EnviroLogic Resources, Inc.

Consulting Environmental & Water Resources Scientists

October 13, 2005 10077.009

Oregon Department of Environmental Quality Northwest Region 2020 SW Fourth Avenue Suite 400 Portland, Oregon 97201-4987

VIA Email

Attention: Anna Coates

Subject: Progress Report – September 2005

Remedial Investigation/Feasibility Study/Interim Removal Action Measures

Astoria Area-Wide Petroleum Site

Astoria, Oregon DEQ ECSI File #2277

Dear Ms. Coates:

This letter presents the progress made by the PRP Group in September 2005 on the RI/FS and IRAM development at the Astoria Area-Wide Petroleum Site in Astoria, Oregon. This work is being conducted in response to DEQ Order No. ECSR-NWR-01-11.

WORK COMPLETED IN SEPTEMBER 2005

Evaluation of data collected from the sub-slab soil gas sampling event and preparation of the technical memorandum describing the probe installation and results continued in September.

As-built diagrams of the upgraded HVAC system were received from P&L Johnson.

Cowlitz Clean Sweep (CCS) of Astoria, Oregon, performed monthly maintenance for the product absorbent socks in nine site monitoring wells containing measurable product. These monitoring wells are located upland of Slip 2 and at the Delphia Oil site. The socks are weighed upon removal from the monitoring well to develop an understanding about the product recovery rates. The enhanced synthetic and floating absorbent boom system installed in Slip 2 was inspected.

Upland data collection tasks described in the work plan for further characterization of petroleum hydrocarbons on Pier 2 were completed. Nine borings and three new monitoring wells were installed. Sufficient data were collected to describe the extent of free-phase hydrocarbons in this area.

The schedule for implementation of the IRAM work plan for the proposed development on the former Mobil/Niemi bulk plant property is understood to be delayed.

Work on the RI Report was initiated.

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The human health risk assessment work plan was completed in September.

The ecological risk assessment work plan was completed and submitted to the DEQ on September 23.

A meeting of the PRP Group representatives was held on September 6. A meeting between the PRP Group representatives and DEQ representatives was held on September 15.

WORK PLANNED FOR OCTOBER AND NOVEMBER 2005

The updated project schedule is attached to this monthly progress report. Active project work tasks include the following:

- ➤ Completion of a technical memorandum describing sub-slab sampling at the Port office building;
- ➤ Completion of the documentation of installation of the upgraded HVAC system in the Port office building;
- ➤ Product recovery via absorbent socks in monitoring wells upland of Slip 2 and at Delphia Oil;
- Maintenance of the absorbent boom system in Slip 2;
- ➤ Preparation of documentation of the results of field work conducted for additional characterization in the area upland of the hydrocarbon seep at Slip 2;
- ➤ Acquisition of proposed building plans for the development at the former Mobil/Niemi bulk plant;
- ➤ Preparation of documentation regarding the undocumented pipelines and structures found during the Bornstein Seafoods development;
- > Preparation of the RI report:
- > Completion of the work plan for and initiation of the human health risk assessment; and
- > Implementation of the work plan for and initiation of the ecological risk assessment.

An estimate of the percent complete for each of the tasks on the schedule is provided. The status of each task will be updated monthly on the project schedule for submittal to DEQ.

PROBLEMS ENCOUNTERED AND RESOLUTIONS

There are no problems requiring resolution in the reporting period.

Ms. Anna Coates October 13, 2005 Page 3

CLOSING COMMENTS

Please call me at (503)768-5121 if you have any questions or comments regarding this progress report.

Sincerely,

EnviroLogic Resources, Inc.

