Surface Soil

Affected Property Name/No. Former Delfasco Forge Facility

Date of the Tier 1 PCL tables used in the determination of PCLs: March 2006

COC Summary

Complete this table for each COC targeted for assessment in surface soil. List all COCs that were targeted for assessment based on information known about the property (known or suspected releases), program requirements or agreement, as well as any other COCs that were detected. List the specific COC; do not list general types of analyses (such as VOCs or SVOCs). Be sure to use the COC name exactly as it is written here throughout this report (including all lab reports) and all future reports. Use Worksheet 4.2 to document the COCs that were screened from PCL development. See *Target COCs* (RG-366/TRRP-10) for more information.

Source(s) of Release[1]	COC	CAS number	Analytical Method[2]	Horizontal assessment level (mg/kg)	Vertical assessment level (mg/kg)	Criteria for COC screening[3]	Critical PCL (mg/kg)		Tier[4]	Source Area Size (acres)	Pathway[5]		Maximum or representative concentration[6] (mg/kg)	
							On-site	Off-site			On-site	Off-site	On-site	Off-site
Natural	Arsenic	7440-38-2	SW-846 6010B	6.22	6.22	350.71(k)(1)	6.22	6.22	2	0.50	^{GW}Soil	^{GW}Soil	4.93 M	N/A
Natural	Barium	7440-39-3	SW-846 6010B	1884	1884	350.71(k)(1)	1884	1884	2	0.50	^{GW}Soil	^{GW}Soil	112 M	N/A
Natural	Cadmium	7440-43-9	SW-846 6010B	51.7	130	350.71(k)(1)	130	52	2	0.50	^{GW}Soil	^{Tot}Soil$_{Comb}$	2.25 M	N/A
Natural	Chromium	7440-47-3	SW-846 6010B	29744	840000	350.71(k)(1)	94867	29744	2	0.50	^{Tot}Soil$_{Comb}$	^{Tot}Soil$_{Comb}$	20.6 M	N/A
Natural	Copper	7440-50-8	SW-846 6010B	548	1042	350.71(k)(1)	1042	548	2	0.50	^{GW}Soil	^{Tot}Soil$_{Comb}$	21.4 M	N/A
Natural	Lead	7439-92-1	SW-846 6010B	500	549	350.71(k)(1)	549	500	2	0.50	^{GW}Soil	^{Tot}Soil$_{Comb}$	23 M	N/A
Natural	Mercury	7439-97-6	SW-846 7470	3.65	4.61	350.71(k)(1)	6.22	3.65	2	0.50	^{Tot}Soil$_{Comb}$	^{Tot}Soil$_{Comb}$	0.0087 M	N/A
Natural	Nickel	7440-02-0	SW-846 6010B	840	6845	350.71(k)(1)	8455	840	2	0.50	^{Tot}Soil$_{Comb}$	^{Tot}Soil$_{Comb}$	14.7 M	N/A
Natural	Selenium	7782-49-2	SW-846 6010B	2.80	2.80	350.71(k)(3)	2.80	2.80	2	0.50	^{GW}Soil	^{GW}Soil	0.31-0.099 MDL	N/A
Natural	Silver	7440-22-4	SW-846 6010B	95.7	144.4	350.71(k)(3)	431.4	95.7	2	0.50	^{GW}Soil	^{Tot}Soil$_{Comb}$	0.14-0.021 MDL	N/A
Natural	Zinc	7440-66-6	SW-846 6010B	9921	35210	350.71(k)(1)	105162	9921	2	0.50	^{GW}Soil	^{Tot}Soil$_{Comb}$	32.6 M	N/A

[1] List all sources of this COC using the sources from Worksheet 2.0.
[2] Specify the analytical method used for the COC. If more than one method was used, list the method most often used for critical samples (samples used to make decisions).
[3] Specify the rule citation of the applicable method of screening the COC from PCL development. Provide detailed information in Worksheet 4.2.
[4] Specify the tier under which the PCL was determined for the COC. If Tier 2 or 3 was used, complete the applicable tables below.
[5] Specify the exposure pathway associated with the critical PCL.
[6] Specify either the maximum or representative concentration and indicate which value was used by including an R or M with the concentration.

