

**Table 2-1
Media Cleanup Standards: Future Commercial/Industrial Land Use
The Sherwin-Williams Company
Chicago, Illinois**

Chemical	Trespasser/Site Visitor (adolescent)				Industrial/Commercial (adult)				Construction Worker (adult)				Subsurface Vapor Intrusion into Buildings					Proposed Cleanup Objectives		
	Non-cancer Endpoint ¹	Units	Cancer Endpoint ¹	Units	Non-cancer Endpoint ¹	Units	Cancer Endpoint ¹	Units	Non-cancer Endpoint ¹	Units	Cancer Endpoint ¹	Units	Loam	Units	Sand	Units	Clay	Units	Concentration	Units
Organic Compounds																				
Benzene	64,760	µg/kg	88,970	µg/kg	24,102	µg/kg	14,580	µg/kg	194,300	µg/kg	2,857,000	µg/kg	1390	µg/kg	63.5	µg/kg	924	µg/kg	63.5	µg/kg
Acetophenone	NA		NA		1,602	µg/kg	NA		NA		NA		NDA					1,602	µg/kg	
Benzo(a)anthracene	NA		181,800	µg/kg	NA		33,790	µg/kg	NA		NA		NOC					33,790	µg/kg	
Benzo(a)pyrene	NA		18,180	µg/kg	NA		3,379	µg/kg	NA		149,600	µg/kg	NOC					3,379	µg/kg	
Benzo(b)fluoranthene	NA		181,800	µg/kg	NA		33,790	µg/kg	NA		NA		NOC					33,790	µg/kg	
Benzo(k)fluoranthene	NA		NA		NA		337,910	µg/kg	NA		NA		NOC					337,910	µg/kg	
Dibenzo(a,h)anthracene	NA		18,180	µg/kg	NA		3,379	µg/kg	NA		NA		NOC					3,379	µg/kg	
Indeno(1,2,3-cd)pyrene	NA		181,821	µg/kg	NA		33,790	µg/kg	NA		NA		NOC					33,790	µg/kg	
Naphthalene ²	NA		NA		270,000	µg/kg	NA		NA		NA		NOC					270,000	µg/kg	
2-Methylnaphthalene ³	NA		NA		270,000	µg/kg	NA		NA		NA		NDA					270,000	µg/kg	
Aroclor-1254	NA		NA		NA		12,332	µg/kg	NA		NA		NDA					12,332	µg/kg	
Aniline	---		---		NA		4,327,000	µg/kg	NA		NA		NA					4,327,000	µg/kg	
1,4-Dichlorobenzene	---		---		NA		78,120	µg/kg	NA		NA		NA					78,120	µg/kg	
Toluene	---		---		NA		NA		NA		NA	249,000	µg/kg	11,400	µg/kg	166,000	µg/kg	11,400	µg/kg	
Ethylbenzene	---		---		NA		NA		NA		NA	158,000	µg/kg	42,000	µg/kg	158,000	µg/kg	42,000	µg/kg	
Xylene	---		---		NA		NA		NA		NA	165,000	µg/kg	165,000	µg/kg	165,000	µg/kg	165,000	µg/kg	
Trichloroethylene	---		---		NA		NA		NA		NA	5,990	µg/kg	275	µg/kg	3,990	µg/kg	275	µg/kg	
Tetrachloroethene	---		---		NA		NA		NA		NA	10,500	µg/kg	484	µg/kg	7,020	µg/kg	484	µg/kg	
TCDD	---		---		NA		0.1644	µg/kg	NA		NA		NOC					0.1644	µg/kg	
PeCDD	---		---		NA		0.3289	µg/kg	NA		NA		NOC					0.3289	µg/kg	
OCDD	---		---		NA		164.4	µg/kg	NA		NA		NOC					164.4	µg/kg	
HxCDF	---		---		NA		1.644	µg/kg	NA		NA		NOC					1.644	µg/kg	
HxCDD	---		---		NA		3.978	µg/kg	NA		NA		NOC					3.978	µg/kg	
HpCDF	---		---		NA		16.44	µg/kg	NA		NA		NOC					16.44	µg/kg	
HpCDD	---		---		NA		16.44	µg/kg	NA		NA		NOC					16.44	µg/kg	
Inorganics																				
Arsenic	966.3	mg/kg	113	mg/kg	542	mg/kg	33.6	mg/kg	525.1	mg/kg	817	mg/kg	NA					33.6	mg/kg	
Chromium	NA		NA		NA		612	mg/kg	NA		NA		NA					612	mg/kg	
Lead	NA		NA		888	mg/kg	NA		NA		NA		NA					888	mg/kg	

█ – Most Stringent Cleanup Standard

NA – Not applicable; Hazard Quotient was <1 and cancer risk was <1E-06 for this constituent.

NOC – Not of Concern. The contaminant is a solid at the soil temperature and is not of concern for this exposure pathway.

¹ Non-cancer endpoint based on Hazard Quotient equals 1; cancer endpoint based on target risk level of 1E-05.

Media Cleanup Standard (MCS) is the Tier 1 soil remediation objective for the inhalation exposure route from 35 Illinois Administrative Code 742 (Tiered Approach to Corrective Action Objectives); construction worker

objectives are not presented because appropriate worker safety precautions will be employed to be protective of a construction worker.

³ MCS for naphthalene is used as the proxy MCS for 2-methylnaphthalene.

µg/kg – micrograms per kilogram

mg/kg – milligrams per kilogram

NDA – No Data Available.

--- – Receptor group not of concern for this constituent.

**Table 2-2
Media Cleanup Standards: Future Recreational and/or Commercial/Industrial Land Use
The Sherwin-Williams Company
Chicago, Illinois**

Chemical	Trespasser/Site Visitor (adolescent)				Recreational (Child)				Industrial/Commercial (adult)				Construction Worker (adult)				Subsurface Vapor Intrusion into Buildings					Proposed Cleanup Objectives		
	Non-cancer Endpoint ¹	Units	Cancer Endpoint ¹	Units	Non-cancer Endpoint ¹	Units	Cancer Endpoint ¹	Units	Non-cancer Endpoint ¹	Units	Cancer Endpoint ¹	Units	Non-cancer Endpoint ¹	Units	Cancer Endpoint ¹	Units	Loam	Units	Sand	Units	Clay	Units	Concentration	Units
Organic Compounds																								
Benzene	64,760	µg/kg	88,970	µg/kg	--		350,000	µg/kg	24,102	µg/kg	14,580	µg/kg	194,300	µg/kg	2,857,000	µg/kg	1390	µg/kg	63.5	µg/kg	924	µg/kg	63.5	µg/kg
Acetophenone	NA		NA		45,600,000	µg/kg	--		1,602	µg/kg	NA		NA		NA							NDA	1,602	µg/kg
Benzo(a)anthracene	NA		181,800	µg/kg	--		72,900	µg/kg	NA		33,790	µg/kg	NA		NA							NOC	33,790	µg/kg
Benzo(a)pyrene	NA		18,180	µg/kg	--		7,290	µg/kg	NA		3,379	µg/kg	NA		149,600	µg/kg						NOC	3,379	µg/kg
Benzo(b)fluoranthene	NA		181,800	µg/kg	--		72,900	µg/kg	NA		33,790	µg/kg	NA		NA							NOC	33,790	µg/kg
Benzo(k)fluoranthene	NA		NA		--		729,000	µg/kg	NA		337,910	µg/kg	NA		NA							NOC	337,910	µg/kg
Dibenzo(a,h)anthracene	NA		18,180	µg/kg	--		7,290	µg/kg	NA		3,379	µg/kg	NA		NA							NOC	3,379	µg/kg
Indeno(1,2,3-cd)pyrene	NA		181,821	µg/kg	--		72,900	µg/kg	NA		33,790	µg/kg	NA		NA							NOC	33,790	µg/kg
Naphthalene ²	NA		NA		1,400,000	µg/kg	--		270,000	µg/kg	NA		NA		NA							NOC	270,000	µg/kg
2-Methylnaphthalene ³	NA		NA		1,400,000	µg/kg	--		270,000	µg/kg	NA		NA		NA							NDA	270,000	µg/kg
Aroclor-1254	NA		NA		9,130	µg/kg	26,600	µg/kg	NA		12,332	µg/kg	NA		NA							NDA	9,130	µg/kg
Aniline	---		---		820,000	µg/kg	--		NA		4,327,000	µg/kg	NA		NA							NA	820,000	µg/kg
1,4-Dichlorobenzene	---		---		--		2,220,000	µg/kg	NA		78,120	µg/kg	NA		NA							NA	78,120	µg/kg
Toluene	---		---		14,000,000	µg/kg	--		NA		NA		NA		NA		249,000	µg/kg	11,400	µg/kg	166,000	µg/kg	11,400	µg/kg
Ethylbenzene	---		---		45,600,000	µg/kg	--		NA		NA		NA		NA		158,000	µg/kg	42,000	µg/kg	158,000	µg/kg	42,000	µg/kg
Xylene	---		---		5,800,000	µg/kg	--		NA		NA		NA		NA		165,000	µg/kg	165,000	µg/kg	165,000	µg/kg	165,000	µg/kg
Trichloroethylene	---		---		--		30,000	µg/kg	NA		NA		NA		NA		5,990	µg/kg	275	µg/kg	3,990	µg/kg	275	µg/kg
Tetrachloroethene	---		---		--		1,020,000	µg/kg	NA		NA		NA		NA		10,500	µg/kg	484	µg/kg	7,020	µg/kg	484	µg/kg
TCDD	---		---		--		0.355	µg/kg	NA		0.1644	µg/kg	NA		NA							NOC	0.1644	µg/kg
PeCDD	---		---		--		0.71	µg/kg	NA		0.3289	µg/kg	NA		NA							NOC	0.3289	µg/kg
OCDD	---		---		--		355	µg/kg	NA		164.4	µg/kg	NA		NA							NOC	164.4	µg/kg
HxCDF	---		---		--		3.55	µg/kg	NA		1.644	µg/kg	NA		NA							NOC	1.644	µg/kg
HxCDD	---		---		--		8.59	µg/kg	NA		3.978	µg/kg	NA		NA							NOC	3.978	µg/kg
HpCDF	---		---		--		35.5	µg/kg	NA		16.44	µg/kg	NA		NA							NOC	16.44	µg/kg
HpCDD	---		---		--		35.5	µg/kg	NA		16.44	µg/kg	NA		NA							NOC	16.44	µg/kg
Inorganics																								
Arsenic	966.3	mg/kg	113	mg/kg	137	mg/kg	35.5	mg/kg	542	mg/kg	33.6	mg/kg	525.1	mg/kg	817	mg/kg						NA	33.6	mg/kg
Chromium	NA		NA		1,370	mg/kg	--		NA		612	mg/kg	NA		NA							NA	612	mg/kg
Lead	NA		NA		NA		NA		888	mg/kg	NA		NA		NA							NA	888	mg/kg

-- Most Stringent Cleanup Standard
 NA -- Not applicable; Hazard Quotient was <1 and cancer risk was <1E-06 for this constituent.
 NOC -- Not of Concern. The contaminant is a solid at the soil temperature and is not of concern for this exposure pathway.
¹ Non-cancer endpoint based on Hazard Quotient equals 1; cancer endpoint based on target risk level of 1E-05. ---
² Illinois Administrative Code 742 (Tiered Approach to Corrective Action Objectives); construction worker
³ MCS for naphthalene is used as the proxy MCS for 2-methylnaphthalene.
 µg/kg -- micrograms per kilogram
 mg/kg -- milligrams per kilogram
 NDA -- No Data Available
 --- -- Receptor group not of concern for this constituent.

