

APPENDIX C

LABORATORY ANALYSIS RESULTS

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APPENDIX C.1
SOIL SAMPLE ANALYTICAL RESULTS

Soil Analysis Summary CAM-5

Sample#	Location#	Location Description	Analysis						
			1	2	3	4	5	6	7
C5-001	045	Building Proximity 1	*	*	*	*	*	*	*
C5-002	096	Building Proximity 1							
C5-003	088	Building Proximity 1							
C5-004	094	Building Proximity 1							
C5-005	097	Building Proximity 1	*	*	*				
C5-006D	097	Building Proximity 1	*	*	*				
C5-007	095	Building Proximity 1							
C5-008	010	Building Proximity 1							
C5-009	017	Building Proximity 1							
C5-010D	025	Building Proximity 1							
C5-011		Building Proximity 1							
C5-012	027	Building Proximity 1							
C5-013	005	Building Proximity 1							
C5-014	038	POL 4							
C5-015	033	POL 4							
C5-016	092	POL 4	*	*	*				
C5-017	011	Pallet Line 1	*	*	*				
C5-018	089	Pallet Line 1							
C5-019	100	Pallet Line 1							
C5-020	001	Landfill C	*	*	*	*	*	*	*
C5-020R	001	Landfill C		*	*				
C5-021D	001	Landfill C	*	*	*				
C5-022	006	Landfill C							
C5-023	024	Landfill C	*	*					
C5-024	004	Landfill B							
C5-025	006	Landfill B							
C5-026	032	Landfill B	*	*	*	*	*	*	*
C5-026R	032	Landfill B					*		
C5-027	015	Landfill B							
C5-028	040	Landfill B							
C5-029	048	Landfill B							
C5-030	019	Landfill B	*	*	*	*		*	*
C5-030R	019	Landfill B	*	*	*	*		*	*
C5-031D	019	Landfill B	*	*	*	*		*	*
C5-032	028	Landfill B							
C5-033	013	POL 3	*	*	*				
C5-034	007	POL 3							
C5-035	047	POL 3							
C5-036	036	POL 3	*	*	*	*		*	*
C5-037	002	Building Proximity 1							
C5-038	046	Sewage Outfall							
C5-039	022	Sewage Outfall							
C5-040	014	Sewage Outfall	*	*	*	*		*	*
C5-040R	014	Sewage Outfall							
C5-041D	014	Sewage Outfall	*	*	*	*		*	*
C5-042	041	Sewage Outfall							
C5-043	039	Sewage Outfall							
C5-044	003	Landfill A	*	*	*	*	*	*	*
C5-045	008	Landfill A	*	*	*	*	*	*	*
C5-045R	008	Landfill A		*	*				
C5-046	023	Landfill A	*	*	*	*	*	*	*
C5-047	030	Landfill A	*	*	*	*	*	*	*
C5-048	026	POL 2	*	*	*	*	*	*	*
C5-049	093	POL 2	*	*	*	*	*	*	*
C5-050	016	POL 2	*	*	*	*	*	*	*

Soil Analysis Summary CAM-5

Sample#	Location#	Location Description	Analysis						
			1	2	3	4	5	6	7
C5-050R	016	POL 2	*	*	*				
C5-051D	016	POL 2							
C5-052	029	Building Proximity 2	*	*	*	*	*	*	*
C5-053	035	Building Proximity 2	*	*	*				
C5-054	037	POL 1							
C5-055	034	Sewage Outfall	*	*	*	*	*	*	*
C5-056	020	Sewage Outfall	*	*	*	*	*	*	*
C5-057		Background	*	*	*	*	*	*	*
C5-057R		Background				*		*	*
C5-058	044	Background	*	*	*	*	*	*	*
C5-058R	044	Background				*	*	*	*

1-Metals

2-TPH

3-PCB

4-Pesticides

5-Volatile Organics (EPA 8240)

6-Acid Extractable Organics (EPA 8270)

7-Base/Neutral Extractable Organics (EPA8270)

* -Requested and Reported

-Incomplete Data Set

 -Results Exceed Criteria
as per Volume 2

Dewline C5 Sites (Soils)								
Parameter	MDL	C5-001	C5-005	C5-006D	C5-010D	C5-016	C5-017	C5-020
	(mg/kg)							
METALS								
Arsenic	0.1	1.3	<	<	-	0.8	<	0.4
Selenium	0.5	<	<	<	-	<	<	<
Mercury	0.05	<	<	<	-	<	<	<
Barium	1	38	34	31	-	35	18	47
Beryllium	1	<	<	<	-	<	<	<
Cadmium	1	<	<	<	-	<	<	<
Chromium	1	22	20	28	-	31	19	38
Lead	10	<	11	<	-	310	<	<
Nickel	5	13	11	13	-	<	6	19
Silver	5	<	<	<	-	<	<	<
TPH (as diesel)	5	<	<	130	-	520	<	<
PCB	0.01	<	0.08	<	-	0.49	<	<
PESTICIDES/PCB								
Aldrin	1.3	<						<
a-BHC	1.3	<						<
b-BHC	1.3	<						<
g-BHC (Lindane)	1.3	<						<
d-BHC	1.3	<						<
p,p'-DDD	1.3	<						<
p,p'-DDE	1.3	<						<
p,p'-DDT	1.3	<						<
Dieldrin	1.3	<						<
a-Endosulfan	1.3	<						<
b-Endosulfan	1.3	<						<
Endosulfan Sulfate	1.3	<						<
Heptachlor	1.3	<						<
Heptachlor Epoxide	1.3	<						<
VOLATILES								
Cl-Methane	0.011	<						<
Vinyl Chloride	0.015	<						<
Br-Methane	0.012	<						<
Cl-Ethane	0.012	<						<
Cl3F3-Methane	0.002	<						<
1,1-Cl2-Ethylene	0.002	<						<
Methylene Chloride	0.002	<						<
trans 1,2-Cl2-Ethylene	0.002	<						<
1,1 Cl2-Ethane	0.003	<						<
Chloroform	0.002	<						<
1,1,1-Cl3-Ethane	0.003	<						<
1,2 Cl2-Ethane	0.002	<						<
Carbon Tetrachloride	0.002	<						<
Benzene	0.001	<						<
1,2-Cl2-Propane	0.003	<						<
Cl3-Ethylene	0.002	<						<