Surface Soil COC Summary

Associated Information: 5A and 5C and Appendix 5

APAR Worksheet 5.1

ID No. VCP No. 1571 | Report date : April 11, 2007

Source(s) of Release[1]	COC	CAS number	Analytical Method[2]	Horizontal assessment level (mg/kg)	Vertical assessment level (mg/kg)	Criteria for COC screening[3]	Critical PCL (mg/kg)		Tier[4]	Source Area Size (acres)	Pathway[5]		Maximum or representative concentration[6] (mg/kg)	
							On-site	Off-site			On-site	Off-site	On-site	Off-site
Container storage area, sump	TPH->C12-C28	9999001332	TNRCC-1005	200	200	N/A	590	200	1	0.50	^{GW}Soil	^{GW}Soil	640 M	N/A
Container storage area, sump	TPH->C28-C35	9999001343	TNRCC-1005	1900	3700	N/A	11000	1900	1	0.50	^{GW}Soil	^{Tot}Soil$_{Comb}$	160 M	N/A
Container storage area, sump	TPH-C6-C12	9999001354	TNRCC-1005	20.1	20.1	N/A	59.9	20.1	1	0.50	^{GW}Soil	^{GW}Soil	87 M	N/A
Container storage area, sump	1,1,1,2-Tetrachloroethane	630-20-6	SW-846 8260B	1.42	1.42	350.71(k)(3)	3.17	1.42	1	0.50	^{GW}Soil	^{GW}Soil	0.000357 MDL	0.000357 MDL
Container storage area, sump	1,1,1-Trichloroethane	71-55-6	SW-846 8260B	1.62	1.62	350.71(k)(3)	1.62	1.62	1	0.50	^{GW}Soil	^{GW}Soil	0.0021-0.00039 MDL	0.0021-0.00039 MDL
Container storage area, sump	1,1,2,2-Tetrachloroethane	79-34-5	SW-846 8260B	0.0231	0.0231	350.71(k)(3)	0.0517	0.0231	1	0.50	^{GW}Soil	^{GW}Soil	0.0001 MDL	0.0001 MDL
Container storage area, sump	1,1,2-Trichloroethane	79-00-5	SW-846 8260B	0.0201	0.0201	350.71(k)(2)(A)	0.0201	0.0201	1	0.50	^{GW}Soil	^{GW}Soil	0.00188 M	0.0014 MDL
Container storage area, sump	1,1-Dichloroethane	75-34-3	SW-846 8260B	9.25	9.25	350.71(k)(2)(A)	27.62	9.25	1	0.50	^{GW}Soil	^{GW}Soil	0.00612 M	0.0016-0.000206 MDL
Container storage area, sump	1,1-Dichloroethene	75-35-4	SW-846 8260B	0.0501	0.0501	N/A	0.0501	0.0501	1	0.50	^{GW}Soil	^{GW}Soil	0.0022-0.000502 MDL	0.0022-0.000502 MDL
Container storage area, sump	1,1-Dichloropropene	563-58-6	SW-846 8260B	0.1345	0.1345	350.71(k)(3)	0.3012	0.1345	1	0.50	^{GW}Soil	^{GW}Soil	0.000393 MDL	0.000393 MDL
Container storage area, sump	1,2,3-Trichloropropane	96-18-4	SW-846 8260B	0.0023	0.0023	350.71(k)(3)	0.0051	0.0023	1	0.50	^{GW}Soil	^{GW}Soil	0.000341 MDL	0.000341 MDL
Container storage area, sump	1,2,4-Trichlorobenzene	120-82-1	SW-846 8260B	4.79	4.79	350.71(k)(3)	4.79	4.79	1	0.50	^{GW}Soil	^{GW}Soil	0.000988 MDL	0.000988 MDL