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB101		LND-SB102		LND-SB103		LND-SB104	
	Field Sample ID	CHLND-SB101-001-5-1		CHLND-SB102-001-5-1		CHLND-SB103-001-5-1		CHLND-SB104-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 METALS									
Antimony, Total (mg/kg)	--	2.3	U	2.3	U	1	J	1.8	J
Arsenic, Total (mg/kg)	33.6	12		14		18		12	
Barium, Total (mg/kg)	--	11000		990		1700		240	
Beryllium, Total (mg/kg)	--	1.6		0.6		0.57		0.28	J
Cadmium, Total (mg/kg)	--	4.5		1.9		4.7		0.46	
Chromium, Total (mg/kg)	612	120		190		54		14	
Cobalt, Total (mg/kg)	--	6.3		12		6.1		4.1	
Copper, Total (mg/kg)	--	68		120		130		46	
Lead, Total (mg/kg)	888	560		480		1800		180	
Nickel, Total (mg/kg)	--	21		87		25		12	
Selenium, Total (mg/kg)	--	2		0.89	J	1.5		1.2	
Silver, Total (mg/kg)	--	0.47	J	0.4	J	0.42	J	0.19	J
Thallium, Total (mg/kg)	--	5.7	U	2.3	U	1.1	U	1	U
Tin, Total (mg/kg)	--	78		15		490		7.8	
Vanadium, Total (mg/kg)	--	31		29		21		17	
Zinc, Total (mg/kg)	--	450		390		760		170	
A9 METALS TCLP									
Antimony, TCLP (mg/l)	--	0.0055	J	0.006	U	0.006	U	0.006	U
Arsenic, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.05	U
Barium, TCLP (mg/l)	100	3.5		2		2.4		2.2	
Beryllium, TCLP (mg/l)	--	0.004	J	0.004	U	0.004	U	0.004	U
Cadmium, TCLP (mg/l)	1	0.027	J	0.038	J	0.048	J	0.004	J
Chromium, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.05	U
Cobalt, TCLP (mg/l)	--	0.011	J	0.05	U	0.03	J	0.05	U
Copper, TCLP (mg/l)	--	0.015	J	0.061		0.014	J	0.011	J
Lead, TCLP (mg/l)	5	0.23	J	0.082		0.98	J	0.031	J
Nickel, TCLP (mg/l)	--	0.036	J	0.05	J	0.048	J	0.014	J
Selenium, TCLP (mg/l)	1	0.05	J	0.05	U	0.05	U	0.05	U
Silver, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.05	U
Thallium, TCLP (mg/l)	--	0.002	UJ	0.002	UJ	0.002	UJ	0.002	UJ
Tin, TCLP (mg/l)	--	0.1	U	0.1	U	0.1	U	0.1	U
Vanadium, TCLP (mg/l)	--	0.046		0.053		0.028	J	0.04	U
Zinc, TCLP (mg/l)	--	1.2	J	4.6	J	2.7	J	0.36	

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 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB101		LND-SB102		LND-SB103		LND-SB104	
	Field Sample ID	CHLND-SB101-001-5-1		CHLND-SB102-001-5-1		CHLND-SB103-001-5-1		CHLND-SB104-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC									
1,2,4,5-Tetrachlorobenzene (µg/kg)	--	2000	U	930	U	960	U	190	U
1,2,4-Trichlorobenzene (µg/kg)	--	2000	U	930	U	960	U	190	U
1,2-Dichlorobenzene (µg/kg)	--	2000	U	930	U	960	U	190	U
1,2-Diphenylhydrazine (µg/kg)	--	2000	U	930	U	960	U	190	U
1,3,5-Trinitrobenzene (µg/kg)	--	480	U	220	U	230	U	45	U
1,3-Dichlorobenzene (µg/kg)	--	2000	U	930	U	960	U	190	U
1,3-Dinitrobenzene (µg/kg)	--	240	U	110	U	110	U	22	U
1,4-Dichlorobenzene (µg/kg)	78120	2000	U	930	U	960	U	190	U
1,4-Dioxane (P-Dioxane) (µg/kg)	--	1200	U	560	U	570	U	110	U
1,4-Naphthoquinone (µg/kg)	--	8000	U	3700	U	3800	U	750	U
1-Naphthylamine (µg/kg)	--	8000	U	3700	U	3800	U	750	U
2,2-Oxybis (1-Chloropropane) (µg/kg)	--	2000	U	930	U	960	U	190	U
2,3,4,6-Tetrachlorophenol (µg/kg)	--	120	U	56	U	57	U	11	U
2,4,5-Trichlorophenol (µg/kg)	--	3900	U	1800	U	1900	U	370	U
2,4,6-Trichlorophenol (µg/kg)	--	3900	U	1800	U	1900	U	370	U
2,4-Dichlorophenol (µg/kg)	--	3900	U	1800	U	1900	U	370	U
2,4-Dimethylphenol (µg/kg)	--	3900	U	1800	U	1900	U	370	U
2,4-Dinitrophenol (µg/kg)	--	8000	U	3700	U	3800	U	750	U
2,4-Dinitrotoluene (µg/kg)	--	2000	U	930	U	960	U	190	U
2,6-Dichlorophenol (µg/kg)	--	2000	U	930	U	960	U	190	U
2,6-Dinitrotoluene (µg/kg)	--	2000	U	930	U	960	U	190	U
2-Aminonaphthalene (µg/kg)	--	8000	U	3700	U	3800	U	750	U
2-Chloronaphthalene (µg/kg)	--	2000	U	930	U	960	U	190	U
2-Chlorophenol (µg/kg)	--	2000	U	930	U	960	U	190	U
2-Methylnaphthalene (µg/kg)	270000	2000	U	340 J		270 J		54 J	
2-Nitroaniline (µg/kg)	--	2000	U	930	U	960	U	190	U
2-Nitrophenol (µg/kg)	--	3900	U	1800	U	1900	U	370	U
2-Picoline (Alpha-Picoline) (µg/kg)	--	8000	U	3700	U	3800	U	750	U
3,3'-Dichlorobenzidine (µg/kg)	--	2000	U	930	U	960	U	190	U
3,3'-Dimethylbenzidine (µg/kg)	--	8000	U	3700	U	3800	U	750	U
3-And/Or 4-Methylphenol (µg/kg)	--	2000	U	930	U	960	U	190	U
3-Methylcholanthrene (µg/kg)	--	2000	U	930	U	960	U	190	U
3-Nitroaniline (µg/kg)	--	3900	U	1800	U	1900	U	370	U
4,6-Dinitro-2-Methylphenol (µg/kg)	--	3900	U	1800	U	1900	U	370	U
4-Aminobiphenyl (µg/kg)	--	3900	U	1800	U	1900	U	370	U
4-Bromophenyl Phenyl Ether (µg/kg)	--	2000	U	930	U	960	U	190	U
4-Chloroaniline (µg/kg)	--	8000	U	3700	U	3800	U	750	U
4-Chloro-M-Cresol (µg/kg)	--	3900	U	1800	U	1900	U	370	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB101		LND-SB102		LND-SB103		LND-SB104	
	Field Sample ID	CHLND-SB101-001-5-1		CHLND-SB102-001-5-1		CHLND-SB103-001-5-1		CHLND-SB104-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC (Continued)									
4-Chlorophenylphenyl Ether (µg/kg)	--	2000	U	930	U	960	U	190	U
4-Nitroaniline (µg/kg)	--	3900	U	1800	U	1900	U	370	U
4-Nitrophenol (µg/kg)	--	8000	U	3700	U	3800	U	750	U
4-Nitroquinoline-1-Oxide (µg/kg)	--	590	U	280	U	290	U	56	U
4-Nitroquinoline-N-Oxide (µg/kg)	--	2000	U	930	U	960	U	190	U
5-Nitro-O-Toluidine (µg/kg)	--	240	U	110	U	110	U	22	U
A,A-Dimethylphenethylamine (µg/kg)	--	590	U	280	U	290	U	56	U
Acenaphthene (µg/kg)	--	590		870		210		25	J
Acenaphthylene (µg/kg)	--	820		390		340		24	J
Acetophenone (µg/kg)	1602	240	U	110	U	110	U	22	U
Aniline (µg/kg)	4327000	8000	U	3700	U	3800	U	750	U
Anthracene (µg/kg)	--	2400		2900		970		74	
Aramite (µg/kg)	--	240	U	110	U	110	U	22	U
Benzo(A)Anthracene (µg/kg)	33790	5200		7500		3900		370	
Benzo(A)Pyrene (µg/kg)	3379	5100		7700		4800		470	
Benzo(B)Fluoranthene (µg/kg)	33790	4900		8400		5900		560	
Benzo(G,H,I)Perylene (µg/kg)	--	3500		5300		3700		350	
Benzo(K)Fluoranthene (µg/kg)	337910	3000		5900		2600		320	
Benzyl Alcohol (µg/kg)	--	3900	U	1800	U	1900	U	370	U
bis (2-Chloroethoxy) Methane (µg/kg)	--	2000	U	930	U	960	U	190	U
bis (2-Chloroethyl) Ether (µg/kg)	--	2000	U	930	U	960	U	190	U
bis (2-Ethylhexyl) Phthalate (µg/kg)	--	2000	U	930	U	960	U	190	U
Butylbenzylphthalate (µg/kg)	--	2000	U	930	U	960	U	190	U
Chlorobenzilate (µg/kg)	--	2000	U	930	U	960	U	190	U
Chrysene (µg/kg)	--	5700		8100		5200		540	
Cresol (Ortho) (µg/kg)	--	2000	U	930	U	960	U	190	U
Diallate (µg/kg)	--	3900	U	1800	U	1900	U	370	U
Dibenzo(A,H)Anthracene (µg/kg)	3379	800		2200		1300		140	
Dibenzofuran (µg/kg)	--	380	J	560	J	240	J	190	U
Diethyl Phthalate (µg/kg)	--	2000	U	930	U	960	U	190	U
Dimethyl Phthalate (µg/kg)	--	2000	U	930	U	960	U	190	U
Dimethylbenz(A)Anthracene (µg/kg)	--	240	U	110	U	110	U	22	U
Di-N-Butyl Phthalate (µg/kg)	--	2000	U	930	U	1500		190	U
Di-N-Octyl Phthalate (µg/kg)	--	2000	U	930	U	960	U	190	U
Dinoseb (µg/kg)	--	240	U	110	U	110	U	22	U
Diphenylamine (µg/kg)	--	240	U	110	U	110	U	22	U
Ethyl Methane Sulfonate (µg/kg)	--	2000	U	930	U	960	U	190	U
Fluoranthene (µg/kg)	--	9600		13000		6800		630	
Fluorene (µg/kg)	--	870		1000		380		25	J