MDL = Method Detection Limit

< = below detection limit

R = Replicate Sample

D = Duplicate Sample

Dewline C5 Sites (Soils)								
Parameter	MDL	C5-001	C5-005	C5-006D	C5-010D	C5-016	C5-017	C5-020
BrCl2-Methane	0.002	<						<
2-Cl-Ethylvinyl ether	0.014	<						<
cis-1,2-Cl2-Propylene	0.003	<						<
Toluene	0.002	<						<
trans-1,2-Cl2-Propylene	0.006	<						<
1,1,2-Cl3-Ethane	0.003	<						<
ClBr2-Methane	0.002	<						<
C14-Ethylene	0.001	<						<
Cl-Benzene	0.003	<						<
Ethyl Benzene	0.002	<						<
Bromoform	0.002	<						<
1,1,2,2-Cl4-ethane	0.002	<						<
d4-1,2-Dichloroethane	%	120						120
d8-Toluene	%	110						82
Bromofluorobenzene	%	80						91
ACID EXT								
phenol	0.11	<						<
Bis(2-chloroethyl)ether	0.18	<						<
2-Chlorophenol	0.27	<						<
1,3-Dichlorobenzene	0.20	<						<
1,4-Dichlorobenzene	0.20	<						<
1,2-Dichlorobenzene	0.20	<						<
Bis(2-chloroisopropyl)ether	0.15	<						<
Hexachloroethane	0.20	<						<
N-Nitroso-N-Propylamine	0.21	<						<
Nitrobenzene	0.20	<						<
Isophrone	0.40	<						<
2-Nitrophenol	0.14	<						<
2,4-Dimethylphenol	0.17	<						<
Bis(2-chloroethoxy)methane	0.13	<						<
2,4-Dichlorophenol	0.12	<						<
1,2,4-Trichlorobenzene	0.20	<						<
Naphthalene	0.03	<						<
Hexachlorobutadiene	0.20	<						<
4-Chloro-3-Methylphenol	0.14	<						<
Hexachlorocyclopentadiene	0.20	<						<
2,4,6-Trichlorophenol	0.12	<						<
BASE/NEUTRAL								
2-Chloronaphthalene	0.09	<						<
Acenaphthylene	0.04	<						<
Dimethyl phthalate	0.11	<						<
2,6-Dinitrotoluene	0.06	<						<
Acenaphthene	0.07	<						<
2,4-Dinitrophenol	0.48	<						<
2,4-Dinitrotoluene	0.05	<						<
4-Nitrophenol	0.14	<						<

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Dewline C5 Sites (Soils)								
Parameter	MDL	C5-001	C5-005	C5-006D	C5-010D	C5-016	C5-017	C5-020
Fluorene	0.03	<						<
4-Chlorophenylphenylether	0.09	<						<
Diethyl phthalate	0.11	<						<
4,6-Dinitro-2-methylphenol	0.15	<						<
N-Nitrosodiphenylamine	0.19	<						<
4-Bromophenylphenylether	0.03	<						<
Hexachlorobenzene	0.20	<						<
Pentachlorophenol	0.11	<						<
Phenanthrene	0.03	<						<
Anthracene	0.02	<						<
Di-n-butyl phthalate	0.11							
Fluoranthene	0.02	<						<
Pyrene	0.03	<						<
Benzyl butyl phthalate	0.06	<						<
Benzo(a)Anthracene	0.02	<						<
Chrysene	0.03							<
Bis(2-ethylhexyl)phthalate	0.14	1.1						<
Di-n-octyl phthalate	0.11	<						<
Benzo(b)fluoranthene	0.04	<						<
Benzo(k)fluoranthene	0.04	<						<
Benzo(a)pyrene	0.05	<						<
Ideno(1,2,3-cd)pyrene	0.06	<						<
Dibenzo(a,h)anthracene	0.04	<						<
Benzo(ghi)perylene	0.04	<						<
d5-Phenol	%	56						72
d5-Nitrobenzene	%	14						48
2-Fluorobiphenyl	%	62						77
2,4,6-Tribromophenol	%	78						110
d-14-p-Terphenyl	%	110						110

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Dewline C5 Sites (Soils)								
Parameter	MDL	C5-020R	C5-021D	C5-023	C5-026	C5-026R	C5-030	C5-030R
	(mg/kg)							
METALS								
Arsenic	0.1	-	0.3	<	0.3		<	-
Selenium	0.5	-	<	<	<		<	-
Mercury	0.05	-	<	<	<		<	<
Barium	1	-	42	70	11		10	12
Beryllium	1	-	<	<	<		<	<
Cadmium	1	-	<	<	<		<	<
Chromium	1	-	29	56	11		11	9
Lead	10	-	<	<	<		<	<
Nickel	5	-	15	31	<		<	<
Silver	5	-	<	<	<		<	<
TPH (as diesel)	5	<	<	<	<		<	<
PCB	0.01	<	<	-	<		<	<
PESTICIDES/PCB								
Aldrin	1.3		<		<		<	<
a-BHC	1.3		<		<		<	<
b-BHC	1.3		<		<		<	<
g-BHC (Lindane)	1.3		<		<		<	<
d-BHC	1.3		<		<		<	<
p,p'-DDD	1.3		<		<		<	<
p,p'-DDE	1.3		<		<		<	<
p,p'-DDT	1.3		<		<		<	<
Dieldrin	1.3		<		<		<	<
a-Endosulfan	1.3		<		<		<	<
b-Endosulfan	1.3		<		<		<	<
Endosulfan Sulfate	1.3		<		<		<	<
Heptachlor	1.3		<		<		<	<
Heptachlor Epoxide	1.3		<		<		<	<
VOLATILES								
Cl-Methane	0.011		<		<	<		
Vinyl Chloride	0.015		<		<	<		
Br-Methane	0.012		<		<	<		
Cl-Ethane	0.012		<		<	<		
Cl3F3-Methane	0.002		<		<	<		
1,1-Cl2-Ethylene	0.002		<		<	<		
Methylene Chloride	0.002		<		<	<		
trans 1,2-Cl2-Ethylene	0.002		<		<	<		
1,1 Cl2-Ethane	0.003		<		<	<		
Chloroform	0.002		<		<	<		
1,1,1-Cl3-Ethane	0.003		<		<	<		
1,2 Cl2-Ethane	0.002		<		<	<		
Carbon Tetrachloride	0.002		<		<	<		
Benzene	0.001		<		<	<		
1,2-Cl2-Propane	0.003		<		<	<		
Cl3-Ethylene	0.002		<		<	<		