Container storage area, sump	1,2,4-Trimethylbenzene	95-63-6	SW-846 8260B	48.5	48.5	350.71(k)(1)	144.9	48.5	1	0.50	^{GW}Soil	^{GW}Soil	0.000424 MDL	0.000424 MDL
Container storage area, sump	1,2-Dibromo-3-chloropropane	96-12-8	SW-846 8260B	0.0017	0.0017	350.71(k)(3)	0.0017	0.0017	1	0.50	^{GW}Soil	^{GW}Soil	0.000139 MDL	0.000139 MDL
Container storage area, sump	1,2-Dibromoethane	106-93-4	SW-846 8260B	0.0002	0.0002	350.71(k)(3)	0.0002	0.0002	1	0.50	^{GW}Soil	^{GW}Soil	0.000373 MDL	0.000373 MDL
Container storage area, sump	1,2-Dichlorobenzene	95-50-1	SW-846 8260B	17.9	17.9	350.71(k)(3)	17.9	17.9	1	0.50	^{GW}Soil	^{GW}Soil	0.000423 MDL	0.000423 MDL
Container storage area, sump	1,2-Dichloroethane	107-06-2	SW-846 8260B	0.0137	0.0137	350.71(k)(3)	0.0137	0.0137	1	0.50	^{GW}Soil	^{GW}Soil	0.0012-0.000326 MDL	0.0012-0.000326 MDL
Container storage area, sump	1,2-Dichloroethene(Total)	540-59-0	SW-846 8260B	0.25	0.25	N/A	0.25	0.25	1	0.50	^{GW}Soil	^{GW}Soil	8.17 M	0.000302 MDL
Container storage area, sump	1,2-Dichloropropane	78-87-5	SW-846 8260B	0.0228	0.0228	350.71(k)(3)	0.0228	0.0228	1	0.50	^{GW}Soil	^{GW}Soil	0.0014-0.000334 MDL	0.0014-0.000334 MDL
Container storage area, sump	1,3,5-Trimethylbenzene	108-67-8	SW-846 8260B	53.2	53.2	350.71(k)(1)	158.9	53.2	1	0.50	^{GW}Soil	^{GW}Soil	0.000385 MDL	0.000385 MDL
Container storage area, sump	1,3-Dichlorobenzene	541-73-1	SW-846 8260B	6.75	6.75	350.71(k)(3)	20.15	6.75	1	0.50	^{GW}Soil	^{GW}Soil	0.000713 MDL	0.000713 MDL
Container storage area, sump	1,3-Dichloropropane	142-28-9	SW-846 8260B	0.0644	0.0644	350.71(k)(3)	0.1442	0.0644	1	0.50	^{GW}Soil	^{GW}Soil	0.000244 MDL	0.000244 MDL
Container storage area, sump	1,4-Dichlorobenzene	106-46-7	SW-846 8260B	2.10	2.10	350.71(k)(3)	2.10	2.10	1	0.50	^{GW}Soil	^{GW}Soil	0.000285 MDL	0.000285 MDL
Container storage area, sump	2,2-Dichloropropane	594-20-7	SW-846 8260B	0.1207	0.1207	350.71(k)(3)	0.2704	0.1207	1	0.50	^{GW}Soil	^{GW}Soil	0.000261 MDL	0.000261 MDL
Container storage area, sump	2-Butanone	78-93-3	SW-846 8260B	29.3	29.3	350.71(k)(1)	87.5	29.3	1	0.50	^{GW}Soil	^{GW}Soil	0.025 M	0.0033-0.00085 MDL
Container storage area, sump	2-Chloroethylvinyl ether	110-75-8	SW-846 8260B	0.0029	0.0029	350.71(k)(3)	0.0065	0.0029	1	0.50	^{GW}Soil	^{GW}Soil	0.000674 MDL	0.000674 MDL