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB101		LND-SB102		LND-SB103		LND-SB104	
	Field Sample ID	CHLND-SB101-001-5-1		CHLND-SB102-001-5-1		CHLND-SB103-001-5-1		CHLND-SB104-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC (Continued)									
Hexachlorobenzene (µg/kg)	--	800	U	370	U	380	U	75	U
Hexachlorobutadiene (µg/kg)	--	2000	U	930	U	960	U	190	U
Hexachlorocyclopentadiene (µg/kg)	--	8000	U	3700	U	3800	U	750	U
Hexachloroethane (µg/kg)	--	2000	U	930	U	960	U	190	U
Hexachlorophene (µg/kg)	--	1800	U	840	U	860	U	170	U
Hexachloropropene (µg/kg)	--	2000	U	930	U	960	U	190	U
Indeno(1,2,3-Cd)Pyrene (µg/kg)	33790	2900		4600		3100		300	
Isophorone (µg/kg)	--	2000	U	930	U	960	U	190	U
Isosafrole (µg/kg)	--	2000	U	930	U	960	U	190	U
Methapyrilene (µg/kg)	--	590	U	280	U	290	U	56	U
Methyl Methane Sulfonate (µg/kg)	--	3900	U	1800	U	1900	U	370	U
Naphthalene (µg/kg)	270000	330	J	330		360		38	
Nitrobenzene (µg/kg)	--	390	U	180	U	190	U	37	U
Nitrosomethylethylamine (µg/kg)	--	3900	U	1800	U	1900	U	370	U
N-Nitrosodiethylamine (µg/kg)	--	3900	U	1800	U	1900	U	370	U
N-Nitrosodimethylamine (µg/kg)	--	3900	U	1800	U	1900	U	370	U
N-Nitroso-Di-N-Butylamine (µg/kg)	--	2000	U	930	U	960	U	190	U
N-Nitroso-Di-N-Propylamine (µg/kg)	--	2000	U	930	U	960	U	190	U
N-Nitrosodiphenylamine (µg/kg)	--	2000	U	930	U	960	U	190	U
N-Nitrosomorpholine (µg/kg)	--	240	U	110	U	110	U	22	U
N-Nitrosopiperidine (µg/kg)	--	3900	U	1800	U	1900	U	370	U
N-Nitrosopyrrolidine (µg/kg)	--	590	U	280	U	290	U	56	U
O-Toluidine (µg/kg)	--	2000	U	930	U	960	U	190	U
P-Dimethylaminoazobenzene (µg/kg)	--	2000	U	930	U	960	U	190	U
Pentachlorobenzene (µg/kg)	--	2000	U	930	U	960	U	190	U
Pentachloronitrobenzene (µg/kg)	--	240	U	110	U	110	U	22	U
Pentachlorophenol (µg/kg)	--	8000	U	3700	U	3800	U	750	U
Phenacetin (µg/kg)	--	3900	U	1800	U	1900	U	370	U
Phenanthrene (µg/kg)	--	6200		10000		3800		390	
Phenol (µg/kg)	--	2000	U	930	U	960	U	190	U
P-Phenylenediamine (µg/kg)	--	1200	U	560	U	570	U	110	U
Pronamide (µg/kg)	--	2000	U	930	U	960	U	190	U
Pyrene (µg/kg)	--	8400		14000		6300		680	
Pyridine (µg/kg)	--	8000	U	3700	U	3800	U	750	U
Safrole (µg/kg)	--	2000	U	930	U	960	U	190	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB101		LND-SB102		LND-SB103		LND-SB104	
	Field Sample ID	CHLND-SB101-001-5-1		CHLND-SB102-001-5-1		CHLND-SB103-001-5-1		CHLND-SB104-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC TCLP									
1,4-Dichlorobenzene, TCLP (µg/L)	7500	100	U	100	U	100	U	100	U
2,4,5-Trichlorophenol, TCLP (µg/L)	400000	500	U	500	U	500	U	500	U
2,4,6-Trichlorophenol, TCLP (µg/L)	2000	100	U	100	U	100	U	100	U
2,4-Dinitrotoluene, TCLP (µg/L)	130	100	U	100	U	100	U	100	U
2-Methylphenol, TCLP (µg/L)	200000	100	U	100	U	100	U	100	U
Hexachlorobenzene, TCLP (µg/L)	100	100	U	100	U	100	U	100	U
Hexachlorobutadiene, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Hexachloroethane, TCLP (µg/L)	3000	100	U	100	U	100	U	100	U
M/P-Cresol, TCLP (µg/L)	200000	100	U	100	U	100	U	100	U
Nitrobenzene, TCLP (µg/L)	2000	100	U	100	U	100	U	100	U
Pentachlorophenol, TCLP (µg/L)	100000	500	U	500	U	500	U	500	U
Pyridine, TCLP (µg/L)	5000	200	U	200	U	200	U	200	U
A9 VOA									
1,1,1,2-Tetrachloroethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,1,1-Trichloroethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,1,2,2-Tetrachloroethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,1,2-Trichloroethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,1-Dichloroethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,1-Dichloroethene (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,2,3-Trichloropropane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,2-Dibromo-3-Chloropropane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,2-Dibromoethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,2-Dichloroethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
1,2-Dichloropropane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
2-Butanone (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
2-Chloro-1,3-Butadiene (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
2-Hexanone (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
3-Chloropropene (µg/kg)	--	9.5	U	9.8	U	9.7	U	10	U
4-Methyl-2-Pentanone (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Acetone (µg/kg)	--	12	J	4.9	U	4.8	U	5.2	U
Acetonitrile (µg/kg)	--	38	U	39	U	39	U	42	U
Acrolein (µg/kg)	--	190	U	200	U	190	U	210	U
Acrylonitrile (µg/kg)	--	38	U	39	U	39	U	42	U
Benzene (µg/kg)	63.5	4.8	U	4.9	U	4.8	U	5.2	U
Bromodichloromethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Bromoform (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Bromomethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Carbon Disulfide (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Carbon Tetrachloride (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U

**Table 4-1
Predesign Landscape Sampling Results
The Sherwin-Williams Company
Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB101		LND-SB102		LND-SB103		LND-SB104	
	Field Sample ID	CHLND-SB101-001-5-1		CHLND-SB102-001-5-1		CHLND-SB103-001-5-1		CHLND-SB104-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 VOA (Continued)									
Chlorobenzene (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Chloroethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Chloroform (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Chloromethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Cis-1,3-Dichloropropene (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Dibromochloromethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Dibromomethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Dichlorodifluoromethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Ethylbenzene (µg/kg)	42000	4.8	U	4.9	U	4.8	U	5.2	U
Ethylmethacrylate (µg/kg)	--	9.5	U	9.8	U	9.7	U	10	U
Iodomethane (Methyl Iodide) (µg/kg)	--	9.5	U	9.8	U	9.7	U	10	U
Isobutanol (µg/kg)	--	380	U	390	U	390	U	420	U
Methylacrylonitrile (µg/kg)	--	9.5	U	9.8	U	9.7	U	10	U
Methylene Chloride (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Methylmethacrylate (µg/kg)	--	9.5	U	9.8	U	9.7	U	10	U
Pentachloroethane (µg/kg)	--	9.5	U	9.8	U	9.7	U	10	U
Propane Nitrile (Propionitrile) (µg/kg)	--	38	U	39	U	39	U	42	U
Styrene (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Tetrachloroethene (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Toluene (µg/kg)	11400	4.8	U	4.9	U	4.8	U	5.2	U
Trans-1,2-Dichloroethene (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Trans-1,3-Dichloropropene (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Trans-1,4-Dichloro-2-Butene (µg/kg)	--	9.5	U	9.8	U	9.7	U	10	U
Trichloroethene (µg/kg)	275	4.8	U	4.9	U	4.8	U	5.2	U
Trichlorofluoromethane (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Vinyl Acetate (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Vinyl Chloride (µg/kg)	--	4.8	U	4.9	U	4.8	U	5.2	U
Xylenes (Total) (µg/kg)	165000	4.8	U	4.9	U	4.8	U	5.2	U
FLASHPOINT									
Ignitability (Flashpoint) (degrees)	140	200	>	200	>	200	>	200	>
GENCHEM									
Corrosivity (pH)	--	7.8		8.5		8.4		8.4	
Paint Filter Test (ml/100g)	0	0		0		0		0	
Phenolics, Total Recoverable (mg/kg)	--	0.58	U	0.51	U	0.58	U	0.46	U
Hg									
Mercury, Total (mg/kg)	--	0.047		0.021		0.058		0.2	
Hg TCLP									
Mercury, TCLP (mg/l)	0.2	0.002	U	0.002	J	0.002	U	0.002	J

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB101		LND-SB102		LND-SB103		LND-SB104	
	Field Sample ID	CHLND-SB101-001-5-1		CHLND-SB102-001-5-1		CHLND-SB103-001-5-1		CHLND-SB104-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
PCB									
Aroclor-1016 (µg/kg)	--	20	U	99	U	19	U	19	U
Aroclor-1221 (µg/kg)	--	20	U	99	U	19	U	19	U
Aroclor-1232 (µg/kg)	--	20	U	99	U	19	U	19	U
Aroclor-1242 (µg/kg)	--	20	U	99	U	19	U	19	U
Aroclor-1248 (µg/kg)	--	20	U	99	U	19	U	19	U
Aroclor-1254 (µg/kg)	12332	20	U	99	U	19	U	19	U
Aroclor-1260 (µg/kg)	--	20	U	99	U	19	U	19	U
Total Pcb (µg/kg)	--	20	U	99	U	19	U	19	U
PEST/PCB									
4,4-DDD (µg/kg)	--	82	J	340	J	20	U	1.9	U
4,4-DDE (µg/kg)	--	20	U	140	J	20	U	1.9	U
4,4-DDT (µg/kg)	--	26	J	440	J	12	J	1.9	U
Aldrin (µg/kg)	--	20	U	20	U	20	U	1.9	U
Alpha-Bhc (µg/kg)	--	20	U	20	U	20	U	1.9	U
Alpha-Chlordane (µg/kg)	--	20	U	20	U	20	U	1.9	U
Beta-Bhc (µg/kg)	--	20	U	20	U	20	U	1.9	U
Delta-Bhc (µg/kg)	--	20	U	20	U	20	U	1.9	U
Dieldrin (µg/kg)	--	20	U	20	U	20	U	1.9	U
Endosulfan I (µg/kg)	--	20	U	20	U	20	U	1.9	U
Endosulfan II (µg/kg)	--	20	U	20	U	20	U	1.9	U
Endosulfan Sulfate (µg/kg)	--	20	U	20	U	20	U	1.9	U
Endrin (µg/kg)	--	20	U	20	U	20	U	1.9	U
Endrin Aldehyde (µg/kg)	--	20	U	20	U	20	U	1.9	U
Endrin Ketone (µg/kg)	--	20	U	20	U	20	U	1.9	U
Gamma-Bhc (Lindane) (µg/kg)	--	20	U	20	U	20	U	1.9	U
Gamma-Chlordane (µg/kg)	--	20	U	20	U	20	U	1.9	U
Heptachlor (µg/kg)	--	20	U	20	U	20	U	1.9	U
Heptachlor Epoxide (µg/kg)	--	20	U	45	J	20	U	1.9	U
Methoxychlor (µg/kg)	--	99	U	98	U	96	U	9.2	U
Toxaphene (µg/kg)	--	200	U	200	U	190	U	19	U
REACTIVE CYANIDE									
Reactivity, Cyanide (mg/kg)	250	9.3	J	2.1		2.4	U	2	
REACTIVE SULFIDE									
Reactivity, Sulfide (mg/kg)	500	230	UJ	240	U	250	U	220	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB101		LND-SB102		LND-SB103		LND-SB104	
	Field Sample ID	CHLND-SB101-001-5-1		CHLND-SB102-001-5-1		CHLND-SB103-001-5-1		CHLND-SB104-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
TCLP OPP									
2,4,5-Tr (Silvex), TCLP (µg/L)	1000	10	U	10	U	10	U	10	U
2,4-D, TCLP (µg/L)	10000	100	U	100	U	100	U	100	U
Chlordane, TCLP (µg/L)	30	10	U	10	U	10	U	10	U
Endrin, TCLP (µg/L)	20	5	U	5	U	5	U	5	U
Gamma-Bhc (Lindane), TCLP (µg/L)	400	5	U	5	U	5	U	5	U
Heptachlor Epoxide, TCLP (µg/L)	8	5	U	5	U	5	U	5	U
Heptachlor, TCLP (µg/L)	8	5	U	5	U	5	U	5	U
Methoxychlor, TCLP (µg/L)	10000	10	U	10	U	10	U	10	U
Toxaphene, TCLP (µg/L)	500	50	U	50	U	50	U	50	U
TCLP VOA									
1,1-Dichloroethene, TCLP (µg/L)	700	100	U	100	U	100	U	100	U
1,2-Dichloroethane, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Benzene, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Carbon Tetrachloride, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Chlorobenzene, TCLP (µg/L)	100000	100	U	100	U	100	U	100	U
Chloroform, TCLP (µg/L)	6000	100	U	100	U	100	U	100	U
Methyl Ethyl Ketone, TCLP (µg/L)	200000	100	U	100	U	100	U	100	U
Tetrachloroethene, TCLP (µg/L)	700	100	U	100	U	100	U	100	U
Trichloroethylene (Tce), TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Vinyl Chloride, TCLP (µg/L)	200	100	U	100	U	100	U	100	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB104		LND-SB105		LND-SB106		LND-SB107	
	Field Sample ID	CHLND-SB104-001-5-2		CHLND-SB105-001-5-1		CHLND-SB106-001-5-1		CHLND-SB107-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 METALS									
Antimony, Total (mg/kg)	--	4.3		2.2	U	2.2	U	2.1	U
Arsenic, Total (mg/kg)	33.6	14		13		5.6		9.5	
Barium, Total (mg/kg)	--	390		1400		110		48	
Beryllium, Total (mg/kg)	--	0.38	J	0.97		0.8		0.37	J
Cadmium, Total (mg/kg)	--	0.64		1.3		0.22	U	0.21	U
Chromium, Total (mg/kg)	612	15		16		15		21	
Cobalt, Total (mg/kg)	--	5.7		5.3		4.8		5.2	
Copper, Total (mg/kg)	--	51		44		24		32	
Lead, Total (mg/kg)	888	250		210		44		68	
Nickel, Total (mg/kg)	--	15		18		9.7		11	
Selenium, Total (mg/kg)	--	0.55	J	0.86	J	0.92	J	1.1	
Silver, Total (mg/kg)	--	0.2	J	0.15	J	0.14	J	0.13	J
Thallium, Total (mg/kg)	--	1	U	1.1	U	2.2	U	1.1	U
Tin, Total (mg/kg)	--	10		7.9		6.7		3.7	
Vanadium, Total (mg/kg)	--	16		23		32		19	
Zinc, Total (mg/kg)	--	170		260		39		33	
A9 METALS TCLP									
Antimony, TCLP (mg/l)	--	0.0043	J	0.006	U	0.006	U	0.0032	J
Arsenic, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.05	U
Barium, TCLP (mg/l)	100	2.2		2.7		0.45	J	0.22	J
Beryllium, TCLP (mg/l)	--	0.004	J	0.004	U	0.004	U	0.004	U
Cadmium, TCLP (mg/l)	1	0.004	J	0.005	J	0.005	U	0.005	U
Chromium, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.05	U
Cobalt, TCLP (mg/l)	--	0.05	U	0.05	U	0.05	U	0.009	J
Copper, TCLP (mg/l)	--	0.06	J	0.05	U	0.05	U	0.072	
Lead, TCLP (mg/l)	5	0.055	J	0.017	J	0.0075	U	0.025	
Nickel, TCLP (mg/l)	--	0.015	J	0.05	U	0.013	J	0.011	J
Selenium, TCLP (mg/l)	1	0.05	J	0.05	U	0.05	U	0.05	U
Silver, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.05	U
Thallium, TCLP (mg/l)	--	0.002	UJ	0.002	UJ	0.002	U	0.002	U
Tin, TCLP (mg/l)	--	0.1	U	0.1	U	0.1	U	0.1	U
Vanadium, TCLP (mg/l)	--	0.04	U	0.04	U	0.005	J	0.006	J
Zinc, TCLP (mg/l)	--	0.3	J	0.43		0.043	J	0.12	