Thomas J. Calabrese

Thomas J. Calabrese, RG, CWRE Principal/Hydrogeologist Project Manager

cc: Distribution list attached

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ASTORIA AREA-WIDE PETROLEUM SITE Distribution List

- 1 Anna Coates, DEQ Project Manager, Site Response
- 1 Don Haagensen, Attorney for Port of Astoria
- 1 Peter Gearin, Port of Astoria
- 1 Tom Calabrese, EnviroLogic Resources, Inc., Consultant for PoA and AAW PRP Group
- 1 Max Miller, Tonkon Torp, Attorney for McCall Oil and Chemical Corporation
- 1 Ted McCall, McCall Oil and Chemical Corporation
- 1 John Edwards, Anchor Environmental, LLC, Consultant for McCall Oil and Chemical Corp
- 1 Cary E. Bechtolt, Niemi Oil Company
- 1 Jeff B. Kray, Marten Law Group, PLLC, Attorney for Niemi Oil Company
- 1 Kurt Harrington, AMEC, Inc., Consultant for Niemi Oil Company
- 1 Ed Platt, Shell Oil Company
- 1 Rick Glick, Davis Wright Tremaine, Attorney for Shell Oil Company
- 1 Leon Lahiere, Hart Crowser, Consultant for Shell Oil Company
- 1 Brian Harris, Harris Enterprises
- 1 Larry Vandermay, Flying Dutchman
- 1 David Bartz & Laura Maffei, Schwabe Williamson & Wyatt, Attorney for Flying Dutchman
- 1 Jerry Hodson, Miller Nash, Attorney for Harris Enterprises
- 1 Lon Yandell, Kleinfelder, Consultant for Harris Enterprises
- 1 Richard Delphia, Delphia Oil Company
- 1 Chuck Smith, Attorney for Delphia Oil Company
- 1 Alistaire Clary, Maul Foster Alongi, Consultant for Delphia Oil Company
- 1 Darin Rouse, ChevronTexaco Products Company
- 1 Jon Robbins, Attorney for ChevronTexaco Products Company
- 1 Gerry Koschal, SAIC, Consultant for ChevronTexaco Products Company
- 1 Brian Jacobson, Owest Communications International, Inc.
- 1 David Bledsoe, Perkins Coie LLP, Attorney for Qwest Communications International, Inc.
- 1 Donna LaCombe, Tetra Tech EM, Inc., Consultant for Owest Communications Intl
- 1 Anita W. Lovely, Lovely Consulting, Inc., Consultant for Exxon Mobil Corporation
- 1 Information Repository

UPDATED SCHEDULE (10/13/05)

Remedial Investigation/Feasibility Study Astoria Area-Wide Petroleum Site Astoria, Oregon

