30.3,	21.5,	62,	0.1888	,12:51:02	,02-Oct-2008
283,	31.8,	21.5,	62,	0.2119	,12:52:02	,02-Oct-2008
284,	34.5,	21.5,	62,	0.2266	,12:53:02	,02-Oct-2008
285,	32.3,	21.5,	63,	0.2219	,12:54:02	,02-Oct-2008
286,	31.0,	21.4,	63,	0.2132	,12:55:02	,02-Oct-2008
287,	30.1,	21.4,	63,	0.1946	,12:56:02	,02-Oct-2008
288,	28.1,	21.4,	63,	0.1823	,12:57:02	,02-Oct-2008
289,	29.6,	21.4,	63,	0.1991	,12:58:02	,02-Oct-2008
290,	29.7,	21.4,	63,	0.2016	,12:59:02	,02-Oct-2008

291,	28.6,	21.4,	64,	0.1974	,13:00:02	,02-Oct-2008
292,	28.5,	21.4,	64,	0.1982	,13:01:02	,02-Oct-2008
293,	30.1,	21.4,	64,	0.2282	,13:02:02	,02-Oct-2008
294,	29.2,	21.4,	64,	0.2144	,13:03:02	,02-Oct-2008
295,	29.0,	21.4,	64,	0.2051	,13:04:02	,02-Oct-2008
296,	30.6,	21.4,	64,	0.2151	,13:05:02	,02-Oct-2008
297,	27.5,	21.4,	64,	0.1643	,13:06:02	,02-Oct-2008
298,	25.6,	21.4,	63,	0.1744	,13:07:02	,02-Oct-2008
299,	27.3,	21.4,	63,	0.1945	,13:08:02	,02-Oct-2008
300,	27.1,	21.4,	63,	0.1870	,13:09:02	,02-Oct-2008
301,	28.3,	21.4,	64,	0.2251	,13:10:02	,02-Oct-2008
302,	26.8,	21.4,	64,	0.2005	,13:11:02	,02-Oct-2008
303,	24.2,	21.4,	64,	0.1720	,13:12:02	,02-Oct-2008
304,	23.8,	21.4,	64,	0.1549	,13:13:02	,02-Oct-2008
305,	24.8,	21.4,	63,	0.1994	,13:14:02	,02-Oct-2008
306,	23.4,	21.4,	63,	0.1872	,13:15:02	,02-Oct-2008
307,	24.0,	21.4,	63,	0.1838	,13:16:02	,02-Oct-2008
308,	23.2,	21.4,	63,	0.1959	,13:17:02	,02-Oct-2008
309,	20.6,	21.4,	63,	0.1709	,13:18:02	,02-Oct-2008
310,	20.8,	21.4,	63,	0.1785	,13:19:02	,02-Oct-2008
311,	20.6,	21.4,	63,	0.1892	,13:20:02	,02-Oct-2008
312,	22.4,	21.4,	63,	0.1793	,13:21:02	,02-Oct-2008
313,	22.3,	21.4,	63,	0.1811	,13:22:02	,02-Oct-2008
314,	20.8,	21.4,	63,	0.1936	,13:23:02	,02-Oct-2008
315,	19.8,	21.4,	62,	0.1782	,13:24:02	,02-Oct-2008
316,	22.9,	21.4,	62,	0.1781	,13:25:02	,02-Oct-2008
317,	22.7,	21.4,	62,	0.1834	,13:26:02	,02-Oct-2008