Surface Soil COC Summary

Associated Information: 5A and 5C and Appendix 5

APAR Worksheet 5.1

ID No. VCP No. 1571 | Report date : April 11, 2007

Source(s) of Release[1]	COC	CAS number	Analytical Method[2]	Horizontal assessment level (mg/kg)	Vertical assessment level (mg/kg)	Criteria for COC screening[3]	Critical PCL (mg/kg)		Tier[4]	Source Area Size (acres)	Pathway[5]		Maximum or representative concentration[6] (mg/kg)	
							On-site	Off-site			On-site	Off-site	On-site	Off-site
Container storage area, sump	2-Chlorotoluene	95-49-8	SW-846 8260B	9.07	9.07	350.71(k)(3)	27.08	9.07	1	0.50	^{GW}Soil	^{GW}Soil	0.000398 MDL	0.000398 MDL
Container storage area, sump	2-Hexanone	591-78-6	SW-846 8260B	3.87	3.87	350.71(k)(3)	11.57	3.87	1	0.50	^{GW}Soil	^{GW}Soil	0.0048-0.000497 MDL	0.0048-0.000497 MDL
Container storage area, sump	4-Chlorotoluene	106-43-4	SW-846 8260B	4.79	4.79	350.71(k)(3)	6.73	4.79	1	0.50	^{GW}Soil	^{Tot}Soil$_{Comb}$	0.000237 MDL	0.000237 MDL
Container storage area, sump	4-Isopropyltoluene	99-87-6	SW-846 8260B	232	232	350.71(k)(1)	691	232	1	0.50	^{GW}Soil	^{GW}Soil	0.000373 MDL	0.000373 MDL
Container storage area, sump	4-Methyl-2-pentanone	108-10-1	SW-846 8260B	4.95	4.95	350.71(k)(3)	14.78	4.95	1	0.50	^{GW}Soil	^{GW}Soil	0.0049-0.000685 MDL	0.0049-0.000685 MDL
Container storage area, sump	Acetone	67-64-1	SW-846 8260B	42.7	42.7	350.71(k)(1)	127.7	42.7	1	0.50	^{GW}Soil	^{GW}Soil	0.188 M	0.042-0.000761 MDL
Container storage area, sump	Acrolein	107-02-8	SW-846 8260B	0.0237	0.0237	350.71(k)(3)	0.0707	0.0237	1	0.50	^{GW}Soil	^{GW}Soil	0.00183 MDL	0.00183 MDL
Container storage area, sump	Acrylonitrile	107-13-1	SW-846 8260B	0.0033	0.0033	350.71(k)(3)	0.0075	0.0033	1	0.50	^{GW}Soil	^{GW}Soil	0.00154 MDL	0.00154 MDL
Container storage area, sump	Benzene	71-43-2	SW-846 8260B	0.0257	0.0257	N/A	0.0257	0.0257	1	0.50	^{GW}Soil	^{GW}Soil	5.43 M	0.14 MDL
Container storage area, sump	Bromobenzene	108-86-1	SW-846 8260B	5.78	5.78	350.71(k)(3)	17.25	5.78	1	0.50	^{GW}Soil	^{GW}Soil	0.00038 MDL	0.00038 MDL
Container storage area, sump	Bromochloromethane	74-97-5	SW-846 8260B	3.04	3.04	350.71(k)(3)	9.08	3.04	1	0.50	^{GW}Soil	^{GW}Soil	0.000116 MDL	0.000116 MDL
Container storage area, sump	Bromodichloromethane	75-27-4	SW-846 8260B	0.0654	0.0654	350.71(k)(3)	0.1466	0.0654	1	0.50	^{GW}Soil	^{GW}Soil	0.00088-0.000368 MDL	0.00088-0.000368 MDL
Container storage area, sump	Bromoform	75-25-2	SW-846 8260B	0.63	0.63	350.71(k)(3)	1.41	0.63	1	0.50	^{GW}Soil	^{GW}Soil	0.00082-0.00106 MDL	0.00082-0.00106 MDL
Container storage area, sump	Bromomethane	74-83-9	SW-846 8260B	0.1307	0.1307	350.71(k)(3)	0.3904	0.1307	1	0.50	^{GW}Soil	^{GW}Soil	0.0036-0.000767 MDL	0.0036-0.000767 MDL
Container storage area, sump	Carbon disulfide	75-15-0	SW-846 8260B	13.6	13.6	350.71(k)(1)	40.6	13.6	1	0.50	^{GW}Soil	^{GW}Soil	0.0962 M	0.0022-0.000177 MDL
Container storage area, sump	Carbon tetrachloride	56-23-5	SW-846 8260B	0.0619	0.0619	350.71(k)(3)	0.0619	0.0619	1	0.50	^{GW}Soil	^{GW}Soil	0.0019-0.00023 MDL	0.0019-0.00023 MDL
Container storage area, sump	Chlorobenzene	108-90-7	SW-846 8260B	1.09	1.09	350.71(k)(3)	1.09	1.09	1	0.50	^{GW}Soil	^{GW}Soil	0.0013-0.000229 MDL	0.0013-0.000229 MDL
Container storage area, sump	Chloroethane	75-00-3	SW-846 8260B	30.9	30.9	350.71(k)(3)	92.3	30.9	1	0.50	^{GW}Soil	^{GW}Soil	0.0022-0.000783 MDL	0.0022-0.000783 MDL
Container storage area, sump	Chloroform	67-66-3	SW-846 8260B	1.02	1.02	350.71(k)(1)	3.04	1.02	1	0.50	^{GW}Soil	^{GW}Soil	0.00131 M	0.0017-0.000295 MDL
Container storage area, sump	Chloromethane	74-87-3	SW-846 8260B	0.4052	0.4052	350.71(k)(2)(A)	0.9078	0.4052	1	0.50	^{GW}Soil	^{GW}Soil	0.00377 M	0.0013-0.000449 MDL
Container storage area, sump	cis-1,2-Dichloroethene	156-59-2	SW-846 8260B	0.2483	0.2483	N/A	0.2483	0.2483	1	0.50	^{GW}Soil	^{GW}Soil	7.27 M	0.9 MDL
Container storage area, sump	cis-1,3-Dichloropropene	10061-01-5	SW-846 8260B	0.0066	0.0066	350.71(k)(3)	0.0149	0.0066	1	0.50	^{GW}Soil	^{GW}Soil	0.00099-0.000249 MDL	0.00099-0.000249 MDL
Container storage area, sump	Dibromochloromethane	124-48-1	SW-846 8260B	0.0491	0.0491	350.71(k)(3)	0.1100	0.0491	1	0.50	^{GW}Soil	^{GW}Soil	0.00084-0.000737 MDL	0.00084-0.000737 MDL
Container storage	Dibromomethane	74-95-3	SW-846	1.13	1.13	350.71(k)(3)	2.53	1.13	1	0.50	^{GW}Soil	^{GW}Soil	0.00044 MDL	0.00044 MDL