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Dewline C5 Sites (Soils)								
Parameter	MDL	C5-020R	C5-021D	C5-023	C5-026	C5-026R	C5-030	C5-030R
BrCl2-Methane	0.002		<		<	<		
2-Cl-Ethylvinyl ether	0.014		<		<	<		
cis-1,2-Cl2-Propylene	0.003		<		<	<		
Toluene	0.002		<		<	<		
trans-1,2-Cl2-Propylene	0.006		<		<	<		
1,1,2-Cl3-Ethane	0.003		<		<	<		
ClBr2-Methane	0.002		<		<	<		
C14-Ethylene	0.001		<		<	<		
Cl-Benzene	0.003		<		<	<		
Ethyl Benzene	0.002		<		<	<		
Bromoform	0.002		<		<	<		
1,1,2,2-Cl4-ethane	0.002		<		<	<		
d4-1,2-Dichloroethane	%		120		107	103		
d8-Toluene	%		97		106	105		
Bromofluorobenzene	%		77		102	104		
ACID EXT								
phenol	0.11		<		<		<	<
Bis(2-chloroethyl)ether	0.18		<		<		<	<
2-Chlorophenol	0.27		<		<		<	<
1,3-Dichlorobenzene	0.20		<		<		<	<
1,4-Dichlorobenzene	0.20		<		<		<	<
1,2-Dichlorobenzene	0.20		<		<		<	<
Bis(2-chloroisopropyl)ether	0.15		<		<		<	<
Hexachloroethane	0.20		<		<		<	<
N-Nitroso-N-Propylamine	0.21		<		<		<	<
Nitrobenzene	0.20		<		<		<	<
Isophrone	0.40		<		<		<	<
2-Nitrophenol	0.14		<		<		<	<
2,4-Dimethylphenol	0.17		<		<		<	<
Bis(2-chloroethoxy)methane	0.13		<		<		<	<
2,4-Dichlorophenol	0.12		<		<		<	<
1,2,4-Trichlorobenzene	0.20		<		<		<	<
Naphthalene	0.03		<		<		<	<
Hexachlorobutadiene	0.20		<		<		<	<
4-Chloro-3-Methylphenol	0.14		<		<		<	<
Hexachlorocyclopentadiene	0.20		<		<		<	<
2,4,6-Trichlorophenol	0.12		<		<		<	<
BASE/NEUTRAL								
2-Chloronaphthalene	0.09		<		<		<	<
Acenaphthylene	0.04		<		<		<	<
Dimethyl phthalate	0.11		<		<		<	<
2,6-Dinitrotoluene	0.06		<		<		<	<
Acenaphthene	0.07		<		<		<	<
2,4-Dinitrophenol	0.48		<		<		<	<
2,4-Dinitrotolulene	0.05		<		<		<	<
4-Nitrophenol	0.14		<		<		<	<

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Dewline C5 Sites (Soils)								
Parameter	MDL	C5-020R	C5-021D	C5-023	C5-026	C5-026R	C5-030	C5-030R
Fluorene	0.03		<		<		<	<
4-Chlorophenylphenylether	0.09		<		<		<	<
Diethyl phthalate	0.11		<		<		<	<
4,6-Dinitro-2-methylphenol	0.15		<		<		<	<
N-Nitrosodiphenylamine	0.19		<		<		<	<
4-Bromophenylphenylether	0.03		<		<		<	<
Hexachlorobenzene	0.20		<		<		<	<
Pentachlorophenol	0.11		<		<		<	<
Phenanthrene	0.03		<		<		<	<
Anthracene	0.02		<		<		<	<
Di-n-butyl phthalate	0.11						0.16	<
Fluoranthene	0.02		<		<		<	<
Pyrene	0.03		<		<		<	<
Benzyl butyl phthalate	0.06		0.07		0.19		0.19	0.08
Benzo(a)Anthracene	0.02		<		<		<	<
Chrysene	0.03		<		<		<	<
Bis(2-ethylhexyl)phthalate	0.14		<		0.23		<	0.51
Di-n-octyl phthalate	0.11		<		0.95		0.54	<
Benzo(b)fluoranthene	0.04		<		<		<	<
Benzo(k)fluoranthene	0.04		<		<		<	<
Benzo(a)pyrene	0.05		<		<		<	<
Ideno(1,2,3-cd)pyrene	0.06		<		<		<	<
Dibenzo(a,h)anthracene	0.04		<		<		<	<
Benzo(ghi)perylene	0.04		<		<		<	<
d5-Phenol	%		52		59		65	67
d5-Nitrobenzene	%		39		27		45	54
2-Fluorobiphenyl	%		56		63		68	68
2,4,6-Tribromophenol	%		84		99		80	68
d-14-p-Terphenyl	%		96		110		95	100