	ASION	a, Oregon				
ID	Task Description	Duration	Start	Finish	Complete	Predecessors
1	ASTORIA AREA-WIDE PETROLEUM STUDY	1169 days	1/9/2002	9/1/2006		
2		, 3	51.202	2: 2000		
3	RI/FS and IRAM PROPOSAL	11 days	1/9/2002	1/21/2002	100%	
4	5 and norm i Noi Some	. r days	1,5/2002		100 /0	
17						
18	RI/FS and IRAM DEVELOPMENT WORK PLAN	124 days	1/9/2002	7/1/2002	100%	
	RI/F5 and IRAM DEVELOPMENT WORK PLAN	124 days	1/9/2002	7/1/2002	100%	
19						
58	DUAGE 4/0 DUEC	4404 -1	4/0/0000	0/00/0000		
59	PHASE 1/2 RI/FS and IRAM WORK PLAN IMPLEMENTATION	1124 days	1/9/2002	6/28/2006		
60						
61	SOURCE/SOIL CHARACTERIZATION	709 days	1/9/2002	11/1/2004	100%	
62	Phase 1 Source/Soil Characterization	269 days	1/9/2002	1/27/2003		
99	Phase 2 Soil Characterization	375 days	4/30/2003	11/1/2004		
124						
125	GROUND-WATER CHARACTERIZATION	574 days	8/12/2002	11/23/2004	100%	
126	Water-Level Measurement Program	524 days	8/12/2002	9/14/2004	100 /0	
157	Beneficial Ground Water and Land Use Studies					
		126 days	8/27/2002	2/21/2003		
164	Monitoring-Well Installation Program	365 days	8/20/2002	2/5/2004		
185	Quarterly Ground-Water Monitoring Program	281 days	10/8/2003	11/23/2004		
230	Hydraulic Characterization Program (NOT CURRENTLY PLANN	46 days	3/1/2004	5/4/2004		
238						
239	STORM/SURFACE WATER CHARACTERIZATION	586 days	8/19/2002	12/20/2004	100%	
240	Storm Water Monitoring Plan	117 days	8/19/2002	1/31/2003		
244	Quarterly Storm Water Monitoring Program	309 days	9/23/2003	12/20/2004		
289	Quarterly otoral trater monitoring r logialii	Jou days	5,25,2005	0 0 0 4		
290	SEDIMENT CHARACTERIZATION	100 days	6/42/2002	44/4/2002	100%	
		100 days	6/13/2003	11/4/2003	100%	
291	Phase 1 Sediment Characterization	100 days	6/13/2003	11/4/2003		
302						
303	IRAM DEVELOPMENT	1035 days	5/13/2002	6/28/2006		
304	Indoor Air Quality IRAM Development	708 days	12/27/2002	10/26/2005		
305	Comparison of Soil Data to Screening Levels	10 days	12/27/2002	1/10/2003	100%	81
306	Indoor Air IRAM Development	622 days	4/30/2003	10/26/2005		
307	Air Quality Sampling Work Plan	299 days	4/30/2003	7/15/2004	100%	
314	Vapor Intrusion Pathway Sampling	180 days	8/20/2004	5/9/2005	100%	167
334				10/26/2005	90%	107
	Sub-Slab Sampling Draft Sub-Slab Sampling Work Plan Propagation	134 days	4/18/2005			
335	Draft Sub-Slab Sampling Work Plan Preparation	32 days	4/18/2005	6/1/2005	100%	225
336	PRP Group Review	5 days	6/2/2005	6/8/2005	100%	
337	Final Sub-Slab Sampling Work Plan	10 days	6/9/2005	6/22/2005	100%	
338	Submittal to DEQ	1 day	6/23/2005	6/23/2005	100%	
339	Sub-Slab Probe Installation	3 days	8/9/2005	8/11/2005		338FS+30 days
340	Soil Vapor Sampling	2 days	8/12/2005	8/15/2005	100%	
341	Laboratory Analyses	10 days	8/16/2005	8/29/2005	100%	340
342	Data Validation	10 days	8/30/2005	9/13/2005	100%	
343	Anaytical Data Compilation	5 days	9/14/2005	9/20/2005	100%	
344	Draft Sub-Slab Sampling TM	15 days	9/21/2005	10/11/2005	80%	
345	PRP Group Review	5 days	10/12/2005	10/18/2005	0070	344
346	Final Sub-Slab Sampling TM	5 days	10/19/2005	10/15/2005		345
						346
347	Submittal to DEQ	1 day	10/26/2005	10/26/2005	0501	UTU
348	HVAC Adjustments - IRAM	160 days	2/28/2005	10/13/2005	95%	
349	Contracting	40 days	2/28/2005	4/22/2005	100%	240
350	HVAC Adjustment	32 days	4/25/2005	6/8/2005	100%	
351	Acquire As-Builts from Contractor	74 days	6/9/2005	9/23/2005	100%	
352	Prepare Documentation of Adjustment	5 days	9/26/2005	9/30/2005	100%	
353	PRP Group Review	5 days	10/3/2005	10/7/2005		352
354	Final Documentation	3 days	10/10/2005	10/12/2005		353
355	Submittal to DEQ	1 day	10/13/2005	10/13/2005		354