318,	25.9,	21.4,	62,	0.2505	,13:27:02	,02-Oct-2008
319,	24.4,	21.4,	62,	0.2073	,13:28:02	,02-Oct-2008
320,	24.0,	21.4,	62,	0.1933	,13:29:02	,02-Oct-2008
321,	22.4,	21.4,	63,	0.2052	,13:30:02	,02-Oct-2008
322,	22.8,	21.4,	63,	0.1815	,13:31:02	,02-Oct-2008
323,	22.1,	21.5,	63,	0.1584	,13:32:02	,02-Oct-2008
324,	20.9,	21.5,	63,	0.1899	,13:33:02	,02-Oct-2008
325,	21.7,	21.5,	64,	0.1933	,13:34:02	,02-Oct-2008
326,	19.3,	21.5,	63,	0.1672	,13:35:02	,02-Oct-2008
327,	21.0,	21.5,	63,	0.1917	,13:36:02	,02-Oct-2008
328,	19.1,	21.5,	63,	0.1638	,13:37:02	,02-Oct-2008
329,	19.3,	21.5,	63,	0.2046	,13:38:02	,02-Oct-2008
330,	19.0,	21.6,	62,	0.1677	,13:39:02	,02-Oct-2008
331,	20.7,	21.6,	62,	0.1952	,13:40:02	,02-Oct-2008
332,	17.8,	21.6,	62,	0.2024	,13:41:02	,02-Oct-2008
333,	17.6,	21.6,	62,	0.1797	,13:42:02	,02-Oct-2008
334,	16.9,	21.7,	62,	0.1706	,13:43:02	,02-Oct-2008
335,	16.9,	21.7,	61,	0.1845	,13:44:02	,02-Oct-2008
336,	17.1,	21.7,	61,	0.1818	,13:45:02	,02-Oct-2008
337,	17.1,	21.7,	61,	0.1655	,13:46:02	,02-Oct-2008
338,	17.6,	21.7,	61,	0.1509	,13:47:02	,02-Oct-2008
339,	17.4,	21.7,	61,	0.1735	,13:48:02	,02-Oct-2008
340,	16.9,	21.8,	61,	0.1832	,13:49:02	,02-Oct-2008
341,	17.1,	21.8,	60,	0.1594	,13:50:02	,02-Oct-2008
342,	19.3,	21.8,	61,	0.1753	,13:51:02	,02-Oct-2008
343,	18.1,	21.9,	60,	0.1804	,13:52:02	,02-Oct-2008
344,	20.4,	21.9,	60,	0.1636	,13:53:02	,02-Oct-2008
345,	18.0,	21.9,	60,	0.1790	,13:54:02	,02-Oct-2008
346,	17.1,	21.9,	60,	0.2037	,13:55:02	,02-Oct-2008
347,	17.2,	21.9,	60,	0.1810	,13:56:02	,02-Oct-2008
348,	19.4,	22.0,	60,	0.1426	,13:57:02	,02-Oct-2008
349,	16.8,	22.0,	60,	0.1420	,13:58:02	,02-Oct-2008
350,	17.5,	22.0,	60,	0.1554	,13:59:02	,02-Oct-2008
351,	19.2,	22.0,	59,	0.2195	,14:00:02	,02-Oct-2008
352,	18.1,	22.0,	59,	0.1819	,14:01:02	,02-Oct-2008
353,	17.6,	22.0,	59,	0.1844	,14:02:02	,02-Oct-2008