MDL = Method Detection Limit

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D = Duplicate Sample

Dewline C5 Sites (Soils)								
Parameter	MDL	C5-031D	C5-033	C5-036	C5-040	C5-040R	C5-041D	C5-044
	(mg/kg)							
METALS								
Arsenic	0.1	<	<	<	0.2	-	0.2	0.2
Selenium	0.5	<	<	<	<	-	<	<
Mercury	0.05	<	<	<	<	-	<	<
Barium	1	12	18	18	62	-	58	42
Beryllium	1	<	<	<	<	-	<	<
Cadmium	1	<	<	<	<	-	<	<
Chromium	1	9	16	20	43	-	40	11
Lead	10	<	14	<	<	-	<	<
Nickel	5	<	6	6	23	-	21	<
Silver	5	<	<	<	<	-	<	<
TPH (as diesel)	5	<	2600	14000		-	<	1600
PCB	0.01	-	<	0.05	<	-	<	0.13
PESTICIDES/PCB								
Aldrin	1.3	<		<	<		<	<
a-BHC	1.3	<		<	<		<	<
b-BHC	1.3	<		<	<		<	<
g-BHC (Lindane)	1.3	<		<	<		<	<
d-BHC	1.3	<		<	<		<	<
p,p'-DDD	1.3	<		<	<		<	<
p,p'-DDE	1.3	<		<	<		<	<
p,p'-DDT	1.3	<		<	<		<	<
Dieldrin	1.3	<		<	<		<	<
a-Endosulfan	1.3	<		<	<		<	<
b-Endosulfan	1.3	<		<	<		<	<
Endosulfan Sulfate	1.3	<		<	<		<	<
Heptachlor	1.3	<		<	<		<	<
Heptachlor Epoxide	1.3	<		<	<		<	<
VOLATILES								
Cl-Methane	0.011							<
Vinyl Chloride	0.015							<
Br-Methane	0.012							<
Cl-Ethane	0.012							<
Cl3F3-Methane	0.002							<
1,1-Cl2-Ethylene	0.002							<
Methylene Chloride	0.002							<
trans 1,2-Cl2-Ethylene	0.002							<
1,1 Cl2-Ethane	0.003							<
Chloroform	0.002							<
1,1,1-Cl3-Ethane	0.003							<
1,2 Cl2-Ethane	0.002							<
Carbon Tetrachloride	0.002							<
Benzene	0.001							<
1,2-Cl2-Propane	0.003							<
Cl3-Ethylene	0.002							<

MDL = Method Detection Limit

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D = Duplicate Sample

Dewline C5 Sites (Soils)								
Parameter	MDL	C5-031D	C5-033	C5-036	C5-040	C5-040R	C5-041D	C5-044
BrCl2-Methane	0.002							<
2-Cl-Ethylvinyl ether	0.014							<
cis-1,2-Cl2-Propylene	0.003							<
Toluene	0.002							<
trans-1,2-Cl2-Propylene	0.006							<
1,1,2-Cl3-Ethane	0.003							<
ClBr2-Methane	0.002							<
C14-Ethylene	0.001							<
Cl-Benzene	0.003							<
Ethyl Benzene	0.002							<
Bromoform	0.002							<
1,1,2,2-Cl4-ethane	0.002							<
d4-1,2-Dichloroethane	%							82
d8-Toluene	%							<
Bromofluorobenzene	%							<
ACID EXT								
phenol	0.11	<		<	<		<	<
Bis(2-chloroethyl)ether	0.18	<		<	<		<	<
2-Chlorophenol	0.27	<		<	<		<	<
1,3-Dichlorobenzene	0.20	<		<	<		<	<
1,4-Dichlorobenzene	0.20	<		<	<		<	<
1,2-Dichlorobenzene	0.20	<		<	<		<	<
Bis(2-chloroisopropyl)ether	0.15	<		<	<		<	<
Hexachloroethane	0.20	<		<	<		<	<
N-Nitroso-N-Propylamine	0.21	<		<	<		<	<
Nitrobenzene	0.20	<		<	<		<	<
Isophrone	0.40	<		<	<		<	<
2-Nitrophenol	0.14	<		<	<		<	<
2,4-Dimethylphenol	0.17	<		<	<		<	<
Bis(2-chloroethoxy)methane	0.13	<		<	<		<	<
2,4-Dichlorophenol	0.12	<		<	<		<	<
1,2,4-Trichlorobenzene	0.20	<		<	<		<	<
Naphthalene	0.03	<		<	<		<	<
Hexachlorobutadiene	0.20	<		<	<		<	<
4-Chloro-3-Methylphenol	0.14	<		<	<		<	<
Hexachlorocyclopentadiene	0.20	<		<	<		<	<
2,4,6-Trichlorophenol	0.12	<		<	<		<	<
BASE/NEUTRAL								
2-Chloronaphthalene	0.09	<		<	<		<	<
Acenaphthylene	0.04	<		<	<		<	<
Dimethyl phthalate	0.11	<		<	<		<	<
2,6-Dinitrotoluene	0.06	<		<	<		<	<
Acenaphthene	0.07	<		<	<		<	<
2,4-Dinitrophenol	0.48	<		<	<		<	<
2,4-Dinitrotolulene	0.05	<		<	<		<	<
4-Nitrophenol	0.14	<		<	<		<	<