Surface Soil COC Summary

Associated Information: 5A and 5C and Appendix 5

APAR Worksheet 5.1

ID No. VCP No. 1571 | **Report date : April 11, 2007**

Source(s) of Release[1]	COC	CAS number	Analytical Method[2]	Horizontal assessment level (mg/kg)	Vertical assessment level (mg/kg)	Criteria for COC screening[3]	Critical PCL (mg/kg)		Tier[4]	Source Area Size (acres)	Pathway[5]		Maximum or representative concentration[6] (mg/kg)	
							On-site	Off-site			On-site	Off-site	On-site	Off-site
area, sump			8260B											
Container storage area, sump	Dichlorodifluoromethane	75-71-8	SW-846 8260B	239	239	350.71(k)(3)	715	239	1	0.50	^{GW}Soil	^{GW}Soil	0.000718 MDL	0.000718 MDL
Container storage area, sump	Ethylbenzene	100-41-4	SW-846 8260B	7.63	7.63	350.71(k)(1)	7.63	7.63	1	0.50	^{GW}Soil	^{GW}Soil	0.083 M	0.074 MDL
Container storage area, sump	Hexachlorobutadiene	87-68-3	SW-846 8260B	1.37	1.37	350.71(k)(3)	4.10	1.37	1	0.50	^{GW}Soil	^{GW}Soil	0.001 MDL	0.001 MDL
Container storage area, sump	Isopropylbenzene (Cumene)	98-82-8	SW-846 8260B	347	347	350.71(k)(1)	1038	347	1	0.50	^{GW}Soil	^{GW}Soil	0.00024 MDL	0.00024 MDL
Container storage area, sump	m,p-Xylene	136777-61-2	SW-846 8260B	123	123	350.71(k)(1)	123	123	1	0.50	^{GW}Soil	^{GW}Soil	0.0017 M	0.00045 MDL
Container storage area, sump	Methyl iodide	74-88-4	SW-846 8260B	0.1136	0.1136	350.71(k)(2)(A)	0.3393	0.1136	1	0.50	^{GW}Soil	^{GW}Soil	0.000448 MDL	0.000448 MDL
Container storage area, sump	Methylene chloride	75-09-2	SW-846 8260B	0.0131	0.0131	350.71(k)(2)(A)	0.0131	0.0131	1	0.50	^{GW}Soil	^{GW}Soil	0.00292 M	0.0014-0.000588 MDL
Container storage area, sump	Naphthalene	91-20-3	SW-846 8260B	31.2	31.2	350.71(k)(1)	93.3	31.2	1	0.50	^{GW}Soil	^{GW}Soil	0.105 M	0.000641 MDL
Container storage area, sump	n-Butylbenzene	104-51-8	SW-846 8260B	121	121	350.71(k)(1)	362	121	1	0.50	^{GW}Soil	^{GW}Soil	0.000375 MDL	0.000375 MDL
Container storage area, sump	n-Propylbenzene	103-65-1	SW-846 8260B	44.8	44.8	350.71(k)(1)	133.9	44.8	1	0.50	^{GW}Soil	^{GW}Soil	0.000433 MDL	0.000433 MDL
Container storage area, sump	o-Xylene	95-47-6	SW-846 8260B	70.7	70.7	350.71(k)(1)	70.7	70.7	1	0.50	^{GW}Soil	^{GW}Soil	0.000313 MDL	0.000313 MDL