**Table 4-1
Predesign Landscape Sampling Results
The Sherwin-Williams Company
Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB104		LND-SB105		LND-SB106		LND-SB107	
	Field Sample ID	CHLND-SB104-001-5-2		CHLND-SB105-001-5-1		CHLND-SB106-001-5-1		CHLND-SB107-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC									
1,2,4,5-Tetrachlorobenzene (µg/kg)	--	190	U	980	U	190	U	180	U
1,2,4-Trichlorobenzene (µg/kg)	--	190	U	980	U	190	U	180	U
1,2-Dichlorobenzene (µg/kg)	--	190	U	980	U	190	U	180	U
1,2-Diphenylhydrazine (µg/kg)	--	190	U	980	U	190	U	180	U
1,3,5-Trinitrobenzene (µg/kg)	--	45	U	230	U	46	U	43	U
1,3-Dichlorobenzene (µg/kg)	--	190	U	980	U	190	U	180	U
1,3-Dinitrobenzene (µg/kg)	--	22	U	120	U	23	U	22	U
1,4-Dichlorobenzene (µg/kg)	78120	190	U	980	U	190	U	180	U
1,4-Dioxane (P-Dioxane) (µg/kg)	--	110	U	590	U	120	UJ	110	UJ
1,4-Naphthoquinone (µg/kg)	--	750	U	3900	U	780	UJ	730	UJ
1-Naphthylamine (µg/kg)	--	750	U	3900	U	780	UJ	730	UJ
2,2-Oxybis (1-Chloropropane) (µg/kg)	--	190	U	980	U	190	U	180	U
2,3,4,6-Tetrachlorophenol (µg/kg)	--	11	U	59	U	12	U	11	U
2,4,5-Trichlorophenol (µg/kg)	--	370	U	1900	U	380	U	360	U
2,4,6-Trichlorophenol (µg/kg)	--	370	U	1900	U	380	U	360	U
2,4-Dichlorophenol (µg/kg)	--	370	U	1900	U	380	U	360	U
2,4-Dimethylphenol (µg/kg)	--	370	U	1900	U	380	U	360	U
2,4-Dinitrophenol (µg/kg)	--	750	U	3900	U	780	U	730	U
2,4-Dinitrotoluene (µg/kg)	--	190	U	980	U	190	U	180	U
2,6-Dichlorophenol (µg/kg)	--	190	U	980	U	190	U	180	U
2,6-Dinitrotoluene (µg/kg)	--	190	U	980	U	190	U	180	U
2-Aminonaphthalene (µg/kg)	--	750	U	3900	U	780	UJ	730	UJ
2-Chloronaphthalene (µg/kg)	--	190	U	980	U	190	U	180	U
2-Chlorophenol (µg/kg)	--	190	U	980	U	190	U	180	U
2-Methylnaphthalene (µg/kg)	270000	64	J	220	J	250		420	
2-Nitroaniline (µg/kg)	--	190	U	980	U	190	U	180	U
2-Nitrophenol (µg/kg)	--	370	U	1900	U	380	U	360	U
2-Picoline (Alpha-Picoline) (µg/kg)	--	750	U	3900	U	780	UJ	730	UJ
3,3'-Dichlorobenzidine (µg/kg)	--	190	U	980	U	190	U	180	U
3,3'-Dimethylbenzidine (µg/kg)	--	750	U	3900	U	780	U	730	U
3-And/Or 4-Methylphenol (µg/kg)	--	190	U	980	U	190	U	180	U
3-Methylcholanthrene (µg/kg)	--	190	U	980	U	190	UJ	180	UJ
3-Nitroaniline (µg/kg)	--	370	U	1900	U	380	U	360	U
4,6-Dinitro-2-Methylphenol (µg/kg)	--	370	U	1900	U	380	U	360	U
4-Aminobiphenyl (µg/kg)	--	370	U	1900	U	380	UJ	360	UJ
4-Bromophenyl Phenyl Ether (µg/kg)	--	190	U	980	U	190	U	180	U
4-Chloroaniline (µg/kg)	--	750	U	3900	U	780	U	730	U
4-Chloro-M-Cresol (µg/kg)	--	370	U	1900	U	380	U	360	U

**Table 4-1
Predesign Landscape Sampling Results
The Sherwin-Williams Company
Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB104		LND-SB105		LND-SB106		LND-SB107	
	Field Sample ID	CHLND-SB104-001-5-2		CHLND-SB105-001-5-1		CHLND-SB106-001-5-1		CHLND-SB107-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC (Continued)									
4-Chlorophenylphenyl Ether (µg/kg)	--	190	U	980	U	190	U	180	U
4-Nitroaniline (µg/kg)	--	370	U	1900	U	380	U	360	U
4-Nitrophenol (µg/kg)	--	750	U	3900	U	780	U	730	U
4-Nitroquinoline-1-Oxide (µg/kg)	--	56	U	290	U	58	UJ	54	UJ
4-Nitroquinoline-N-Oxide (µg/kg)	--	190	U	980	U	190	U	180	U
5-Nitro-O-Toluidine (µg/kg)	--	22	U	120	U	23	U	22	U
A,A-Dimethylphenethylamine (µg/kg)	--	56	U	290	U	58	UJ	54	UJ
Acenaphthene (µg/kg)	--	35	J	190	J	120		530	
Acenaphthylene (µg/kg)	--	23	J	170	J	38	U	36	U
Acetophenone (µg/kg)	1602	22	U	120	U	23	U	22	U
Aniline (µg/kg)	4327000	750	U	3900	U	780	U	730	U
Anthracene (µg/kg)	--	120		1200		360		1800	
Aramite (µg/kg)	--	22	U	120	U	23	UJ	22	UJ
Benzo(A)Anthracene (µg/kg)	33790	540		2300		3700		27000	
Benzo(A)Pyrene (µg/kg)	3379	420		1600		4400		34000	
Benzo(B)Fluoranthene (µg/kg)	33790	690		2600		6300		48000	
Benzo(G,H,I)Perylene (µg/kg)	--	390		1600		2900		17000	
Benzo(K)Fluoranthene (µg/kg)	337910	310		1400		2300		16000	
Benzyl Alcohol (µg/kg)	--	370	U	1900	U	380	U	360	U
bis (2-Chloroethoxy) Methane (µg/kg)	--	190	U	980	U	190	U	180	U
bis (2-Chloroethyl) Ether (µg/kg)	--	190	U	980	U	190	U	180	U
bis (2-Ethylhexyl) Phthalate (µg/kg)	--	190	U	980	U	190	U	180	U
Butylbenzylphthalate (µg/kg)	--	190	U	980	U	190	U	180	U
Chlorobenzilate (µg/kg)	--	190	U	980	U	190	UJ	180	UJ
Chrysene (µg/kg)	--	690		2800		5000		41000	
Cresol (Ortho) (µg/kg)	--	190	U	980	U	190	U	180	U
Diallate (µg/kg)	--	370	U	1900	U	380	U	360	U
Dibenzo(A,H)Anthracene (µg/kg)	3379	170		510		1000		6600	
Dibenzofuran (µg/kg)	--	43	J	340	J	140	J	150	J
Diethyl Phthalate (µg/kg)	--	190	U	980	U	190	U	180	U
Dimethyl Phthalate (µg/kg)	--	190	U	980	U	190	U	180	U
Dimethylbenz(A)Anthracene (µg/kg)	--	22	U	120	U	23	UJ	22	UJ
Di-N-Butyl Phthalate (µg/kg)	--	190	U	980	U	190	U	180	U
Di-N-Octyl Phthalate (µg/kg)	--	190	U	980	U	190	U	180	U
Dinoseb (µg/kg)	--	22	U	120	U	23	U	22	U
Diphenylamine (µg/kg)	--	22	U	120	U	23	U	22	U
Ethyl Methane Sulfonate (µg/kg)	--	190	U	980	U	190	U	180	U
Fluoranthene (µg/kg)	--	930		5100		4900		41000	
Fluorene (µg/kg)	--	44		460		81		320	