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D = Duplicate Sample

Dewline C5 Sites (Soils)								
Parameter	MDL	C5-031D	C5-033	C5-036	C5-040	C5-040R	C5-041D	C5-044
Fluorene	0.03	<		0.73	<		<	0.5
4-Chlorophenylphenylether	0.09	<		<	<		<	<
Diethyl phthalate	0.11	<		<	<		<	<
4,6-Dinitro-2-methylphenol	0.15	<		<	<		<	<
N-Nitrosodiphenylamine	0.19	<		<	<		<	<
4-Bromophenylphenylether	0.03	<		<	<		<	<
Hexachlorobenzene	0.20	<		<	<		<	<
Pentachlorophenol	0.11	<		<	<		<	<
Phenanthrene	0.03	<		0.09	<		<	0.57
Anthracene	0.02	<		<	<		<	<
Di-n-butyl phthalate	0.11	<		0.14	0.45		<	0.45
Fluoranthene	0.02	<		<	<		<	<
Pyrene	0.03	<		<	<		<	<
Benzyl butyl phthalate	0.06	0.1		0.18	<		<	<
Benzo(a)Anthracene	0.02	<		<	<		<	<
Chrysene	0.03	<		<	<		<	<
Bis(2-ethylhexyl)phthalate	0.14	3.4		4.2	1.3		<	6.47
Di-n-octyl phthalate	0.11	<		<	<		<	0.57
Benzo(b)fluoranthene	0.04	<		<	<		<	<
Benzo(k)fluoranthene	0.04	<		<	<		<	<
Benzo(a)pyrene	0.05	<		<	<		<	<
Ideno(1,2,3-cd)pyrene	0.06	<		<	<		<	<
Dibenzo(a,h)anthracene	0.04	<		<	<		<	<
Benzo(ghi)perylene	0.04	<		<	<		<	<
d5-Phenol	%	60		48	73		72	83
d5-Nitrobenzene	%	49		INT	52		64	173
2-Fluorobiphenyl	%	62		92	82		86	107
2,4,6-Tribromophenol	%	65		85	110		100	131
d-14-p-Terphenyl	%	91		96	110		100	190

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Dewline C5 Sites (Soils)								
Parameter	MDL (mg/kg)	C5-045	C5-045R	C5-046	C5-047	C5-048	C5S049	C5-050
METALS								
Arsenic	0.1	<	-	0.4	<	0.7	0.5	0.5
Selenium	0.5	<	-	<	<	<	<	<
Mercury	0.05	<	-	<	<	<	<	<
Barium	1	29	-	160	110	50	49	58
Beryllium	1	<	-	<	<	1	1	<
Cadmium	1	<	-	<	<	<	<	<
Chromium	1	18	-	29	44	22	25	26
Lead	10	17	-	<	<	13	41	39
Nickel	5	7	-	17	27	12	12	12
Silver	5	<	-	<	<	<	<	<
TPH (as diesel)	5	<	<	230	<	272	<	1000
PCB	0.01	<	<	0.24	<	<	<	0.14
PESTICIDES/PCB								
Aldrin	1.3	<		<	<	<	<	<
a-BHC	1.3	<		<	<	<	<	<
b-BHC	1.3	<		<	<	<	<	<
g-BHC (Lindane)	1.3	<		<	<	<	<	<
d-BHC	1.3	<		<	<	<	<	<
p,p'-DDD	1.3	<		<	<	<	<	<
p,p'-DDE	1.3	<		<	<	<	<	<
p,p'-DDT	1.3	<		<	<	<	<	<
Dieldrin	1.3	<		<	<	<	<	<
a-Endosulfan	1.3	<		<	<	<	<	<
b-Endosulfan	1.3	<		<	<	<	<	<
Endosulfan Sulfate	1.3	<		<	<	<	<	<
Heptachlor	1.3	<		<	<	<	<	<
Heptachlor Epoxide	1.3	<		<	<	<	<	<
VOLATILES								
Cl-Methane	0.011	<		<				<
Vinyl Chloride	0.015	<		<				<
Br-Methane	0.012	<		<				<
Cl-Ethane	0.012	<		<				<
Cl3F3-Methane	0.002	<		<				<
1,1-Cl2-Ethylene	0.002	<		<				<
Methylene Chloride	0.002	<		<				0.061
trans 1,2-Cl2-Ethylene	0.002	<		<				<
1,1 Cl2-Ethane	0.003	<		<				<
Chloroform	0.002	<		<				<
1,1,1-Cl3-Ethane	0.003	<		<				<
1,2 Cl2-Ethane	0.002	<		<				<
Carbon Tetrachloride	0.002	<		<				<
Benzene	0.001	<		<				0.003
1,2-Cl2-Propane	0.003	<		<				<
Cl3-Ethylene	0.002	<		<				<