Container storage area, sump	sec-Butylbenzene	135-98-8	SW-846 8260B	84.8	84.8	350.71(k)(1)	253.3	84.8	1	0.50	^{GW}Soil	^{GW}Soil	0.000394 MDL	0.000394 MDL
Container storage area, sump	Styrene	100-42-5	SW-846 8260B	3.25	3.25	350.71(k)(1)	3.25	3.25	1	0.50	^{GW}Soil	^{GW}Soil	0.102 M	0.0018-0.000136 MDL
Container storage area, sump	tert-Butyl methyl ether (MTBE)	1634-04-4	SW-846 8260B	0.6214	0.6214	350.71(k)(3)	1.8561	0.6214	1	0.50	^{GW}Soil	^{GW}Soil	0.000218 MDL	0.000218 MDL
Container storage area, sump	tert-Butylbenzene	98-06-6	SW-846 8260B	100	100	350.71(k)(3)	299	100	1	0.50	^{GW}Soil	^{GW}Soil	0.000407 MDL	0.000407 MDL
Container storage area, sump	Tetrachloroethene	127-18-4	SW-846 8260B	0.0502	0.0502	N/A	0.0502	0.0502	1	0.50	^{GW}Soil	^{GW}Soil	0.465 M	0.022 MDL
Container storage area, sump	Toluene	108-88-3	SW-846 8260B	8.21	8.21	350.71(k)(1)	8.21	8.21	1	0.50	^{GW}Soil	^{GW}Soil	0.0018-0.000177 MDL	0.0018-0.000177 MDL
Container storage area, sump	trans-1,2-Dichloroethene	156-60-5	SW-846 8260B	0.4902	0.4902	350.71(k)(1)	0.4902	0.4902	1	0.50	^{GW}Soil	^{GW}Soil	0.143 M	0.42 MDL
Container storage area, sump	trans-1,3-Dichloropropene	10061-02-6	SW-846 8260B	0.0359	0.0359	350.71(k)(3)	0.0804	0.0359	1	0.50	^{GW}Soil	^{GW}Soil	0.0021-0.000405 MDL	0.007 MDL
Container storage area, sump	trans-1,4-Dichloro-2-butene	110-57-6	SW-846 8260B	0.3301	0.3302	350.71(k)(3)	0.5546	0.3301	1	0.50	^{Tot}Soil$_{Comb}$	^{Tot}Soil$_{Comb}$	0.00109 MDL	0.00109 MDL
Container storage area, sump	Trichloroethene	79-01-6	SW-846 8260B	0.0336	0.0336	N/A	0.0336	0.0336	1	0.50	^{GW}Soil	^{GW}Soil	16.3 M	0.0142 M
Container storage area, sump	Trichlorofluoromethane	75-69-4	SW-846 8260B	128	128	350.71(k)(3)	382	128	1	0.50	^{GW}Soil	^{GW}Soil	0.000316 MDL	0.000316 MDL
Container storage area, sump	Trichlorotrifluoroethane	76-13-1	SW-846 8260B	79820	79820	350.71(k)(3)	238395	79820	1	0.50	^{GW}Soil	^{GW}Soil	0.001 MDL	0.001 MDL
Container storage area, sump	Vinyl acetate	108-05-4	SW-846 8260B	53.4	53.4	350.71(k)(3)	159.4	53.4	1	0.50	^{GW}Soil	^{GW}Soil	0.000415 MDL	0.000415 MDL
Container storage area, sump	Vinyl chloride	75-01-4	SW-846 8260B	0.0223	0.0223	N/A	0.0223	0.0223	1	0.50	^{GW}Soil	^{GW}Soil	0.00621 M	0.027 MDL
Container storage	Xylene (total)	1330-20-7	SW-846	123	123	350.71(k)(1)	123	123	1	0.50	^{GW}Soil	^{GW}Soil	0.31 M	0.44 MDL