**Table 4-1
Predesign Landscape Sampling Results
The Sherwin-Williams Company
Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB104		LND-SB105		LND-SB106		LND-SB107	
	Field Sample ID	CHLND-SB104-001-5-2		CHLND-SB105-001-5-1		CHLND-SB106-001-5-1		CHLND-SB107-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC (Continued)									
Hexachlorobenzene (µg/kg)	--	75	U	390	U	78	U	73	U
Hexachlorobutadiene (µg/kg)	--	190	U	980	U	190	U	180	U
Hexachlorocyclopentadiene (µg/kg)	--	750	U	3900	U	780	U	730	U
Hexachloroethane (µg/kg)	--	190	U	980	U	190	U	180	U
Hexachlorophene (µg/kg)	--	170	U	880	U	170	U	160	U
Hexachloropropene (µg/kg)	--	190	U	980	U	190	UJ	180	UJ
Indeno(1,2,3-Cd)Pyrene (µg/kg)	33790	78		1400		2600		15000	
Isophorone (µg/kg)	--	190	U	980	U	190	U	180	U
Isosafrole (µg/kg)	--	190	U	980	U	190	U	180	U
Methapyrilene (µg/kg)	--	56	U	290	U	58	U	54	U
Methyl Methane Sulfonate (µg/kg)	--	370	U	1900	U	380	U	360	U
Naphthalene (µg/kg)	270000	47		110	J	150		510	
Nitrobenzene (µg/kg)	--	37	U	190	U	38	U	36	U
Nitrosomethylethylamine (µg/kg)	--	370	U	1900	U	380	U	360	U
N-Nitrosodiethylamine (µg/kg)	--	370	U	1900	U	380	U	360	U
N-Nitrosodimethylamine (µg/kg)	--	370	U	1900	U	380	U	360	U
N-Nitroso-Di-N-Butylamine (µg/kg)	--	190	U	980	U	190	U	180	U
N-Nitroso-Di-N-Propylamine (µg/kg)	--	190	U	980	U	190	U	180	U
N-Nitrosodiphenylamine (µg/kg)	--	190	U	980	U	190	U	180	U
N-Nitrosomorpholine (µg/kg)	--	22	U	120	U	23	UJ	22	UJ
N-Nitrosopiperidine (µg/kg)	--	370	U	1900	U	380	U	360	U
N-Nitrosopyrrolidine (µg/kg)	--	56	U	290	U	58	UJ	54	UJ
O-Toluidine (µg/kg)	--	190	U	980	U	190	U	180	U
P-Dimethylaminoazobenzene (µg/kg)	--	190	U	980	U	190	UJ	180	UJ
Pentachlorobenzene (µg/kg)	--	190	U	980	U	190	U	180	U
Pentachloronitrobenzene (µg/kg)	--	22	U	120	U	23	U	22	U
Pentachlorophenol (µg/kg)	--	750	U	3900	U	780	U	730	U
Phenacetin (µg/kg)	--	370	U	1900	U	380	U	360	U
Phenanthrene (µg/kg)	--	680		4500		2200		12000	
Phenol (µg/kg)	--	190	U	980	U	190	U	180	U
P-Phenylenediamine (µg/kg)	--	110	U	590	U	120	UJ	110	UJ
Pronamide (µg/kg)	--	190	U	980	U	190	U	180	U
Pyrene (µg/kg)	--	1000		4600		5100		32000	
Pyridine (µg/kg)	--	750	U	3900	U	780	U	730	U
Safrole (µg/kg)	--	190	U	980	U	190	U	180	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB104		LND-SB105		LND-SB106		LND-SB107	
	Field Sample ID	CHLND-SB104-001-5-2		CHLND-SB105-001-5-1		CHLND-SB106-001-5-1		CHLND-SB107-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC TCLP									
1,4-Dichlorobenzene, TCLP (µg/L)	7500	100	U	100	U	100	U	100	U
2,4,5-Trichlorophenol, TCLP (µg/L)	400000	500	U	500	U	500	U	500	U
2,4,6-Trichlorophenol, TCLP (µg/L)	2000	100	U	100	U	100	U	100	U
2,4-Dinitrotoluene, TCLP (µg/L)	130	100	U	100	U	100	U	100	U
2-Methylphenol, TCLP (µg/L)	200000	100	U	100	U	100	U	100	U
Hexachlorobenzene, TCLP (µg/L)	100	100	U	100	U	100	U	100	U
Hexachlorobutadiene, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Hexachloroethane, TCLP (µg/L)	3000	100	U	100	U	100	U	100	U
M/P-Cresol, TCLP (µg/L)	200000	100	U	100	U	100	U	100	U
Nitrobenzene, TCLP (µg/L)	2000	100	U	100	U	100	U	100	U
Pentachlorophenol, TCLP (µg/L)	100000	500	U	500	U	500	U	500	U
Pyridine, TCLP (µg/L)	5000	200	U	200	U	200	U	200	U
A9 VOA									
1,1,1,2-Tetrachloroethane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
1,1,1-Trichloroethane (µg/kg)	--	5.9	U	5.4	U	4.6	UJ	4.8	UJ
1,1,2,2-Tetrachloroethane (µg/kg)	--	5.9	U	5.4	U	4.6	UJ	4.8	UJ
1,1,2-Trichloroethane (µg/kg)	--	5.9	U	5.4	U	4.6	R	4.8	R
1,1-Dichloroethane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
1,1-Dichloroethene (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
1,2,3-Trichloropropane (µg/kg)	--	5.9	U	5.4	U	4.6	UJ	4.8	UJ
1,2-Dibromo-3-Chloropropane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
1,2-Dibromoethane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
1,2-Dichloroethane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
1,2-Dichloropropane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
2-Butanone (µg/kg)	--	5.9	U	5.4	U	27		4.8	U
2-Chloro-1,3-Butadiene (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
2-Hexanone (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
3-Chloropropene (µg/kg)	--	12	U	11	U	9.1	UJ	9.7	UJ
4-Methyl-2-Pentanone (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Acetone (µg/kg)	--	26	J	29		47	J+	11	J+
Acetonitrile (µg/kg)	--	47	U	43	U	37	U	39	U
Acrolein (µg/kg)	--	240	U	220	U	180	UJ	190	UJ
Acrylonitrile (µg/kg)	--	47	U	43	U	37	UJ	39	UJ
Benzene (µg/kg)	63.5	5.9	U	5.4	U	11		4.8	U
Bromodichloromethane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Bromoform (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Bromomethane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Carbon Disulfide (µg/kg)	--	5.9	U	5.4	U	3.3	J	4.8	U
Carbon Tetrachloride (µg/kg)	--	5.9	U	5.4	U	4.6	UJ	4.8	UJ

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB104		LND-SB105		LND-SB106		LND-SB107	
	Field Sample ID	CHLND-SB104-001-5-2		CHLND-SB105-001-5-1		CHLND-SB106-001-5-1		CHLND-SB107-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 VOA (Continued)									
Chlorobenzene (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Chloroethane (µg/kg)	--	5.9	U	5.4	U	4.6	UJ	4.8	UJ
Chloroform (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Chloromethane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Cis-1,3-Dichloropropene (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Dibromochloromethane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Dibromomethane (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Dichlorodifluoromethane (µg/kg)	--	5.9	U	5.4	U	4.6	UJ	4.8	UJ
Ethylbenzene (µg/kg)	42000	5.9	U	5.4	U	4.6	U	4.8	U
Ethylmethacrylate (µg/kg)	--	12	U	11	U	9.1	U	9.7	U
Iodomethane (Methyl Iodide) (µg/kg)	--	12	U	11	U	9.1	UJ	9.7	UJ
Isobutanol (µg/kg)	--	470	U	430	U	370	U	390	U
Methylacrylonitrile (µg/kg)	--	12	U	11	U	9.1	U	9.7	U
Methylene Chloride (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Methylmethacrylate (µg/kg)	--	12	U	11	U	9.1	U	9.7	U
Pentachloroethane (µg/kg)	--	12	U	11	U	9.1	U	9.7	U
Propane Nitrile (Propionitrile) (µg/kg)	--	47	U	43	U	37	U	39	U
Styrene (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Tetrachloroethene (µg/kg)	484	5.9	U	5.4	U	4.6	U	4.8	U
Toluene (µg/kg)	11400	5.9	U	5.4	U	3.7	J	4.8	U
Trans-1,2-Dichloroethene (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Trans-1,3-Dichloropropene (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Trans-1,4-Dichloro-2-Butene (µg/kg)	--	12	U	11	U	9.1	U	9.7	U
Trichloroethene (µg/kg)	275	5.9	U	5.4	U	4.6	U	4.8	U
Trichlorofluoromethane (µg/kg)	--	5.9	U	5.4	U	4.6	UJ	4.8	UJ
Vinyl Acetate (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Vinyl Chloride (µg/kg)	--	5.9	U	5.4	U	4.6	U	4.8	U
Xylenes (Total) (µg/kg)	165000	5.9	U	5.4	U	4.6	U	4.8	U
FLASHPOINT									
Ignitability (Flashpoint) (degrees)	140	200	>	200	>	200	>	200	>
GENCHEM									
Corrosivity (pH)	--	8		6.2		7.3		7	
Paint Filter Test (ml/100g)	0	0		0		0		0	
Phenolics, Total Recoverable (mg/kg)	--	0.44	U	0.39	U	0.56	U	0.35	U
Hg									
Mercury, Total (mg/kg)	--	0.11		0.046		0.042		0.024	
Hg TCLP									
Mercury, TCLP (mg/l)	0.2	0.002	J	0.002	U	0.002	U	0.002	U

**Table 4-1
Predesign Landscape Sampling Results
The Sherwin-Williams Company
Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB104		LND-SB105		LND-SB106		LND-SB107	
	Field Sample ID	CHLND-SB104-001-5-2		CHLND-SB105-001-5-1		CHLND-SB106-001-5-1		CHLND-SB107-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
PCB									
Aroclor-1016 (µg/kg)	--	18 U		20 U		19 U		17 U	
Aroclor-1221 (µg/kg)	--	18 U		20 U		19 U		17 U	
Aroclor-1232 (µg/kg)	--	18 U		20 U		19 U		17 U	
Aroclor-1242 (µg/kg)	--	18 U		20 U		19 U		17 U	
Aroclor-1248 (µg/kg)	--	18 U		20 U		19 U		17 U	
Aroclor-1254 (µg/kg)	12332	18 U		20 U		19 U		17 U	
Aroclor-1260 (µg/kg)	--	18 U		20 U		19 U		17 U	
Total Pcb (µg/kg)	--	18 U		20 U		19 U		17 U	
PEST/PCB									
4,4-DDD (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
4,4-DDE (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
4,4-DDT (µg/kg)	--	11		10 U		9.7 U		18 U	
Aldrin (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Alpha-Bhc (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Alpha-Chlordane (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Beta-Bhc (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Delta-Bhc (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Dieldrin (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Endosulfan I (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Endosulfan II (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Endosulfan Sulfate (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Endrin (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Endrin Aldehyde (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Endrin Ketone (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Gamma-Bhc (Lindane) (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Gamma-Chlordane (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Heptachlor (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Heptachlor Epoxide (µg/kg)	--	9.2 U		10 U		9.7 U		18 U	
Methoxychlor (µg/kg)	--	45 U		49 U		47 U		87 U	
Toxaphene (µg/kg)	--	91 U		99 U		95 U		170 U	
REACTIVE CYANIDE									
Reactivity, Cyanide (mg/kg)	250	2 U		2.4 U		1.9 U		1.8 U	
REACTIVE SULFIDE									
Reactivity, Sulfide (mg/kg)	500	240 U		240 UJ		17 J		9.5 J	

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB104		LND-SB105		LND-SB106		LND-SB107	
	Field Sample ID	CHLND-SB104-001-5-2		CHLND-SB105-001-5-1		CHLND-SB106-001-5-1		CHLND-SB107-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/12/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
TCLP OPP									
2,4,5-Tr (Silvex), TCLP (µg/L)	1000	10	U	10	U	10	U	10	U
2,4-D, TCLP (µg/L)	10000	100	U	100	U	100	U	100	U
Chlordane, TCLP (µg/L)	30	10	U	10	U	10	U	10	U
Endrin, TCLP (µg/L)	20	5	U	5	U	5	U	5	U
Gamma-Bhc (Lindane), TCLP (µg/L)	400	5	U	5	U	5	U	5	U
Heptachlor Epoxide, TCLP (µg/L)	8	5	U	5	U	5	U	5	U
Heptachlor, TCLP (µg/L)	8	5	U	5	U	5	U	5	U
Methoxychlor, TCLP (µg/L)	10000	10	U	10	U	10	U	10	U
Toxaphene, TCLP (µg/L)	500	50	U	50	U	50	U	50	U
TCLP VOA									
1,1-Dichloroethene, TCLP (µg/L)	700	100	U	100	U	100	U	100	U
1,2-Dichloroethane, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Benzene, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Carbon Tetrachloride, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Chlorobenzene, TCLP (µg/L)	100000	100	U	100	U	100	U	100	U
Chloroform, TCLP (µg/L)	6000	100	U	100	U	100	U	100	U
Methyl Ethyl Ketone, TCLP (µg/L)	200000	100	U	100	U	100	UJ	100	UJ
Tetrachloroethene, TCLP (µg/L)	700	100	U	100	U	100	R	100	R
Trichloroethylene (Tce), TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Vinyl Chloride, TCLP (µg/L)	200	100	U	100	U	100	U	100	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB108		LND-SB108		LND-SB109		LND-SB110	
	Field Sample ID	CHLND-SB108-001-5-1		CHLND-SB108-001-5-2		CHLND-SB109-001-5-1		CHLND-SB110-001-5-1	
	Date Collected	05/13/2005		05/13/2005		05/13/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 METALS									
Antimony, Total (mg/kg)	--	2.2	UJ	2.2	UJ	2.2	J-	2.3	U
Arsenic, Total (mg/kg)	33.6	8.9	J	8.7	J	100	J	4.6	
Barium, Total (mg/kg)	--	3300		720		7900		2900	
Beryllium, Total (mg/kg)	--	1.7		0.88		1.4		0.71	
Cadmium, Total (mg/kg)	--	2	J	1.1	J	32	J	1.5	
Chromium, Total (mg/kg)	612	77	J+	53	J+	39	J+	15	
Cobalt, Total (mg/kg)	--	3.7		3.4		6		3	
Copper, Total (mg/kg)	--	31	J	25	J	57	J	22	
Lead, Total (mg/kg)	888	5100	J	200	J	2000	J	160	
Nickel, Total (mg/kg)	--	40		12		27		10	
Selenium, Total (mg/kg)	--	1.2		1.1		2.1		0.85	J
Silver, Total (mg/kg)	--	0.23	J-	0.28	J-	1.9	J-	0.14	J
Thallium, Total (mg/kg)	--	5.4	U	2.2	U	1	J	1.1	U
Tin, Total (mg/kg)	--	15		5.9		11		14	
Vanadium, Total (mg/kg)	--	43	J	43	J	27	J	13	
Zinc, Total (mg/kg)	--	270	J	200	J	3000	J	370	
A9 METALS TCLP									
Antimony, TCLP (mg/l)	--	0.006	U	0.006	U	0.0043	J	0.006	U
Arsenic, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.05	U
Barium, TCLP (mg/l)	100	0.38	J	1.5		4.4		1.5	
Beryllium, TCLP (mg/l)	--	0.004	U	0.004	U	0.004	U	0.004	U
Cadmium, TCLP (mg/l)	1	0.005	UJ	0.005	UJ	0.12	J-	0.007	
Chromium, TCLP (mg/l)	5	0.05	U	0.05	U	0.43		0.011	J
Cobalt, TCLP (mg/l)	--	0.017	J	0.006	J	0.05	U	0.006	J
Copper, TCLP (mg/l)	--	0.05	U	0.05	U	0.011	J	0.05	U
Lead, TCLP (mg/l)	5	0.047		0.0067	J	1.4		0.022	
Nickel, TCLP (mg/l)	--	0.021	J	0.05	U	0.034	J	0.05	U
Selenium, TCLP (mg/l)	1	0.05	U	0.05	U	0.05	U	0.05	U
Silver, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.05	U
Thallium, TCLP (mg/l)	--	0.002	U	0.002	U	0.002	U	0.002	U
Tin, TCLP (mg/l)	--	0.1	U	0.1	U	0.1	U	0.1	U
Vanadium, TCLP (mg/l)	--	0.04	U	0.015	J	0.04	U	0.014	J
Zinc, TCLP (mg/l)	--	0.19		0.08	J	43		0.64	