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Dewline C5 Sites (Soils)								
Parameter	MDL	C5-045	C5-045R	C5-046	C5-047	C5-048	C5S049	C5-050
BrCl2-Methane	0.002	<		<				<
2-Cl-Ethylvinyl ether	0.014	<		<				<
cis-1,2-Cl2-Propylene	0.003	<		<				<
Toluene	0.002	0.075		0.78				0.007
trans-1,2-Cl2-Propylene	0.006	<		<				<
1,1,2-Cl3-Ethane	0.003	<		<				<
ClBr2-Methane	0.002	<		<				<
C14-Ethylene	0.001	0.024		0.004				<
Cl-Benzene	0.003	<		<				<
Ethyl Benzene	0.002	<		<				<
Bromoform	0.002	<		<				<
1,1,2,2-Cl4-ethane	0.002	<		0.016				<
d4-1,2-Dichloroethane	%	110		*140				100
d8-Toluene	%	110		110				110
Bromofluorobenzene	%	83		81				97
ACID EXT								
phenol	0.11	<		<	<	<	<	<
Bis(2-chloroethyl)ether	0.18	<		<	<	<	<	<
2-Chlorophenol	0.27	<		<	<	<	<	<
1,3-Dichlorobenzene	0.20	<		<	<	<	<	<
1,4-Dichlorobenzene	0.20	<		<	<	<	<	<
1,2-Dichlorobenzene	0.20	<		<	<	<	<	<
Bis(2-chloroisopropyl)ether	0.15	<		<	<	<	<	<
Hexachloroethane	0.20	<		<	<	<	<	<
N-Nitroso-N-Propylamine	0.21	<		<	<	<	<	<
Nitrobenzene	0.20	<		<	<	<	<	<
Isophrone	0.40	<		<	<	<	<	<
2-Nitrophenol	0.14	<		<	<	<	<	<
2,4-Dimethylphenol	0.17	<		<	<	<	<	<
Bis(2-chloroethoxy)methane	0.13	<		<	<	<	<	<
2,4-Dichlorophenol	0.12	<		<	<	<	<	<
1,2,4-Trichlorobenzene	0.20	<		<	<	<	<	<
Naphthalene	0.03	<		<	<	<	<	<
Hexachlorobutadiene	0.20	<		<	<	<	<	<
4-Chloro-3-Methylphenol	0.14	<		<	<	<	<	<
Hexachlorocyclopentadiene	0.20	<		<	<	<	<	<
2,4,6-Trichlorophenol	0.12	<		<	<	<	<	<
BASE/NEUTRAL								
2-Chloronaphthalene	0.09	<		<	<	<	<	<
Acenaphthylene	0.04	<		<	<	<	<	<
Dimethyl phthalate	0.11	<		<	<	<	<	<
2,6-Dinitrotoluene	0.06	<		<	<	<	<	<
Acenaphthene	0.07	<		<	<	<	<	<
2,4-Dinitrophenol	0.48	<		<	<	<	<	<
2,4-Dinitrotolulene	0.05	<		<	<	<	<	<
4-Nitrophenol	0.14	<		<	<	<	<	<

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Dewline C5 Sites (Soils)								
Parameter	MDL	C5-045	C5-045R	C5-046	C5-047	C5-048	C5S049	C5-050
Fluorene	0.03	<		<	<	<	<	<
4-Chlorophenylphenylether	0.09	<		<	<	<	<	<
Diethyl phthalate	0.11	<		0.16	<	<	<	0.19
4,6-Dinitro-2-methylphenol	0.15	<		<	<	<	<	<
N-Nitrosodiphenylamine	0.19	<		<	<	<	<	<
4-Bromophenylphenylether	0.03	<		<	<	<	<	<
Hexachlorobenzene	0.20	<		<	<	<	<	<
Pentachlorophenol	0.11	<		<	<	<	<	<
Phenanthrene	0.03	<		<	<	<	<	<
Anthracene	0.02	<		<	<	<	<	<
Di-n-butyl phthalate	0.11	<		0.81	0.19	<	<	0.33
Fluoranthene	0.02	<		<	<	<	<	<
Pyrene	0.03	<		<	<	<	<	<
Benzyl butyl phthalate	0.06	<			0.15	0.31	0.18	<
Benzo(a)Anthracene	0.02	<		<	<	<	<	<
Chrysene	0.03	<		<	<	<	<	<
Bis(2-ethylhexyl)phthalate	0.14	0.21		0.94	<	0.43	2.5	<
Di-n-octyl phthalate	0.11	<		<	<	<	<	0.15
Benzo(b)fluoranthene	0.04	<		<	<	<	<	<
Benzo(k)fluoroanthene	0.04	<		<	<	<	<	<
Benzo(a)pyrene	0.05	<		<	<	<	<	<
Ideno(1,2,3-cd)pyrene	0.06	<		<	<	<	<	<
Dibenzo(a,h)anthracene	0.04	<		<	<	<	<	<
Benzo(ghi)perylene	0.04	<		<	<	<	<	<
d5-Phenol	%	56		85	53	61	69	62
d5-Nitrobenzene	%	38		63	57	53	60	66
2-Fluorobiphenyl	%	86		89	80	76	70	110
2,4,6-Tribromophenol	%	75		110	47	66	72	72
d-14-p-Terphenyl	%	100		160	110	98	97	100

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Dewline C5 Sites (Soils)								
Parameter	MDL	C5-050R	C5-052	C5-053	C5-055	C5-056	C5-057	C5-057R
	(mg/kg)							
METALS								
Arsenic	0.1	-	0.4	-	0.5	<	<	
Selenium	0.5	-	<	-	<	<	<	
Mercury	0.05	-	<	0.07	0.33	<	<	
Barium	1	-	36	41	63	29	43	
Beryllium	1	-	<	<	<	<	<	
Cadmium	1	-	<	<	<	<	<	
Chromium	1	-	22	23	36	22	37	
Lead	10	-	42	44	33	<	<	
Nickel	5	-	9	10	14	11	21	
Silver	5	-	<	<	6	<	<	
TPH (as diesel)	5	1600	370	58	<	<	<	
PCB	0.01	0.1	0.12	0.2	3.3	0.26	<	
PESTICIDES/PCB								
Aldrin	1.3		<		<	<	<	<
a-BHC	1.3		<		<	<	<	<
b-BHC	1.3		<		<	<	<	<
g-BHC (Lindane)	1.3		<		<	<	<	<
d-BHC	1.3		<		<	<	<	<
p,p'-DDD	1.3		<		<	<	<	<
p,p'-DDE	1.3		<		<	<	<	<
p,p'-DDT	1.3		<		<	<	<	<
Dieldrin	1.3		<		<	<	<	<
a-Endosulfan	1.3		<		<	<	<	<
b-Endosulfan	1.3		<		<	<	<	<
Endosulfan Sulfate	1.3		<		<	<	<	<
Heptachlor	1.3		<		<	<	<	<
Heptachlor Epoxide	1.3		<		<	<	<	<
VOLATILES								
Cl-Methane	0.011		<		<	<	<	
Vinyl Chloride	0.015		<		<	<	<	
Br-Methane	0.012		<		<	<	<	
Cl-Ethane	0.012		<		<	<	<	
Cl3F3-Methane	0.002		<		<	<	<	
1,1-Cl2-Ethylene	0.002		<		<	<	<	
Methylene Chloride	0.002		<		<	<	<	
trans 1,2-Cl2-Ethylene	0.002		<		<	<	<	
1,1 Cl2-Ethane	0.003		<		<	<	<	
Chloroform	0.002		<		<	<	<	
1,1,1-Cl3-Ethane	0.003		<		<	<	<	
1,2 Cl2-Ethane	0.002		<		<	<	<	
Carbon Tetrachloride	0.002		<		<	<	<	
Benzene	0.001		0.006		0.033	<	<	
1,2-Cl2-Propane	0.003		<		<	<	<	
Cl3-Ethylene	0.002		<		<	<	<	