354,	19.2,	22.0,	59,	0.1637	,14:03:02	,02-Oct-2008
355,	17.7,	22.0,	59,	0.1632	,14:04:02	,02-Oct-2008
356,	18.4,	22.0,	59,	0.1661	,14:05:02	,02-Oct-2008
357,	19.9,	22.0,	59,	0.1609	,14:06:02	,02-Oct-2008
358,	20.5,	22.0,	59,	0.1717	,14:07:02	,02-Oct-2008
359,	22.5,	22.0,	59,	0.2140	,14:08:02	,02-Oct-2008
360,	20.9,	22.0,	59,	0.1923	,14:09:02	,02-Oct-2008
361,	21.9,	22.0,	59,	0.2011	,14:10:02	,02-Oct-2008
362,	21.4,	21.9,	59,	0.1580	,14:11:02	,02-Oct-2008
363,	21.0,	21.9,	59,	0.1681	,14:12:02	,02-Oct-2008
364,	22.6,	21.9,	59,	0.1925	,14:13:02	,02-Oct-2008
365,	20.9,	21.9,	60,	0.1883	,14:14:02	,02-Oct-2008
366,	21.0,	21.9,	60,	0.1652	,14:15:02	,02-Oct-2008
367,	22.0,	21.9,	60,	0.1727	,14:16:02	,02-Oct-2008
368,	21.8,	21.9,	60,	0.2043	,14:17:02	,02-Oct-2008
369,	21.1,	21.9,	60,	0.1730	,14:18:02	,02-Oct-2008
370,	20.6,	21.9,	60,	0.1835	,14:19:02	,02-Oct-2008
371,	21.0,	21.9,	60,	0.1868	,14:20:02	,02-Oct-2008
372,	21.0,	21.8,	60,	0.1773	,14:21:02	,02-Oct-2008
373,	20.3,	21.9,	60,	0.1582	,14:22:02	,02-Oct-2008
374,	23.1,	21.8,	60,	0.1866	,14:23:02	,02-Oct-2008
375,	20.2,	21.9,	60,	0.1563	,14:24:02	,02-Oct-2008
376,	20.6,	21.8,	59,	0.1539	,14:25:02	,02-Oct-2008
377,	22.4,	21.9,	59,	0.1626	,14:26:02	,02-Oct-2008
378,	21.6,	21.9,	59,	0.1629	,14:27:02	,02-Oct-2008
379,	21.1,	21.8,	59,	0.1690	,14:28:02	,02-Oct-2008
380,	21.0,	21.8,	59,	0.1591	,14:29:02	,02-Oct-2008
381,	20.5,	21.8,	59,	0.1336	,14:30:02	,02-Oct-2008
382,	20.1,	21.8,	59,	0.1419	,14:31:02	,02-Oct-2008
383,	20.6,	21.8,	59,	0.1585	,14:32:02	,02-Oct-2008
384,	21.3,	21.8,	59,	0.1679	,14:33:02	,02-Oct-2008
385,	20.1,	21.9,	59,	0.1349	,14:34:02	,02-Oct-2008
386,	19.9,	21.9,	59,	0.1603	,14:35:02	,02-Oct-2008
387,	21.0,	21.9,	59,	0.1570	,14:36:02	,02-Oct-2008
388,	20.3,	21.9,	59,	0.1481	,14:37:02	,02-Oct-2008
389,	19.8,	21.9,	59,	0.1451	,14:38:02	,02-Oct-2008
390,	20.7,	21.9,	59,	0.1550	,14:39:02	,02-Oct-2008
391,	22.4,	22.0,	59,	0.1579	,14:40:02	,02-Oct-2008
392,	20.7,	22.0,	59,	0.1331	,14:41:02	,02-Oct-2008
393,	21.5,	22.0,	59,	0.1448	,14:42:02	,02-Oct-2008
394,	23.6,	22.0,	59,	0.1919	,14:43:02	,02-Oct-2008
395,	22.0,	22.0,	59,	0.1506	,14:44:02	,02-Oct-2008
396,	22.7,	22.0,	59,	0.1575	,14:45:02	,02-Oct-2008
397,	22.5,	22.0,	59,	0.1577	,14:46:02	,02-Oct-2008
398,	22.9,	22.0,	59,	0.1635	,14:47:02	,02-Oct-2008
399,	22.9,	22.0,	59,	0.1644	,14:48:02	,02-Oct-2008
400,	22.7,	22.0,	59,	0.1562	,14:49:02	,02-Oct-2008
401,	23.2,	22.0,	59,	0.1607	,14:50:02	,02-Oct-2008
402,	23.0,	22.1,	59,	0.1692	,14:51:02	,02-Oct-2008
403,	22.3,	22.1,	59,	0.1524	,14:52:02	,02-Oct-2008
404,	22.8,	22.1,	59,	0.1532	,14:53:02	,02-Oct-2008
405,	23.5,	22.0,	59,	0.1765	,14:54:02	,02-Oct-2008
406,	22.6,	22.1,	59,	0.1444	,14:55:02	,02-Oct-2008
407,	23.5,	22.0,	59,	0.1624	,14:56:02	,02-Oct-2008
408,	24.0,	22.0,	59,	0.1657	,14:57:02	,02-Oct-2008
409,	24.2,	22.0,	59,	0.1601	,14:58:02	,02-Oct-2008
410,	23.2,	22.0,	59,	0.1628	,14:59:02	,02-Oct-2008
411,	23.4,	22.0,	59,	0.1465	,15:00:02	,02-Oct-2008
412,	24.2,	22.0,	59,	0.1545	,15:01:02	,02-Oct-2008
413,	24.2,	22.0,	59,	0.1528	,15:02:02	,02-Oct-2008
414,	24.6,	21.9,	59,	0.1622	,15:03:02	,02-Oct-2008
415,	26.0,	21.9,	59,	0.1847	,15:04:02	,02-Oct-2008
416,	25.3,	21.8,	59,	0.1727	,15:05:02	,02-Oct-2008