356	HYDROCARBON SEEP IRAM DEVELOPMENT	641 days	6/12/2003	1/9/2006		
357	Bail-Down Testing	3 days	6/12/2003	6/16/2003	100%	139
358	Water Quality Sampling at Seep MWs	2 days	6/17/2003	6/18/2003	100%	
359	Product Removal	125 days	6/16/2003	12/15/2003	100%	
367	2004 A Product Removal	107 days	1/12/2004	6/10/2004	100%	
374	2004 B Product Removal	106 days	7/19/2004	12/16/2004	100%	
381	2005 Product Removal	192 days	3/30/2005	1/4/2006	75%	
392	Hydrocarbon Seep IRAM Work Plan	67 days	6/17/2003	9/22/2003	100%	
398	Hydrocarbon Seep IRAM Implementation	510 days	11/24/2003	12/12/2005		
399	IRAM Design/Build	206 days	11/24/2003	9/24/2004	100%	
408	O&M 2005 Month	192 days	3/10/2005	12/12/2005	75%	
419	Upland Data Collection	401 days	1/23/2004	8/25/2005	100%	
420	UDC Work Plan	141 days	1/23/2004	8/12/2004	100%	
425	UDC Implementation	71 days	9/13/2004	12/22/2004	100%	
431	UDC Technical Memorandum	169 days	12/23/2004	8/25/2005	100%	
					100%	
	Additional Product Characterization	219 days	2/24/2005	1/9/2006	4000	
436	Work Plan Preparation	128 days	2/24/2005	8/25/2005	100%	
437		11 days	8/26/2005	9/12/2005	100%	
437 442	Field Preparation		0/4 4/0005	0/46/2005	100%	
437		3 days	9/14/2005	9/16/2005		
437 442 445	Field Preparation Drilling Program	3 days				
437 442 445 448	Field Preparation Drilling Program Analytical Program	3 days 40 days	9/19/2005	11/11/2005	50%	447
437 442 445 448 449	Field Preparation Drilling Program Analytical Program Laboratory Analyses	3 days 40 days 20 days	9/19/2005 9/19/2005	11/11/2005 10/14/2005		447 449
437 442 445 448 449 450	Field Preparation Drilling Program Analytical Program Laboratory Analyses Data Validation	3 days 40 days 20 days 10 days	9/19/2005 9/19/2005 10/17/2005	11/11/2005 10/14/2005 10/28/2005		449
437 442 445 448 449 450 451	Field Preparation Drilling Program Analytical Program Laboratory Analyses Data Validation Analytical Data Compilation	3 days 40 days 20 days 10 days 10 days	9/19/2005 9/19/2005 10/17/2005 10/31/2005	11/11/2005 10/14/2005 10/28/2005 11/11/2005	50%	
437 442 445 448 449 450 451 452	Field Preparation Drilling Program Analytical Program Laboratory Analyses Data Validation Analytical Data Compilation Reporting	3 days 40 days 20 days 10 days 10 days 219 days	9/19/2005 9/19/2005 10/17/2005 10/31/2005 2/24/2005	11/11/2005 10/14/2005 10/28/2005 11/11/2005 1/9/2006		449 450
437 442 445 448 449 450 451 452 453	Field Preparation Drilling Program Analytical Program Laboratory Analyses Data Validation Analytical Data Compilation Reporting Draft Product Characterization TM	3 days 40 days 20 days 10 days 10 days 10 days 15 days	9/19/2005 9/19/2005 10/17/2005 10/31/2005 2/24/2005 11/14/2005	11/11/2005 10/14/2005 10/28/2005 11/11/2005 1/9/2006 12/6/2005	50%	449 450 451
437 442 445 448 449 450 451 452 453 454	Field Preparation Drilling Program Analytical Program Laboratory Analyses Data Validation Analytical Data Compilation Reporting Draft Product Characterization TM PRP Group Review	3 days 40 days 20 days 10 days 10 days 15 days 15 days	9/19/2005 9/19/2005 10/17/2005 10/31/2005 2/24/2005 11/14/2005 12/7/2005	11/11/2005 10/14/2005 10/28/2005 11/11/2005 1/9/2006 12/6/2005 12/20/2005	50%	449 450 451 453
437 442 445 448 449 450 451 452 453	Field Preparation Drilling Program Analytical Program Laboratory Analyses Data Validation Analytical Data Compilation Reporting Draft Product Characterization TM	3 days 40 days 20 days 10 days 10 days 10 days 15 days	9/19/2005 9/19/2005 10/17/2005 10/31/2005 2/24/2005 11/14/2005	11/11/2005 10/14/2005 10/28/2005 11/11/2005 1/9/2006 12/6/2005	50%	449 450 451