Surface Soil COC Summary

Associated Information: 5A and 5C and Appendix 5

APAR Worksheet 5.1

ID No. VCP No. 1571 | **Report date : April 11, 2007**

Source(s) of Release[1]	COC	CAS number	Analytical Method[2]	Horizontal assessment level (mg/kg)	Vertical assessment level (mg/kg)	Criteria for COC screening[3]	Critical PCL (mg/kg)		Tier[4]	Source Area Size (acres)	Pathway[5]		Maximum or representative concentration[6] (mg/kg)	
							On-site	Off-site			On-site	Off-site	On-site	Off-site
area, sump			8260B											

Provide a discussion of how the list of target COCs was derived and relate the discussion to the substances of potential concern identified on the first page of Worksheet 2.0. If there were any target COCs for which analysis was not conducted, identify those COCs and discuss the reasons analysis was not conducted.

A Phase I ESA conducted in 2001 revealed that metals and trichloroethene were COCs used onsite and suspected to have impacted the Former Delfasco Forge Facility. During a Phase II ESA conducted in 2002, soil and groundwater samples were collected and analyzed for RCRA 8 Metals, TPH and VOCs to target these COCs. Results of analysis confirmed a release of petroleum hydrocarbons in the central portion of the site and TCE and its degradation products. These are the targeted COCs investigated as addressed in this APAR.