417,	25.2,	21.8,	59,	0.1885	,15:06:02	,02-Oct-2008
418,	25.7,	21.8,	59,	0.1637	,15:07:02	,02-Oct-2008
419,	25.9,	21.7,	59,	0.2004	,15:08:02	,02-Oct-2008
420,	25.6,	21.7,	59,	0.1667	,15:09:02	,02-Oct-2008
421,	26.7,	21.7,	59,	0.1827	,15:10:02	,02-Oct-2008
422,	26.5,	21.7,	59,	0.2052	,15:11:02	,02-Oct-2008
423,	24.8,	21.7,	60,	0.1642	,15:12:02	,02-Oct-2008
424,	24.0,	21.6,	60,	0.1627	,15:13:02	,02-Oct-2008
425,	23.4,	21.6,	60,	0.1606	,15:14:02	,02-Oct-2008
426,	23.1,	21.6,	60,	0.1637	,15:15:02	,02-Oct-2008
427,	24.1,	21.6,	60,	0.1693	,15:16:02	,02-Oct-2008
428,	23.1,	21.6,	60,	0.1538	,15:17:02	,02-Oct-2008
429,	22.1,	21.6,	60,	0.1465	,15:18:02	,02-Oct-2008
430,	21.7,	21.6,	60,	0.1380	,15:19:02	,02-Oct-2008
431,	22.3,	21.6,	60,	0.1444	,15:20:02	,02-Oct-2008
432,	21.6,	21.6,	60,	0.1507	,15:21:02	,02-Oct-2008
433,	21.7,	21.6,	60,	0.1600	,15:22:02	,02-Oct-2008
434,	22.0,	21.6,	60,	0.1635	,15:23:02	,02-Oct-2008
435,	20.5,	21.6,	60,	0.1622	,15:24:02	,02-Oct-2008
436,	20.3,	21.6,	60,	0.1425	,15:25:02	,02-Oct-2008
437,	19.5,	21.6,	60,	0.1395	,15:26:02	,02-Oct-2008
438,	20.1,	21.6,	60,	0.1377	,15:27:02	,02-Oct-2008
439,	20.2,	21.6,	60,	0.1593	,15:28:02	,02-Oct-2008
440,	21.4,	21.6,	60,	0.1754	,15:29:02	,02-Oct-2008
441,	20.9,	21.6,	60,	0.1484	,15:30:02	,02-Oct-2008
442,	20.6,	21.6,	60,	0.1413	,15:31:02	,02-Oct-2008
443,	22.2,	21.6,	60,	0.1505	,15:32:02	,02-Oct-2008
444,	21.3,	21.6,	60,	0.1753	,15:33:02	,02-Oct-2008
445,	22.0,	21.6,	60,	0.1662	,15:34:02	,02-Oct-2008
446,	21.8,	21.6,	60,	0.1659	,15:35:02	,02-Oct-2008
447,	20.4,	21.6,	60,	0.1441	,15:36:02	,02-Oct-2008
448,	21.6,	21.5,	60,	0.1490	,15:37:02	,02-Oct-2008
449,	21.5,	21.5,	60,	0.1576	,15:38:02	,02-Oct-2008
450,	21.7,	21.5,	60,	0.1561	,15:39:02	,02-Oct-2008
451,	20.9,	21.5,	60,	0.1536	,15:40:02	,02-Oct-2008
452,	21.0,	21.5,	60,	0.1580	,15:41:02	,02-Oct-2008
453,	21.4,	21.5,	60,	0.1480	,15:42:02	,02-Oct-2008
454,	22.2,	21.5,	60,	0.1713	,15:43:02	,02-Oct-2008
455,	20.5,	21.5,	60,	0.1446	,15:44:02	,02-Oct-2008
456,	22.6,	21.5,	60,	0.1725	,15:45:02	,02-Oct-2008
457,	22.4,	21.4,	60,	0.1632	,15:46:02	,02-Oct-2008
458,	20.8,	21.4,	60,	0.1664	,15:47:02	,02-Oct-2008
459,	22.4,	21.4,	60,	0.1712	,15:48:02	,02-Oct-2008
460,	19.0,	21.4,	59,	0.1486	,15:49:02	,02-Oct-2008
461,	19.1,	21.4,	59,	0.1461	,15:50:02	,02-Oct-2008
462,	18.4,	21.4,	59,	0.1450	,15:51:02	,02-Oct-2008
463,	18.8,	21.4,	59,	0.1441	,15:52:02	,02-Oct-2008
464,	18.7,	21.4,	59,	0.1639	,15:53:02	,02-Oct-2008
465,	18.9,	21.4,	59,	0.1454	,15:54:02	,02-Oct-2008
466,	18.1,	21.3,	59,	0.1158	,15:55:02	,02-Oct-2008
467,	17.6,	21.3,	59,	0.1310	,15:56:02	,02-Oct-2008
468,	18.2,	21.3,	59,	0.1509	,15:57:02	,02-Oct-2008
469,	18.5,	21.3,	58,	0.1421	,15:58:02	,02-Oct-2008
470,	18.9,	21.3,	59,	0.1502	,15:59:02	,02-Oct-2008
471,	19.9,	21.3,	59,	0.1620	,16:00:02	,02-Oct-2008
472,	20.1,	21.3,	59,	0.1449	,16:01:02	,02-Oct-2008
473,	22.2,	21.3,	59,	0.1578	,16:02:02	,02-Oct-2008
474,	37.2,	21.2,	60,	0.2410	,16:03:02	,02-Oct-2008
475,	29.0,	21.2,	60,	0.3071	,16:04:02	,02-Oct-2008
476,	23.9,	21.1,	61,	0.2070	,16:05:02	,02-Oct-2008