10/13/2005

UPDATED SCHEDULE (10/13/05)

Remedial Investigation/Feasibility Study Astoria Area-Wide Petroleum Site Astoria, Oregon

ID ID ID ID ID ID ID ID	Task Description Project Management TANK-BOTTOM WASTE IRAM DEVELOPMENT (McCALL BP) Technology Screening Detailed Evaluation of Alternatives Implementation Plan Proposal	750 days 10 days 10 days 10 days	Start 2/24/2005 5/13/2002 5/13/2002	Finish 7/29/2005 5/10/2005 5/24/2002	Complete 95%	Predecessors 438SS
158 159 160 161 162 163 164 171 189 199 199 199 199 199 199 19	TANK-BOTTOM WASTE IRAM DEVELOPMENT (McCALL BP) Technology Screening Detailed Evaluation of Alternatives	750 days 10 days	5/13/2002 5/13/2002	5/10/2005	95%	
159	Technology Screening Detailed Evaluation of Alternatives	10 days	5/13/2002		95%	44
160 161 161 162 163 164 171 189 190 191 192 193 194 195 197 198 199 199 199 199 199 199 199	Detailed Evaluation of Alternatives			5/24/2002		
161 162 163 164 171 189 190 191 192 193 194 195 196 197 198 199 500 501 502 503 504						44
162 163 164 171 189 190 191 192 193 194 195 196 197 198 199 500 501 502 502 503 504	Implementation Plan Proposal		5/28/2002	6/10/2002		459
163 164 171 189 190 191 192 193 194 195 196 197 198 199 500 501 502 503 504 505		5 days	6/11/2002	6/17/2002		460
164 171 189 190 191 192 193 194 195 196 197 198 199 500 501 502 503 504 505	Review IRAM Implementation Report	5 days	5/4/2005	5/10/2005		167FS+500 days
171 189 190 191 192 193 194 195 196 197 198 199 500 501 502 503 504 505	FORMER MOBIL/NIEMI BULK PLANT IRAM	455 days	9/7/2004	6/28/2006		
189 190 191 192 193 194 195 196 197 198 199 500 501 502 504 505	IRAM Work Plan	120 days	9/7/2004	3/1/2005	100%	
190 191 192 193 194 195 196 197 198 199 500 501 502 503 504	UST Removal	48 days	9/20/2004	11/24/2004	100%	
191 192 193 194 195 196 197 198 199 500 501 502 503 504	IRAM Implementation	313 days	4/1/2005	6/28/2006		
192 193 194 195 196 197 198 199 500 501 502 503 504 505	Vapor Barrier/Extraction Design	215 days	4/1/2005	2/8/2006	0%	
193 194 195 196 197 198 199 500 501 502 503 504 505	Acquire Building Plans	180 days	4/1/2005	12/16/2005		
194 195 196 197 198 199 500 501 502 503 504 505	Draft Vapor Barrier/Extraction Design	15 days	12/19/2005	1/11/2006		491
195 196 197 198 199 500 501 502 503 504	PRP Group Review	5 days	1/12/2006	1/18/2006		492
196 197 198 199 500 501 502 503 504	Final Vapor Barrier/Extraction Design	5 days	1/19/2006	1/25/2006		493
197 198 199 500 501 502 503 504 505	Submittal to DEQ	5 days	1/26/2006	2/1/2006		494
198 199 500 501 502 503 504 505	DEQ Approval	5 days	2/2/2006	2/8/2006		495
199 500 501 502 503 504 505	Vapor Barrier/Extraction Construction	12 days	3/24/2006	4/10/2006	0%	
500 501 502 503 504 505	Mobilization/Demobilization	2 days	3/24/2006	3/27/2006		496FS+30 days
01 02 03 04 05	Drilling/SVE Well Installation	5 days	3/28/2006	4/3/2006		498
01 02 03 04 05	Vapor Barrier Construction Oversight	10 days	3/28/2006	4/10/2006		498
02 03 04 05	Soil Management Plan	31 days	12/19/2005	2/2/2006	0%	
03 04 05	Draft Soil Management Plan Preparation	20 days	12/19/2005	1/18/2006	- 7,0	491
04 05	PRP Group Review	5 days	1/19/2006	1/25/2006		502
05	Final Soil Management Plan	5 days	1/26/2006	2/1/2006		503
	Submittal to DEQ	1 day	2/2/2006	2/2/2006		504
.10	IRAM Implementation Technical Memorandum	56 days	4/11/2006	6/28/2006	0%	
07	Draft IRAM Implementation TM Preparation	40 days	4/11/2006	6/6/2006	U /0	500
08	PRP Group Review	10 days	6/7/2006	6/20/2006		507