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB108		LND-SB108		LND-SB109		LND-SB110	
	Field Sample ID	CHLND-SB108-001-5-1		CHLND-SB108-001-5-2		CHLND-SB109-001-5-1		CHLND-SB110-001-5-1	
	Date Collected	05/13/2005		05/13/2005		05/13/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC									
1,2,4,5-Tetrachlorobenzene (µg/kg)	--	190	U	190	U	980	U	2000	U
1,2,4-Trichlorobenzene (µg/kg)	--	190	U	190	U	980	U	2000	U
1,2-Dichlorobenzene (µg/kg)	--	190	U	190	U	980	U	2000	U
1,2-Diphenylhydrazine (µg/kg)	--	190	U	190	U	980	U	2000	U
1,3,5-Trinitrobenzene (µg/kg)	--	45	U	46	U	230	U	480	U
1,3-Dichlorobenzene (µg/kg)	--	190	U	190	U	980	U	2000	U
1,3-Dinitrobenzene (µg/kg)	--	22	U	23	U	120	U	240	U
1,4-Dichlorobenzene (µg/kg)	78120	190	U	190	U	980	U	2000	U
1,4-Dioxane (P-Dioxane) (µg/kg)	--	110	U	120	U	580	U	1200	UJ
1,4-Naphthoquinone (µg/kg)	--	750	U	770	U	3900	U	8100	UJ
1-Naphthylamine (µg/kg)	--	750	U	770	U	3900	U	8100	UJ
2,2-Oxybis (1-Chloropropane) (µg/kg)	--	190	U	190	U	980	U	2000	U
2,3,4,6-Tetrachlorophenol (µg/kg)	--	11	U	12	U	58	U	120	U
2,4,5-Trichlorophenol (µg/kg)	--	370	U	380	U	1900	U	4000	U
2,4,6-Trichlorophenol (µg/kg)	--	370	U	380	U	1900	U	4000	U
2,4-Dichlorophenol (µg/kg)	--	370	U	380	U	1900	U	4000	U
2,4-Dimethylphenol (µg/kg)	--	370	U	380	U	1900	U	4000	U
2,4-Dinitrophenol (µg/kg)	--	750	U	770	U	3900	U	8100	U
2,4-Dinitrotoluene (µg/kg)	--	190	U	190	U	980	U	2000	U
2,6-Dichlorophenol (µg/kg)	--	190	U	190	U	980	U	2000	U
2,6-Dinitrotoluene (µg/kg)	--	190	U	190	U	980	U	2000	U
2-Aminonaphthalene (µg/kg)	--	750	U	770	U	3900	U	8100	UJ
2-Chloronaphthalene (µg/kg)	--	190	U	190	U	980	U	2000	U
2-Chlorophenol (µg/kg)	--	190	U	190	U	980	U	2000	U
2-Methylnaphthalene (µg/kg)	270000	190	U	160 J		230 J		1700 J	
2-Nitroaniline (µg/kg)	--	190	U	190	U	980	U	2000	U
2-Nitrophenol (µg/kg)	--	370	U	380	U	1900	U	4000	U
2-Picoline (Alpha-Picoline) (µg/kg)	--	750	UJ	770	UJ	3900	UJ	8100	UJ
3,3'-Dichlorobenzidine (µg/kg)	--	190	U	190	U	980	U	2000	U
3,3'-Dimethylbenzidine (µg/kg)	--	750	U	770	U	3900	U	8100	U
3-And/Or 4-Methylphenol (µg/kg)	--	190	U	190	U	980	U	2000	U
3-Methylcholanthrene (µg/kg)	--	190	U	190	U	980	U	2000	U
3-Nitroaniline (µg/kg)	--	370	U	380	U	1900	U	4000	U
4,6-Dinitro-2-Methylphenol (µg/kg)	--	370	U	380	U	1900	U	4000	U
4-Aminobiphenyl (µg/kg)	--	370	U	380	U	1900	U	4000	U
4-Bromophenyl Phenyl Ether (µg/kg)	--	190	U	190	U	980	U	2000	U
4-Chloroaniline (µg/kg)	--	750	U	770	U	3900	U	8100	U
4-Chloro-M-Cresol (µg/kg)	--	370	U	380	U	1900	U	4000	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB108		LND-SB108		LND-SB109		LND-SB110	
	Field Sample ID	CHLND-SB108-001-5-1		CHLND-SB108-001-5-2		CHLND-SB109-001-5-1		CHLND-SB110-001-5-1	
	Date Collected	05/13/2005		05/13/2005		05/13/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC (Continued)									
4-Chlorophenylphenyl Ether (µg/kg)	--	190	U	190	U	980	U	2000	U
4-Nitroaniline (µg/kg)	--	370	U	380	U	1900	U	4000	U
4-Nitrophenol (µg/kg)	--	750	U	770	U	3900	U	8100	U
4-Nitroquinoline-1-Oxide (µg/kg)	--	56	UJ	58	UJ	290	UJ	600	UJ
4-Nitroquinoline-N-Oxide (µg/kg)	--	190	UJ	190	UJ	980	UJ	2000	UJ
5-Nitro-O-Toluidine (µg/kg)	--	22	U	23	U	120	U	240	U
N,N-Dimethylphenethylamine (µg/kg)	--	56	UJ	58	UJ	290	UJ	600	UJ
Acenaphthene (µg/kg)	--	16	J	250		110	J	13000	
Acenaphthylene (µg/kg)	--	52		69		160	J	400	U
Acetophenone (µg/kg)	1602	22	U	23	U	120	U	240	U
Aniline (µg/kg)	4327000	750	U	770	U	3900	U	8100	U
Anthracene (µg/kg)	--	110		1100		680		34000	
Aramite (µg/kg)	--	22	UJ	23	UJ	120	UJ	240	UJ
Benzo(A)Anthracene (µg/kg)	33790	390		3100		3200		62000	
Benzo(A)Pyrene (µg/kg)	3379	380		2000		3500		56000	
Benzo(B)Fluoranthene (µg/kg)	33790	490		2800		3900		76000	
Benzo(G,H,I)Perylene (µg/kg)	--	270		1300		2400		33000	
Benzo(K)Fluoranthene (µg/kg)	337910	410		1200		2800		26000	
Benzyl Alcohol (µg/kg)	--	370	U	380	U	1900	U	4000	U
bis (2-Chloroethoxy) Methane (µg/kg)	--	190	U	190	U	980	U	2000	U
bis (2-Chloroethyl) Ether (µg/kg)	--	190	U	190	U	980	U	2000	U
bis (2-Ethylhexyl) Phthalate (µg/kg)	--	190	U	190	U	980	U	2000	U
Butylbenzylphthalate (µg/kg)	--	190	U	190	U	980	U	2000	U
Chlorobenzilate (µg/kg)	--	190	UJ	190	UJ	980	UJ	2000	UJ
Chrysene (µg/kg)	--	460		2900		4100		65000	
Cresol (Ortho) (µg/kg)	--	190	U	190	U	980	U	2000	U
Diallate (µg/kg)	--	370	U	380	U	1900	U	4000	U
Dibenzo(A,H)Anthracene (µg/kg)	3379	110		590		800		9100	
Dibenzofuran (µg/kg)	--	30	J	390		980	U	7500	
Diethyl Phthalate (µg/kg)	--	190	U	190	U	980	U	2000	U
Dimethyl Phthalate (µg/kg)	--	190	U	190	U	980	U	2000	U
Dimethylbenz(A)Anthracene (µg/kg)	--	22	U	23	U	120	U	240	U
Di-N-Butyl Phthalate (µg/kg)	--	190	U	190	U	980	U	2000	U
Di-N-Octyl Phthalate (µg/kg)	--	190	U	190	U	980	U	2000	U
Dinoseb (µg/kg)	--	22	U	23	U	120	U	240	U
Diphenylamine (µg/kg)	--	22	U	23	U	120	U	240	U
Ethyl Methane Sulfonate (µg/kg)	--	190	U	190	U	980	U	2000	U
Fluoranthene (µg/kg)	--	790		6000		6000		140000	
Fluorene (µg/kg)	--	23	J	490		120	J	12000	

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB108		LND-SB108		LND-SB109		LND-SB110	
	Field Sample ID	CHLND-SB108-001-5-1		CHLND-SB108-001-5-2		CHLND-SB109-001-5-1		CHLND-SB110-001-5-1	
	Date Collected	05/13/2005		05/13/2005		05/13/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC (Continued)									
Hexachlorobenzene (µg/kg)	--	75	U	77	U	390	U	810	U
Hexachlorobutadiene (µg/kg)	--	190	U	190	U	980	U	2000	U
Hexachlorocyclopentadiene (µg/kg)	--	750	U	770	U	3900	U	8100	U
Hexachloroethane (µg/kg)	--	190	U	190	U	980	U	2000	U
Hexachlorophene (µg/kg)	--	170	U	170	U	880	U	1800	U
Hexachloropropene (µg/kg)	--	190	UJ	190	UJ	980	UJ	2000	UJ
Indeno(1,2,3-Cd)Pyrene (µg/kg)	33790	270		1300		2200		32000	
Isophorone (µg/kg)	--	190	U	190	U	980	U	2000	U
Isosafrole (µg/kg)	--	190	U	190	U	980	U	2000	U
Methapyrilene (µg/kg)	--	56	U	58	U	290	U	600	U
Methyl Methane Sulfonate (µg/kg)	--	370	U	380	U	1900	U	4000	U
Naphthalene (µg/kg)	270000	23	J	210		170	J	3600	
Nitrobenzene (µg/kg)	--	37	U	38	U	190	U	400	U
Nitrosomethylethylamine (µg/kg)	--	370	U	380	U	1900	U	4000	U
N-Nitrosodiethylamine (µg/kg)	--	370	U	380	U	1900	U	4000	U
N-Nitrosodimethylamine (µg/kg)	--	370	U	380	U	1900	U	4000	U
N-Nitroso-Di-N-Butylamine (µg/kg)	--	190	U	190	U	980	U	2000	U
N-Nitroso-Di-N-Propylamine (µg/kg)	--	190	U	190	U	980	U	2000	U
N-Nitrosodiphenylamine (µg/kg)	--	190	U	190	U	980	U	2000	U
N-Nitrosomorpholine (µg/kg)	--	22	U	23	U	120	U	240	U
N-Nitrosopiperidine (µg/kg)	--	370	U	380	U	1900	U	4000	U
N-Nitrosopyrrolidine (µg/kg)	--	56	U	58	U	290	U	600	U
O-Toluidine (µg/kg)	--	190	U	190	U	980	U	2000	U
P-Dimethylaminoazobenzene (µg/kg)	--	190	UJ	190	UJ	980	UJ	2000	UJ
Pentachlorobenzene (µg/kg)	--	190	U	190	U	980	U	2000	U
Pentachloronitrobenzene (µg/kg)	--	22	U	23	U	120	U	240	U
Pentachlorophenol (µg/kg)	--	750	U	770	U	3900	U	8100	U
Phenacetin (µg/kg)	--	370	U	380	U	1900	U	4000	U
Phenanthrene (µg/kg)	--	300		5000		2300		130000	
Phenol (µg/kg)	--	190	U	190	U	980	U	2000	U
P-Phenylenediamine (µg/kg)	--	110	U	120	U	580	U	1200	UJ
Pronamide (µg/kg)	--	190	U	190	U	980	U	2000	U
Pyrene (µg/kg)	--	730		5000		5900		140000	
Pyridine (µg/kg)	--	750	U	770	U	3900	U	8100	U
Safrole (µg/kg)	--	190	U	190	U	980	U	2000	U