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: Thurs., Oct 2, 2008 **REPORT NO.** 43

WEATHER Partial clouds, light showers **TEMPERATURE** 59L 72H

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)
John Deere 544 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

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

(07:00) Contractor's safety meeting

Today, contractor had 2 loads of approved top soil delivered and placed 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 planted approx. 15 new trees starting at elev. 15 at sta 6+75, following willow planting pattern dwg. Detail 3/L2 and sheet L-1.

Contractor did not have any habitat cover mix or armor rock delivered to site today.

PC200 loading HM30 with pre-existing LWD, which was removed and stockpiled at beginning of project, and now re-placing them at toe of slope on top of habitat cover throughout project site.

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 10-2-8

PORT OF PORTLAND

DAILY DIARY

(signature on hardcopy)

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Portland (503) 924-4704
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Fax (503) 924-4707

PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	44		
PAGE	1	OF	2
DATE	10/3/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	715/1740
LOCATION	Terminal 4	DEPARTURE TIME	755/1815
CLIENT	Port of Portland	WEATHER	rain 65F; Winds: SW 8-10 mph
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	D. Urquhart	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			X	X
Demarcation Layer	X			X	X
Select Fill	X			X	X
Filter Fabric	X			X	X
Armor (ODOT Class 100)	X			X	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			X	X
Shrubs and Plantings			X		
Mulch			X		
Hydroseeding			X		
Habitat Cover	X			X	X
Jute Matting			X		
Habitat Logs and LWD	X			X	X

COMMENTS:

Cut toe from 1+80 to 2+50, place select fill at 18" over demarcation layer and filter fabric, place armor rock at 18", place habitat cover at 12", install habitat logs at 2+40, place LWD.

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PROJECT NUMBER 1066-04
FIELD REPORT NUMBER 44
PAGE 2 OF 2
DATE 10/3/2008

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:

Construct toe at 1+80 to 2+50 (see page 1).