09	Final IRAM Implementation TM	5 days	6/21/2006	6/27/2006		508
10	Submittal to DEQ	1 day	6/28/2006	6/28/2006		509
11	COMMUNITY RELATIONS ACTIVITIES	600 days	4/30/2003	9/26/2005		167
12	COMMUNITY INCLATIONS ACTIVITIES	our days	7/30/2003	312012005		101
13	PROJECT MANAGEMENT	871 days	7/10/2002	12/31/2005		
14	Phase 1 PM	257 days	7/10/2002	7/15/2003	100%	
35	Phase 2 PM	164 days	4/30/2003	12/30/2003	100%	
58	2004 A PM	242 days	1/5/2004	12/16/2004	100%	
03	2005 PM	597 days	8/8/2003	12/31/2005	75%	
46	DEMEDIAL INVESTIGATION DEPOSIT DEPOSITOR	070 -1	44/40/0004	F/4 F/0000	F 0/	
47	REMEDIAL INVESTIGATION REPORT PREPARATION	378 days	11/10/2004	5/15/2006	5%	50050 · 000 · 1
48	RI Report Outline	300 days	11/10/2004	1/24/2006		560FS+208 days
49	RI Data Elements Compilation	90 days	2/24/2005	6/30/2005		648SS+70 days,204
50	Data Interpretation	75 days	7/5/2005	10/18/2005		649,120,263,298,204,432
351	Draft RI Report	42 days	10/19/2005	12/19/2005	10%	
352	PRP Group Review	20 days	12/20/2005	1/19/2006		651
53	Final Draft RI Report	20 days	1/20/2006	2/16/2006		652
554	DEQ Review	30 edays	2/16/2006	3/18/2006		653
555	Final RI Report	20 days	3/20/2006	4/14/2006		654
56	DEQ Approval	1 day	5/15/2006	5/15/2006		655FS+30 edays
57						
58	RISK ASSESSMENT	486 days	3/1/2004	2/3/2006		
59	HUMAN HEALTH RISK ASSESSMENT	156 days	5/19/2005	1/4/2006	50%	
60	Human Health Risk Assessment Work Plan	98 days	5/19/2005	10/7/2005		81,193,298,252
61	Scoping/Data Management	20 days	5/19/2005	6/16/2005		649FS-30 days
62	Draft HHRA Work Plan	29 days	6/17/2005	7/29/2005	100%	
63	PRP Group Review	10 days	8/1/2005	8/12/2005		662
64	Meeting with DEQ	2 days	7/8/2005	7/11/2005		662SS+13 days
65	Final Draft HHRA Work Plan	5 days	8/15/2005	8/19/2005	100%	663
66	PRP Group Review	5 days	8/22/2005	8/26/2005	100%	665
67	Final HHRA Work Plan	28 days	8/29/2005	10/6/2005	95%	666
68	Submittal to DEQ	1 day	10/7/2005	10/7/2005		667
69	Risk Assessment Report	156 days	5/19/2005	1/4/2006		
70	Draft HHRA Report	30 days	10/19/2005	12/1/2005		668,650
71	PRP Group Review	10 days	12/2/2005	12/15/2005		670
72	Final HHRA Report	10 days	12/16/2005	1/3/2006		671
73	Submittal to DEQ	1 day	1/4/2006	1/4/2006		672
74	Project Management	91 days	5/19/2005	9/28/2005		661SS
75	ECOLOGICAL EVALUATION	486 days	3/1/2004	2/3/2006		
76	Level 1 Ecological Evaluation	185 days	3/1/2004	11/18/2004	100%	
35	Ecological Risk Assessment Work Plan Development	101 days	4/18/2005	9/9/2005	100%	
90	Level 2 Ecological Evaluation (REPLACED WITH ERA, below)	194 days	3/8/2004	12/11/2004	100%	
99	Ecological Risk Assessment	70 days	10/24/2005	2/3/2006		
00	Level 2 Ecological Field Program	30 days	10/24/2005	12/6/2005		689FS+30 days
01	Exposure Assessment	10 days	12/7/2005	12/20/2005		700
02	Effects Assessment	10 days	12/21/2005	1/6/2006		701
03	Risk Characterization/Reporting	20 days	1/9/2006	2/3/2006		702
04	Talok Onlaracionzadion/reporting	20 days	17572000	2,0/2000		
05	FEASIBILITY STUDY	189 days	12/2/2005	9/1/2006	0%	
06		77 days	12/2/2005	3/24/2006	U 76	
	Feasibility Study Work Plan Establish Remedial Action Objectives	77 days 5 days	12/2/2005	12/8/2005		650,670,120,193,432
	Identify General Response Actions	10 days	12/9/2005	12/22/2005		707
08	Determine Preliminary Remediation Goals ID/Screen Remedial Technologies	5 days 10 days	12/27/2005 1/4/2006	1/3/2006 1/17/2006		708
08 09	n vacceen Remenal Technologies			1/1//2006		709
07 08 09 10	Draft Feasibility Study Work Plan	10 days	1/18/2006	1/31/2006		710