**Table 4-1
Predesign Landscape Sampling Results
The Sherwin-Williams Company
Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB108		LND-SB108		LND-SB109		LND-SB110	
	Field Sample ID	CHLND-SB108-001-5-1		CHLND-SB108-001-5-2		CHLND-SB109-001-5-1		CHLND-SB110-001-5-1	
	Date Collected	05/13/2005		05/13/2005		05/13/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC TCLP									
1,4-Dichlorobenzene, TCLP (µg/L)	7500	100	U	100	U	100	U	100	U
2,4,5-Trichlorophenol, TCLP (µg/L)	400000	500	U	500	U	500	U	500	U
2,4,6-Trichlorophenol, TCLP (µg/L)	2000	100	U	100	U	100	U	100	U
2,4-Dinitrotoluene, TCLP (µg/L)	130	100	U	100	U	100	U	100	U
2-Methylphenol, TCLP (µg/L)	200000	100	U	100	U	100	U	100	U
Hexachlorobenzene, TCLP (µg/L)	100	100	U	100	U	100	U	100	U
Hexachlorobutadiene, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Hexachloroethane, TCLP (µg/L)	3000	100	U	100	U	100	U	100	U
M/P-Cresol, TCLP (µg/L)	200000	100	U	100	U	100	U	100	U
Nitrobenzene, TCLP (µg/L)	2000	100	U	100	U	100	U	100	U
Pentachlorophenol, TCLP (µg/L)	100000	500	U	500	U	500	U	500	U
Pyridine, TCLP (µg/L)	5000	200	U	200	U	200	U	200	U
A9 VOA									
1,1,1,2-Tetrachloroethane (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
1,1,1-Trichloroethane (µg/kg)	--	4.6	U	5.3	UJ	5.8	UJ	5.8	UJ
1,1,2,2-Tetrachloroethane (µg/kg)	--	4.6	UJ	5.3	UJ	5.8	UJ	5.8	UJ
1,1,2-Trichloroethane (µg/kg)	--	4.6	R	5.3	R	5.8	R	5.8	R
1,1-Dichloroethane (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
1,1-Dichloroethene (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
1,2,3-Trichloropropane (µg/kg)	--	4.6	UJ	5.3	UJ	5.8	UJ	5.8	UJ
1,2-Dibromo-3-Chloropropane (µg/kg)	--	4.6	UJ	5.3	U	5.8	U	5.8	U
1,2-Dibromoethane (µg/kg)	--	4.6	R	5.3	U	5.8	U	5.8	U
1,2-Dichloroethane (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
1,2-Dichloropropane (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
2-Butanone (µg/kg)	--	4.6	UJ	5.3	U	5.8	U	5.8	U
2-Chloro-1,3-Butadiene (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
2-Hexanone (µg/kg)	--	4.6	UJ	5.3	U	5.8	U	5.8	U
3-Chloropropene (µg/kg)	--	9.3	UJ	11	U	12	UJ	12	UJ
4-Methyl-2-Pentanone (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Acetone (µg/kg)	--	12	J	5.7	J+	18	J+	5.8	UJ
Acetonitrile (µg/kg)	--	37	UJ	43	U	46	U	47	U
Acrolein (µg/kg)	--	190	U	210	UJ	230	UJ	230	UJ
Acrylonitrile (µg/kg)	--	37	UJ	43	UJ	46	UJ	47	UJ
Benzene (µg/kg)	63.5	4.6	U	5.3	U	5.8	U	5.8	U
Bromodichloromethane (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Bromoform (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Bromomethane (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Carbon Disulfide (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Carbon Tetrachloride (µg/kg)	--	4.6	U	5.3	UJ	5.8	UJ	5.8	UJ

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB108		LND-SB108		LND-SB109		LND-SB110	
	Field Sample ID	CHLND-SB108-001-5-1		CHLND-SB108-001-5-2		CHLND-SB109-001-5-1		CHLND-SB110-001-5-1	
	Date Collected	05/13/2005		05/13/2005		05/13/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 VOA (Continued)									
Chlorobenzene (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Chloroethane (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	UJ
Chloroform (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Chloromethane (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Cis-1,3-Dichloropropene (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Dibromochloromethane (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Dibromomethane (µg/kg)	--	4.6	UJ	5.3	U	5.8	U	5.8	U
Dichlorodifluoromethane (µg/kg)	--	4.6	U	5.3	UJ	5.8	UJ	5.8	UJ
Ethylbenzene (µg/kg)	42000	4.6	U	5.3	U	5.8	U	5.8	U
Ethylmethacrylate (µg/kg)	--	9.3	U	11	U	12	U	12	U
Iodomethane (Methyl Iodide) (µg/kg)	--	9.3	UJ	11	U	12	U	12	UJ
Isobutanol (µg/kg)	--	370	U	430	U	460	U	470	U
Methylacrylonitrile (µg/kg)	--	9.3	U	11	U	12	U	12	U
Methylene Chloride (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Methylmethacrylate (µg/kg)	--	9.3	U	11	U	12	U	12	U
Pentachloroethane (µg/kg)	--	9.3	UJ	11	U	12	U	12	U
Propane Nitrile (Propionitrile) (µg/kg)	--	37	UJ	43	U	46	U	47	U
Styrene (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Tetrachloroethene (µg/kg)	484	4.6	U	5.3	U	5.8	U	5.8	U
Toluene (µg/kg)	11400	4.6	U	5.3	U	5.8	U	5.8	U
Trans-1,2-Dichloroethene (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Trans-1,3-Dichloropropene (µg/kg)	--	4.6	UJ	5.3	U	5.8	U	5.8	U
Trans-1,4-Dichloro-2-Butene (µg/kg)	--	9.3	U	11	U	12	U	12	U
Trichloroethene (µg/kg)	275	4.6	U	5.3	U	5.8	U	5.8	U
Trichlorofluoromethane (µg/kg)	--	4.6	UJ	5.3	UJ	5.8	UJ	5.8	UJ
Vinyl Acetate (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Vinyl Chloride (µg/kg)	--	4.6	U	5.3	U	5.8	U	5.8	U
Xylenes (Total) (µg/kg)	165000	4.6	U	5.3	U	5.8	U	5.8	U
FLASHPOINT									
Ignitability (Flashpoint) (degrees)	140	200	>	200	>	200	>	200	>
GENCHEM									
Corrosivity (pH)	--	8.2		9.8		7.3		8.8	
Paint Filter Test (ml/100g)	0	0		0		0		0	
Phenolics, Total Recoverable (mg/kg)	--	0.54	U	0.44	U	0.42	J	0.5	U
Hg									
Mercury, Total (mg/kg)	--	0.07		0.046		0.17		0.051	
Hg TCLP									
Mercury, TCLP (mg/l)	0.2	0.002	U	0.002	U	0.002	U	0.002	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB108		LND-SB108		LND-SB109		LND-SB110	
	Field Sample ID	CHLND-SB108-001-5-1		CHLND-SB108-001-5-2		CHLND-SB109-001-5-1		CHLND-SB110-001-5-1	
	Date Collected	05/13/2005		05/13/2005		05/13/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
PCB									
Aroclor-1016 (µg/kg)	--	19	U	19	U	40	U	20	U
Aroclor-1221 (µg/kg)	--	19	U	19	U	40	U	20	U
Aroclor-1232 (µg/kg)	--	19	U	19	U	40	U	20	U
Aroclor-1242 (µg/kg)	--	19	U	170		40	U	20	U
Aroclor-1248 (µg/kg)	--	19	U	19	U	40	U	20	U
Aroclor-1254 (µg/kg)	12332	19	U	19	U	40	U	20	U
Aroclor-1260 (µg/kg)	--	19	U	19	U	40	U	20	U
Total Pcb (µg/kg)	--	19	U	170		40	U	20	U
PEST/PCB									
4,4-DDD (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
4,4-DDE (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
4,4-DDT (µg/kg)	--	1.9	U	2.4		33		21	U
Aldrin (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Alpha-Bhc (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Alpha-Chlordane (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Beta-Bhc (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Delta-Bhc (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Dieldrin (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Endosulfan I (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Endosulfan II (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Endosulfan Sulfate (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Endrin (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Endrin Aldehyde (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Endrin Ketone (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Gamma-Bhc (Lindane) (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Gamma-Chlordane (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Heptachlor (µg/kg)	--	1.9	U	1.5	J	20	U	21	U
Heptachlor Epoxide (µg/kg)	--	1.9	U	1.9	U	20	U	21	U
Methoxychlor (µg/kg)	--	9.3	U	9.3	U	99	U	100	U
Toxaphene (µg/kg)	--	19	U	19	U	200	U	200	U
REACTIVE CYANIDE									
Reactivity, Cyanide (mg/kg)	250	0.88		0.83		1.2		2	U
REACTIVE SULFIDE									
Reactivity, Sulfide (mg/kg)	500	14	J	240	U	230	U	230	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB108		LND-SB108		LND-SB109		LND-SB110	
	Field Sample ID	CHLND-SB108-001-5-1		CHLND-SB108-001-5-2		CHLND-SB109-001-5-1		CHLND-SB110-001-5-1	
	Date Collected	05/13/2005		05/13/2005		05/13/2005		05/12/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
TCLP OPP									
2,4,5-Tr (Silvex), TCLP (µg/L)	1000	10	U	10	U	10	U	10	U
2,4-D, TCLP (µg/L)	10000	100	U	100	U	100	U	100	U
Chlordane, TCLP (µg/L)	30	10	U	10	U	10	U	10	U
Endrin, TCLP (µg/L)	20	5	U	5	U	5	U	5	U
Gamma-Bhc (Lindane), TCLP (µg/L)	400	5	U	5	U	5	U	5	U
Heptachlor Epoxide, TCLP (µg/L)	8	5	U	5	U	5	U	5	U
Heptachlor, TCLP (µg/L)	8	5	U	5	U	5	U	5	U
Methoxychlor, TCLP (µg/L)	10000	10	U	10	U	10	U	10	U
Toxaphene, TCLP (µg/L)	500	50	U	50	U	50	U	50	U
TCLP VOA									
1,1-Dichloroethene, TCLP (µg/L)	700	100	U	100	U	100	U	100	U
1,2-Dichloroethane, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Benzene, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Carbon Tetrachloride, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Chlorobenzene, TCLP (µg/L)	100000	100	U	100	U	100	U	100	U
Chloroform, TCLP (µg/L)	6000	100	U	100	U	100	U	100	U
Methyl Ethyl Ketone, TCLP (µg/L)	200000	100	UJ	100	UJ	100	UJ	100	UJ
Tetrachloroethene, TCLP (µg/L)	700	100	U	100	U	100	U	100	R
Trichloroethylene (Tce), TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Vinyl Chloride, TCLP (µg/L)	200	100	U	100	U	100	U	100	U

**Table 4-1
Predesign Landscape Sampling Results
The Sherwin-Williams Company
Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB111		LND-SB112		LND-SB116		LND-SB117	
	Field Sample ID	CHLND-SB111-001-5-1		CHLND-SB112-001-5-1		CHLND-SB116-001-5-1		CHLND-SB117-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/13/2005		05/13/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 METALS									
Antimony, Total (mg/kg)	--	2.2	U	2.5	U	2.3	UJ	3.5	J-
Arsenic, Total (mg/kg)	33.6	7.4		7.5		37	J	1300	J
Barium, Total (mg/kg)	--	13000		790		430		1300	
Beryllium, Total (mg/kg)	--	1.4		0.72		1.1		1.1	
Cadmium, Total (mg/kg)	--	0.68		0.6		1.1	J	3.5	J
Chromium, Total (mg/kg)	612	11		30		33	J+	150	J+
Cobalt, Total (mg/kg)	--	4.9		8.9		9.4		6.7	
Copper, Total (mg/kg)	--	33		26		190	J	170	J
Lead, Total (mg/kg)	888	900		230		1100	J	2700	J
Nickel, Total (mg/kg)	--	14		18		26		17	
Selenium, Total (mg/kg)	--	1.4		1	J	1.5		1.5	
Silver, Total (mg/kg)	--	0.14	J	0.63	U	0.29	J-	0.7	J-
Thallium, Total (mg/kg)	--	1.1	U	1.3	U	1.2	U	1.1	U
Tin, Total (mg/kg)	--	17		5.3		8.6		32	
Vanadium, Total (mg/kg)	--	17		29		28	J	17	J
Zinc, Total (mg/kg)	--	220		220		400	J	550	J
A9 METALS TCLP									
Antimony, TCLP (mg/l)	--	0.006	U	0.006	U	0.0056	J	0.0094	
Arsenic, TCLP (mg/l)	5	0.05	U	0.05	U	0.022	J	0.1	
Barium, TCLP (mg/l)	100	1.9		3		1.8		1.7	
Beryllium, TCLP (mg/l)	--	0.004	U	0.004	U	0.004	U	0.004	U
Cadmium, TCLP (mg/l)	1	0.007		0.007		0.004	J	0.013	J-
Chromium, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.038	J
Cobalt, TCLP (mg/l)	--	0.014	J	0.05	U	0.031	J	0.008	J
Copper, TCLP (mg/l)	--	0.05	U	0.05	U	0.05	U	0.032	J
Lead, TCLP (mg/l)	5	1.5		0.098		0.75		0.52	
Nickel, TCLP (mg/l)	--	0.028	J	0.05	U	0.04	J	0.018	J
Selenium, TCLP (mg/l)	1	0.05	U	0.05	U	0.05	U	0.05	U
Silver, TCLP (mg/l)	5	0.05	U	0.05	U	0.05	U	0.05	U
Thallium, TCLP (mg/l)	--	0.002	U	0.002	U	0.002	U	0.002	U
Tin, TCLP (mg/l)	--	0.1	U	0.1	U	0.1	U	0.1	U
Vanadium, TCLP (mg/l)	--	0.011	J	0.04	U	0.04	U	0.04	U
Zinc, TCLP (mg/l)	--	1.4		1.1		1.6		1.3	