BY

Douglas Urquhart
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: __68___	Site Conditions:	Rain/Mist		Date:	10/3/2008
Min Temp: __54___	Winds:	Light		Week Day:	Friday
	Precipitation	Moderate		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	6PM	HM300 ARTIC	Modern	5		301	Fish mix, LWD, Habitat logs
GEORGE LOTZE	301				FEL loader	United	4		301	Fish mix, LWD, Habitat logs
SCOTT LAW	301	10.5	7AM	6PM	PC200 EXC.	3366	9		301	Fish mix, LWD, Habitat logs
MATTHEW PATCHING	301	10.5	7AM	6PM	WATER TRUCK	United	0		301	Dust control, water trees
SKIP SIMPSON					JD310 BACKHOE	1196	1			
SUZANNE STARKEY										

DESCRIPTION OF WORK (detail below):

Place Armor Rock, Habitat Rock.

Lay out planting plan.

Rain mist all day negates need for dust monitoring.

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	2+00		3+05		60		X	312000-3 (2.5)
Habitat Cover	2+00		3+05		70	490	X	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.):

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. Bryd Simpson

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: Fri., Oct 3, 2008 **REPORT NO.** 44

WEATHER Partial clouds, light 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)
John Deere 544 (Front end loader)

CHRONOLOGICAL ACCOUNT OF DAY'S WORK:

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

(07:00) Contractor's safety meeting

Today, contractor did not have any material (armor rock, habitat cover, top soil) delivered to Wheeler Bay.

PC200 continues loading HM30 with pre-existing LWD, which was removed and stockpiled at beginning of project, and now re-placing them at toe of slope on top of habitat cover throughout project site.
PC200 also concentrated on placing armor rock and habitat cover at toe of slope, adjacent to roadway up to top of slope.
Roadway built at approx. sta 3+00, allowed HM30 access to toe of slope.
Contractor started to cut and dress up bank removing sloped roadway and placing demarcation fencing at top of subgrade.

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 10-3-8
(signature on hardcopy)

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PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	45		
PAGE	1	OF	2
DATE	10/4/2008		

PROJECT	Wheeler Bay Stabilization	ARRIVAL TIME	830/1425
LOCATION	Terminal 4	DEPARTURE TIME	1110/1445
CLIENT	Port of Portland	WEATHER	rain 70F; Winds: SW 8-10 mph
PURPOSE OF OBSERVATIONS	Field Oversight		
ASH CREEK REPRESENTATIVE	D. Urquhart	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			X	X
Demarcation Layer	X			X	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		
Coir Fabric			X		
Shrubs and Plantings	X			X	X
Mulch			X		
Hydroseeding			X		
Habitat Cover			X		
Jute Matting			X		
Habitat Logs and LWD			X		

COMMENTS:

ENVC has full staff (6) to plant willows and cottonwoods (527 total plants) from 7+00 to 3+50 and 1+50 to 0+00. Cut sub-grade from 2+00 to 2+50 EL 15' to 30'. Place demarcation layer from 2+00 to 2+50.

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PROJECT NUMBER	1066-04		
FIELD REPORT NUMBER	45		
PAGE	2	OF	2
DATE	10/4/2008		

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:

Subgrade cut and tree planting (see page 1).

BY

Douglas Urquhart
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:	wet	Date:	10/4/2008	
Min Temp:	___55__	Winds:	Breezy	Week Day:	Saturday	
		Precipitation	moderate	Shift:	7AM	2:30PM

Report Prepared By:

Personnel	WBS Task	Hours	Start	Finish	Equip	No.	Run	Stdby	WBS Task Code	Comments
RUDY BENALLY	301	7	7:30	2:30						
STEVE BENALLY	301	7	7:30	2:30	HM300 ARTIC	Modern	2		301	Slope work
GEORGE LOTZE	2201	7.5	7AM	2:30PM	FEL loader	United	2			
MIKE MCCOY	301	7.5	7AM	2:30PM						
SCOTT LAW	301	7.5	7AM	2:30PM	PC200 EXC.	3366	7		301	Slope work
MATTHEW PATCHING	301	7.5	7AM	2:30PM	WATER TRUCK	United	0			
R. BLACKHORSE	301	7	7:30	2:30	JD310 BACKHOE	1196	1			
E. WHITEHAT	301	7	7:30	2:30						
CARLOS ANDRODA	301	6.5	8AM	2:30PM						
KEITH HOLDEN	301	6.5	8AM	2:30PM						
MIKE RUTT	301	6.5	8AM	2:30PM						

DESCRIPTION OF WORK (detail below):

Install trees between elevation 15 and 20. STA 0+00 to 1+40, and STA 3+30 to 7+04 complete. Bill Barry onsite to oversee planting.