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Dewline C5 Sites (Soils)								
Parameter	MDL	C5-050R	C5-052	C5-053	C5-055	C5-056	C5-057	C5-057R
BrCl2-Methane	0.002		<		<	<	<	
2-Cl-Ethylvinyl ether	0.014		<		<	<	<	
cis-1,2-Cl2-Propylene	0.003		<		<	<	<	
Toluene	0.002		0.014		0.01	<	<	
trans-1,2-Cl2-Propylene	0.006		<		<	<	<	
1,1,2-Cl3-Ethane	0.003		<		<	<	<	
ClBr2-Methane	0.002		<		<	<	<	
C14-Ethylene	0.001		<		0.003	<	<	
Cl-Benzene	0.003		<		<	<	<	
Ethyl Benzene	0.002		<		0.002	<	<	
Bromoform	0.002		<		<	<	<	
1,1,2,2-Cl4-ethane	0.002		<		<	<	<	
d4-1,2-Dichloroethane	%		100		120	130	100	
d8-Toluene	%		100		110	69	90	
Bromofluorobenzene	%		88		80	130	94	
ACID EXT								
phenol	0.11		<		<	<	<	<
Bis(2-chloroethyl)ether	0.18		<		<	<	<	<
2-Chlorophenol	0.27		<		<	<	<	<
1,3-Dichlorobenzene	0.20		<		<	<	<	<
1,4-Dichlorobenzene	0.20		<		<	<	<	<
1,2-Dichlorobenzene	0.20		<		<	<	<	<
Bis(2-chloroisopropyl)ether	0.15		<		<	<	<	<
Hexachloroethane	0.20		<		<	<	<	<
N-Nitroso-N-Propylamine	0.21		<		<	<	<	<
Nitrobenzene	0.20		<		<	<	<	<
Isophrone	0.40		<		<	<	<	<
2-Nitrophenol	0.14		<		<	<	<	<
2,4-Dimethylphenol	0.17		<		<	<	<	<
Bis(2-chloroethoxy)methane	0.13		<		<	<	<	<
2,4-Dichlorophenol	0.12		<		<	<	<	<
1,2,4-Trichlorobenzene	0.20		<		<	<	<	<
Naphthalene	0.03		<		<	<	<	<
Hexachlorobutadiene	0.20		<		<	<	<	<
4-Chloro-3-Methylphenol	0.14		<		<	<	<	<
Hexachlorocyclopentadiene	0.20		<		<	<	<	<
2,4,6-Trichlorophenol	0.12		<		<	<	<	<
BASE/NEUTRAL								
2-Chloronaphthalene	0.09		<		<	<	<	<
Acenaphthylene	0.04		<		<	<	<	<
Dimethyl phthalate	0.11		<		<	<	<	<
2,6-Dinitrotoluene	0.06		<		<	<	<	<
Acenaphthene	0.07		<		<	<	<	<
2,4-Dinitrophenol	0.48		<		<	<	<	<
2,4-Dinitrotoluene	0.05		<		<	<	<	<
4-Nitrophenol	0.14		<		<	<	<	<

MDL = Method Detection Limit

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Dewline C5 Sites (Soils)								
Parameter	MDL	C5-050R	C5-052	C5-053	C5-055	C5-056	C5-057	C5-057R
Fluorene	0.03		<		<	<	<	<
4-Chlorophenylphenylether	0.09		<		<	<	<	<
Diethyl phthalate	0.11		<		<	<	<	<
4,6-Dinitro-2-methylphenol	0.15		<		<	<	<	<
N-Nitrosodiphenylamine	0.19		<		<	<	<	<
4-Bromophenylphenylether	0.03		<		<	<	<	<
Hexachlorobenzene	0.20		<		<	<	<	<
Pentachlorophenol	0.11		<		<	<	<	<
Phenanthrene	0.03		<		<	<	<	<
Anthracene	0.02		<		<	<	<	<
Di-n-butyl phthalate	0.11		<		<	<	<	<
Fluoranthene	0.02		<		<	<	<	<
Pyrene	0.03		<		<	<	<	<
Benzyl butyl phthalate	0.06		0.11		0.28	<	0.16	0.15
Benzo(a)Anthracene	0.02		<		<	<	<	<
Chrysene	0.03		<		<	<	<	<
Bis(2-ethylhexyl)phthalate	0.14		0.54		0.94	0.21	<	<
Di-n-octyl phthalate	0.11		2.6		0.17	<	<	<
Benzo(b)fluoranthene	0.04		<		<	<	<	<
Benzo(k)fluoranthene	0.04		<		<	<	<	<
Benzo(a)pyrene	0.05		<		<	<	<	<
Ideno(1,2,3-cd)pyrene	0.06		<		<	<	<	<
Dibenzo(a,h)anthracene	0.04		<		<	<	<	<
Benzo(ghi)perylene	0.04		<		<	<	<	<
d5-Phenol	%		56		80	95	59	49
d5-Nitrobenzene	%		65		59	62	46	31
2-Fluorobiphenyl	%		94		79	89	74	62
2,4,6-Tribromophenol	%		71		101	110	66	68
d-14-p-Terphenyl	%		110		126	100	95	95