UPDATED SCHEDULE (10/13/05)

Remedial Investigation/Feasibility Study Astoria Area-Wide Petroleum Site Astoria, Oregon

ID	Task Description	Duration	Start	Finish	Complete	Predecessors
713	Final Feasibility Study Work Plan	5 days	2/15/2006	2/22/2006		712
714	DEQ Review	30 edays	2/22/2006	3/24/2006		713
715	Feasibility Study Evaluation	40 days	3/27/2006	5/19/2006		
716	Assemble/Screen Remedial Alternatives	10 days	3/27/2006	4/7/2006		714
717	Detailed Analysis	15 days	4/10/2006	4/28/2006		716
718	Compare Remedial Alternatives	10 days	5/1/2006	5/12/2006		717
719	Recommend Preferred Alternative	5 days	5/15/2006	5/19/2006		718
720	Reporting	72 days	5/22/2006	9/1/2006		
721	Draft FS Report	15 days	5/22/2006	6/12/2006		719
722	PRP Group Review	10 days	6/13/2006	6/26/2006		721
723	Final Draft FS Report	10 days	6/27/2006	7/12/2006		722
724	Submittal to DEQ	1 day	7/13/2006	7/13/2006		723
725	DEQ Review	30 edays	7/13/2006	8/12/2006		724
726	Final FS Report	15 days	8/14/2006	9/1/2006		725
727						

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