Cut slope where access road was and cover with demarcation layer. Also place coir fabric into place at the 15 elevation in preparation for topsoil.

Stake down coir fabric between trees and at all seams.

Build subgrade STA 1+40 to 2+50.

Wet conditions did not require air monitoring.

DOWNTIME OR DELAYS:

Security fence blown down and stood back up.

MATERIAL PLACED:

MATERIAL	STA (START)		STA (STOP)		QTY.	QTY. TO DATE	APPROVED SOURCE	TECHNICAL SPECIFICATION NO.
	STA	OFFSET	STA	OFFSET				
Demarcation Layer	2+50		1+40		535		X	Addendum No. 1 312000-4
Select Fill								312000-3 (2.3)
Armor Type 3								312000-3 (2.5)
Habitat Cover	2+20				10	500	X	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	2+20				3	12	X	353200-3 (3.3)
Shrubs & Plantings	0+00		1+50				X	329300
Shrubs & Plantings	3+30		7+04		500 trees	527 trees	X	329300
Hydroseeding								329219

COMMENTS (Material Delivered-Removed/Qty.):

DAILY INSPECTION LOG:

TYPE	TECHNICAL SPECIFICATION NO.	LOCATION / NATURE OF DEFECT	CORRECTIVE ACTION TAKEN OR PROPOSED	COMMENTS
TESC	015713-1.3.C	Silt Fence knocked down by LWD.	Reinstalled downed sections.	
Signage				
Restricted Area Fence		Knocked down by wind gusts.	Reinstalled.	

SAFETY STATUS:

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

Signature Verifying Above:

ATTACHMENT C

DAILY CONSTRUCTION MONITORING REPORTS FOR THE TRANSLOADING FACILITY

From: Julie Fox
To: Julie Fox;
Subject: FW: Barge Reedsport Decon Monday
Date: Thursday, October 02, 2008 11:17:43 AM
Attachments: P9293278.JPG
P9293275.JPG
P9293276.JPG
P9293277.JPG

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 anther 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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Please consider the environment before printing this message.

ATTACHMENT D

DAILY RESULTS FROM WATER QUALITY MONITORING ACTIVITY AT TERMINAL 4

Port of Portland Terminal 4 Phase I Removal Action Daily Reporting Form for Field Parameters

Date: 09/30/2008
Construction Activity: Capping at the Head of Slip 3
Construction Activity Times: Capping activity occurred from 12:00 to 15:30
Monitoring Times: Background Parameters taken at 12:40; Compliance Parameters taken from 13:30 to 14:00
Rounds of Sampling for Day: 1

Triggers:

Water Velocity (fps)	1.0 fps or higher
DO (mg/L)	< 6.5 modify operations; < 6.0 cease operations
Turbidity (NTU)	> 5 NTU over background (where background < 50 NTU) or 10% over background (where background > 50 NTU); > 50 NTU over background, cease operations
pH (Standard Units)	< 6.5 or > 8.5

Round 1

*** 90th Percentile Turbidity for 9/30/08 = 9.95 NTU**
*** Background Station 1 = 3.4 NTU**
*** 90th Percentile value of 9.95 NTU used to calculate trigger for sampling in Round 1 since it is higher than the Background Station value.**
9.95 NTU + 5.0 NTU = 14.95 NTU Turbidity Trigger

Water Velocity (fps)	**0.0ft/s @ 00 ft**

Station ID: BG-01R Background Station Field Parameters taken at: 12:40

Water Depth (ft)		Parameters			
Depth to Bottom	68.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.28	18.95	1.60	6.85
Depth 2	34.0	9.26	17.05	2.80	7.06
Depth 3	65.0	9.35	16.72	3.40	7.13