MDL = Method Detection Limit

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D = Duplicate Sample

Dewline C5 Sites (Soils)			
Parameter	MDL (mg/kg)	C5-058	C5-058R
METALS			
Arsenic	0.1	0.8	
Selenium	0.5	<	
Mercury	0.05	<	
Barium	1	29	
Beryllium	1	<	
Cadmium	1	<	
Chromium	1	22	
Lead	10	<	
Nickel	5	11	
Silver	5	5	
TPH (as diesel)	5	<	
PCB	0.01	<	
PESTICIDES/PCB			
Aldrin	1.3	<	<
a-BHC	1.3	<	<
b-BHC	1.3	<	<
g-BHC (Lindane)	1.3	<	<
d-BHC	1.3	<	<
p,p'-DDD	1.3	<	<
p,p'-DDE	1.3	<	<
p,p'-DDT	1.3	<	<
Dieldrin	1.3	<	<
a-Endosulfan	1.3	<	<
b-Endosulfan	1.3	<	<
Endosulfan Sulfate	1.3	<	<
Heptachlor	1.3	<	<
Heptachlor Epoxide	1.3	<	<
VOLATILES			
Cl-Methane	0.011	<	<
Vinyl Chloride	0.015	<	<
Br-Methane	0.012	<	<
Cl-Ethane	0.012	<	<
Cl3F3-Methane	0.002	<	<
1,1-Cl2-Ethylene	0.002	<	<
Methylene Chloride	0.002	<	<
trans 1,2-Cl2-Ethylene	0.002	<	<
1,1 Cl2-Ethane	0.003	<	<
Chloroform	0.002	<	<
1,1,1-Cl3-Ethane	0.003	<	<
1,2 Cl2-Ethane	0.002	<	<
Carbon Tetrachloride	0.002	<	<
Benzene	0.001	<	<
1,2-Cl2-Propane	0.003	<	<
Cl3-Ethylene	0.002	<	<

MDL = Method Detection Limit

< = below detection limit

R = Replicate Sample

D = Duplicate Sample

Dewline C5 Sites (Soils)			
Parameter	MDL	C5-058	C5-058R
BrCl2-Methane	0.002	<	<
2-Cl-Ethylvinyl ether	0.014	<	<
cis-1,2-Cl2-Propylene	0.003	<	<
Toluene	0.002	<	<
trans-1,2-Cl2-Propylene	0.006	<	<
1,1,2-Cl3-Ethane	0.003	<	<
ClBr2-Methane	0.002	<	<
C14-Ethylene	0.001	<	<
Cl-Benzene	0.003	<	<
Ethyl Benzene	0.002	<	<
Bromoform	0.002	<	<
1,1,2,2-Cl4-ethane	0.002	<	<
d4-1,2-Dichloroethane	%	100	<
d8-Toluene	%	98	<
Bromofluorobenzene	%	85	<
ACID EXT			
phenol	0.11	<	<
Bis(2-chloroethyl)ether	0.18	<	<
2-Chlorophenol	0.27	<	<
1,3-Dichlorobenzene	0.20	<	<
1,4-Dichlorobenzene	0.20	<	<
1,2-Dichlorobenzene	0.20	<	<
Bis(2-chloroisopropyl)ether	0.15	<	<
Hexachloroethane	0.20	<	<
N-Nitroso-N-Propylamine	0.21	<	<
Nitrobenzene	0.20	<	<
Isophrone	0.40	<	<
2-Nitrophenol	0.14	<	<
2,4-Dimethylphenol	0.17	<	<
Bis(2-chloroethoxy)methane	0.13	<	<
2,4-Dichlorophenol	0.12	<	<
1,2,4-Trichlorobenzene	0.20	<	<
Naphthalene	0.03	<	<
Hexachlorobutadiene	0.20	<	<
4-Chloro-3-Methylphenol	0.14	<	<
Hexachlorocyclopentadiene	0.20	<	<
2,4,6-Trichlorophenol	0.12	<	<
BASE/NEUTRAL			
2-Chloronaphthalene	0.09	<	<
Acenaphthylene	0.04	<	<
Dimethyl phthalate	0.11	<	<
2,6-Dinitrotoluene	0.06	<	<
Acenaphthene	0.07	<	<
2,4-Dinitrophenol	0.48	<	<
2,4-Dinitrotoluene	0.05	<	<
4-Nitrophenol	0.14	<	<

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Dewline C5 Sites (Soils)			
Parameter	MDL	C5-058	C5-058R
Fluorene	0.03	<	<
4-Chlorophenylphenylether	0.09	<	<
Diethyl phthalate	0.11	<	<
4,6-Dinitro-2-methylphenol	0.15	<	<
N-Nitrosodiphenylamine	0.19	<	<
4-Bromophenylphenylether	0.03	<	<
Hexachlorobenzene	0.20	<	<
Pentachlorophenol	0.11	<	<
Phenanthrene	0.03	<	<
Anthracene	0.02	<	<
Di-n-butyl phthalate	0.11	<	<
Fluoranthene	0.02	<	<
Pyrene	0.03	<	<
Benzyl butyl phthalate	0.06	0.18	<
Benzo(a)Anthracene	0.02	<	<
Chrysene	0.03	<	<
Bis(2-ethylhexyl)phthalate	0.14	<	<
Di-n-octyl phthalate	0.11	<	<
Benzo(b)fluoranthene	0.04	<	<
Benzo(k)fluoranthene	0.04	<	<
Benzo(a)pyrene	0.05	<	<
Ideno(1,2,3-cd)pyrene	0.06	<	<
Dibenzo(a,h)anthracene	0.04	<	<
Benzo(ghi)perylene	0.04	<	<
d5-Phenol	%	75	63
d5-Nitrobenzene	%	59	39
2-Fluorobiphenyl	%	86	68
2,4,6-Tribromophenol	%	81	72
d-14-p-Terphenyl	%	97	92

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