Station ID: S3B-E Early Warning Station for All Field Parameters taken at: 13:30

Water Depth (ft)		Parameters			
Depth to Bottom	37.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.30	16.51	4.80	6.57
Depth 2	18.0	9.23	17.08	3.70	7.11
Depth 3	34.0	9.22	16.78	6.30	7.08

Station ID: S3B-S South Station for All Field Parameters taken at: 13:45

Water Depth (ft)		Parameters			
Depth to Bottom	38.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.28	16.35	3.90	7.14
Depth 2	19.0	9.23	16.88	7.60	7.09
Depth 3	35.0	9.30	16.76	9.10	7.09

Station ID: S3B-M Middle Station for All Field Parameters taken at: 13:55

Water Depth (ft)		Parameters			
Depth to Bottom	39.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.24	16.38	4.00	7.13
Depth 2	19.5	9.25	16.81	5.40	7.02
Depth 3	36.0	9.28	16.73	6.30	7.06

Station ID: S3B-N North Station for All Field Parameters taken at: 14:00

Water Depth (ft)		Parameters			
Depth to Bottom	44.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.28	16.49	3.60	7.13
Depth 2	22.0	9.15	16.87	4.20	7.10
Depth 3	41.0	9.17	16.84	11.40	7.15

Port of Portland Terminal 4 Phase I Removal Action Daily Reporting Form for Field Parameters

Date: 10/01/2008
Construction Activity: Capping at the Head of Slip 3
Construction Activity Times: Capping activity occurred from 07:55 to 13:45
Monitoring Times: Background Parameters taken at 11:10; Compliance Parameters taken from 11:40 to 12:05
Rounds of Sampling for Day: 1

Triggers:

Water Velocity (fps)	1.0 fps or higher
DO (mg/L)	< 6.5 modify operations; < 6.0 cease operations
Turbidity (NTU)	> 5 NTU over background (where background < 50 NTU) or 10% over background (where background > 50 NTU); > 50 NTU over background, cease operations
pH (Standard Units)	< 6.5 or > 8.5

Round 1

*** 90th Percentile Turbidity for 10/1/08 = 9.8 NTU**
*** Background Station 1 = 4.3 NTU**
*** 90th Percentile value of 9.8 NTU used to calculate trigger for sampling in Round 1 since it is higher than the Background Station value.**
9.8 NTU + 5.0 NTU = 14.8 NTU Turbidity Trigger

Water Velocity (fps)	**0.0ft/s @ 00 ft**

Station ID: BG-01R Background Station Field Parameters taken at: 11:10

Water Depth (ft)		Parameters			
Depth to Bottom	64.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.44	15.75	4.00	7.17
Depth 2	32.0	9.40	16.04	4.30	7.17
Depth 3	61.0	9.41	15.95	4.00	7.14

Station ID: S3B-E Early Warning Station for All Field Parameters taken at: 11:40

Water Depth (ft)		Parameters			
Depth to Bottom	38.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.50	16.19	5.90	7.17
Depth 2	19.0	9.32	15.99	6.20	7.10
Depth 3	35.0	9.28	16.11	4.10	7.15

Station ID: S3B-S South Station for All Field Parameters taken at: 11:45

Water Depth (ft)		Parameters			
Depth to Bottom	39.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.45	16.06	4.80	7.20
Depth 2	19.5	9.33	16.11	3.40	7.24
Depth 3	36.0	9.35	16.08	4.40	7.18

Station ID: S3B-M Middle Station for All Field Parameters taken at: 11:55

Water Depth (ft)		Parameters			
Depth to Bottom	38.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.45	16.09	6.10	7.19
Depth 2	19.0	9.38	16.13	4.50	7.13
Depth 3	35.0	9.35	16.18	4.60	7.17

Station ID: S3B-N North Station for All Field Parameters taken at: 12:05

Water Depth (ft)		Parameters			
Depth to Bottom	45.0	DO (mg/L)	Temp (°C)	Turb. (NTU)	pH
Depth 1	3.0	9.33	16.10	5.00	7.21
Depth 2	22.0	9.32	16.13	5.10	7.20
Depth 3	42.0	9.27	16.14	5.90	7.19