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB111		LND-SB112		LND-SB116		LND-SB117	
	Field Sample ID	CHLND-SB111-001-5-1		CHLND-SB112-001-5-1		CHLND-SB116-001-5-1		CHLND-SB117-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/13/2005		05/13/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC									
1,2,4,5-Tetrachlorobenzene (µg/kg)	--	200	U	220	U	2000	U	7600	U
1,2,4-Trichlorobenzene (µg/kg)	--	200	U	220	U	2000	U	7600	U
1,2-Dichlorobenzene (µg/kg)	--	200	U	220	U	2000	U	7600	U
1,2-Diphenylhydrazine (µg/kg)	--	200	U	220	U	2000	U	7600	U
1,3,5-Trinitrobenzene (µg/kg)	--	49	U	54	U	480	U	1800	U
1,3-Dichlorobenzene (µg/kg)	--	200	U	220	U	2000	U	7600	U
1,3-Dinitrobenzene (µg/kg)	--	24	U	27	U	240	U	910	U
1,4-Dichlorobenzene (µg/kg)	78120	200	U	220	U	2000	U	7600	U
1,4-Dioxane (P-Dioxane) (µg/kg)	--	120	UJ	130	U	1200	U	4600	U
1,4-Naphthoquinone (µg/kg)	--	810	UJ	900	U	8100	U	31000	U
1-Naphthylamine (µg/kg)	--	810	UJ	900	UJ	8100	UJ	31000	U
2,2-Oxybis (1-Chloropropane) (µg/kg)	--	200	U	220	U	2000	U	7600	U
2,3,4,6-Tetrachlorophenol (µg/kg)	--	12	U	13	U	120	UJ	460	U
2,4,5-Trichlorophenol (µg/kg)	--	400	U	440	U	4000	U	15000	U
2,4,6-Trichlorophenol (µg/kg)	--	400	U	440	U	4000	U	15000	U
2,4-Dichlorophenol (µg/kg)	--	400	U	440	U	4000	U	15000	U
2,4-Dimethylphenol (µg/kg)	--	400	U	440	U	4000	U	15000	U
2,4-Dinitrophenol (µg/kg)	--	810	U	900	U	8100	U	31000	U
2,4-Dinitrotoluene (µg/kg)	--	200	U	220	U	2000	U	7600	U
2,6-Dichlorophenol (µg/kg)	--	200	U	220	U	2000	U	7600	U
2,6-Dinitrotoluene (µg/kg)	--	200	U	220	U	2000	U	7600	U
2-Aminonaphthalene (µg/kg)	--	810	UJ	900	UJ	8100	U	31000	U
2-Chloronaphthalene (µg/kg)	--	200	U	220	U	2000	U	7600	U
2-Chlorophenol (µg/kg)	--	200	U	220	U	2000	U	7600	U
2-Methylnaphthalene (µg/kg)	270000	420		280		2700		300000	
2-Nitroaniline (µg/kg)	--	200	U	220	U	2000	U	7600	U
2-Nitrophenol (µg/kg)	--	400	U	440	U	4000	U	15000	U
2-Picoline (Alpha-Picoline) (µg/kg)	--	810	UJ	900	U	8100	U	31000	UJ
3,3'-Dichlorobenzidine (µg/kg)	--	200	U	220	U	2000	U	7600	U
3,3'-Dimethylbenzidine (µg/kg)	--	810	U	900	U	8100	U	31000	U
3-And/Or 4-Methylphenol (µg/kg)	--	200	U	220	U	2000	U	7600	U
3-Methylcholanthrene (µg/kg)	--	200	U	220	UJ	2000	U	7600	U
3-Nitroaniline (µg/kg)	--	400	U	440	U	4000	U	15000	U
4,6-Dinitro-2-Methylphenol (µg/kg)	--	400	U	440	U	4000	U	15000	U
4-Aminobiphenyl (µg/kg)	--	400	U	440	UJ	4000	U	15000	U
4-Bromophenyl Phenyl Ether (µg/kg)	--	200	U	220	U	2000	U	7600	U
4-Chloroaniline (µg/kg)	--	810	U	900	U	8100	U	31000	U
4-Chloro-M-Cresol (µg/kg)	--	400	U	440	U	4000	U	15000	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB111		LND-SB112		LND-SB116		LND-SB117	
	Field Sample ID	CHLND-SB111-001-5-1		CHLND-SB112-001-5-1		CHLND-SB116-001-5-1		CHLND-SB117-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/13/2005		05/13/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC (Continued)									
4-Chlorophenylphenyl Ether (µg/kg)	--	200	U	220	U	2000	U	7600	U
4-Nitroaniline (µg/kg)	--	400	U	440	U	4000	U	15000	U
4-Nitrophenol (µg/kg)	--	810	U	900	U	8100	U	31000	U
4-Nitroquinoline-1-Oxide (µg/kg)	--	61	UJ	67	U	610	U	2300	UJ
4-Nitroquinoline-N-Oxide (µg/kg)	--	200	U	220	U	2000	UJ	7600	UJ
5-Nitro-O-Toluidine (µg/kg)	--	24	U	27	U	240	UJ	910	U
N,N-Dimethylphenethylamine (µg/kg)	--	61	U	67	UJ	610	U	2300	UJ
Acenaphthene (µg/kg)	--	65		24	J	430		3100000	
Acenaphthylene (µg/kg)	--	40	U	76		400	U	120000	
Acetophenone (µg/kg)	1602	24	U	27	U	240	U	910	U
Aniline (µg/kg)	4327000	810	U	900	U	8100	U	31000	U
Anthracene (µg/kg)	--	210		210		600		1000000	
Aramite (µg/kg)	--	24	UJ	27	U	240	UJ	910	UJ
Benzo(A)Anthracene (µg/kg)	33790	620		570		740		1300000	
Benzo(A)Pyrene (µg/kg)	3379	530		660		480		580000	
Benzo(B)Fluoranthene (µg/kg)	33790	720		810		920		790000	
Benzo(G,H,I)Perylene (µg/kg)	--	330		490		470		270000	
Benzo(K)Fluoranthene (µg/kg)	337910	300		540		390	J	460000	
Benzyl Alcohol (µg/kg)	--	400	U	440	U	4000	U	15000	U
bis (2-Chloroethoxy) Methane (µg/kg)	--	200	U	220	U	2000	U	7600	U
bis (2-Chloroethyl) Ether (µg/kg)	--	200	U	220	U	2000	U	7600	U
bis (2-Ethylhexyl) Phthalate (µg/kg)	--	180	J	220	U	2000	U	7600	U
Butylbenzylphthalate (µg/kg)	--	200	U	220	U	2000	U	7600	U
Chlorobenzilate (µg/kg)	--	200	UJ	220	U	2000	UJ	7600	UJ
Chrysene (µg/kg)	--	730		1000		1400		1700000	
Cresol (Ortho) (µg/kg)	--	200	U	220	U	2000	U	7600	U
Diallate (µg/kg)	--	400	U	440	U	4000	U	15000	U
Dibenzo(A,H)Anthracene (µg/kg)	3379	120		180		400	U	100000	
Dibenzofuran (µg/kg)	--	280		200	J	560	J	1400000	
Diethyl Phthalate (µg/kg)	--	200	U	220	U	2000	U	7600	U
Dimethyl Phthalate (µg/kg)	--	200	U	220	U	2000	U	7600	U
Dimethylbenz(A)Anthracene (µg/kg)	--	24	U	27	UJ	240	U	910	U
Di-N-Butyl Phthalate (µg/kg)	--	200	U	220	U	2000	U	7600	U
Di-N-Octyl Phthalate (µg/kg)	--	200	U	220	U	2000	U	7600	U
Dinoseb (µg/kg)	--	24	U	27	U	240	U	910	U
Diphenylamine (µg/kg)	--	24	U	27	U	240	U	910	U
Ethyl Methane Sulfonate (µg/kg)	--	200	U	220	U	2000	U	7600	U
Fluoranthene (µg/kg)	--	1300		1400		2900		6500000	
Fluorene (µg/kg)	--	55		44	U	1100		2300000	

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
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Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB111		LND-SB112		LND-SB116		LND-SB117	
	Field Sample ID	CHLND-SB111-001-5-1		CHLND-SB112-001-5-1		CHLND-SB116-001-5-1		CHLND-SB117-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/13/2005		05/13/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC (Continued)									
Hexachlorobenzene (µg/kg)	--	81	U	90	U	810	U	3100	U
Hexachlorobutadiene (µg/kg)	--	200	U	220	U	2000	U	7600	U
Hexachlorocyclopentadiene (µg/kg)	--	810	U	900	U	8100	U	31000	U
Hexachloroethane (µg/kg)	--	200	U	220	U	2000	U	7600	U
Hexachlorophene (µg/kg)	--	180	U	200	U	1800	UJ	6800	U
Hexachloropropene (µg/kg)	--	200	UJ	220	UJ	2000	UJ	7600	UJ
Indeno(1,2,3-Cd)Pyrene (µg/kg)	33790	290		450		340 J		260000	
Isophorone (µg/kg)	--	200	U	180 J		2000	U	7600	U
Isosafrole (µg/kg)	--	200	U	220	U	2000	UJ	7600	U
Methapyrilene (µg/kg)	--	61	U	67	U	610	U	2300	U
Methyl Methane Sulfonate (µg/kg)	--	400	U	440	U	4000	U	15000	U
Naphthalene (µg/kg)	270000	130		170		5100		260000	
Nitrobenzene (µg/kg)	--	40	U	44	U	400	U	1500	U
Nitrosomethylethylamine (µg/kg)	--	400	U	440	U	4000	U	15000	U
N-Nitrosodiethylamine (µg/kg)	--	400	U	440	U	4000	U	15000	U
N-Nitrosodimethylamine (µg/kg)	--	400	U	440	U	4000	U	15000	U
N-Nitroso-Di-N-Butylamine (µg/kg)	--	200	U	220	U	2000	U	7600	U
N-Nitroso-Di-N-Propylamine (µg/kg)	--	200	U	220	U	2000	U	7600	U
N-Nitrosodiphenylamine (µg/kg)	--	200	U	220	U	2000	U	7600	U
N-Nitrosomorpholine (µg/kg)	--	24	U	27	UJ	240	U	910	U
N-Nitrosopiperidine (µg/kg)	--	400	U	440	U	4000	U	15000	U
N-Nitrosopyrrolidine (µg/kg)	--	61	U	67	UJ	610	U	2300	U
O-Toluidine (µg/kg)	--	200	U	220	U	2000	U	7600	U
P-Dimethylaminoazobenzene (µg/kg)	--	200	UJ	220	UJ	2000	UJ	7600	UJ
Pentachlorobenzene (µg/kg)	--	200	U	220	U	2000	U	7600	U
Pentachloronitrobenzene (µg/kg)	--	24	U	27	U	240	U	910	U
Pentachlorophenol (µg/kg)	--	810	U	900	U	8100	U	31000	U
Phenacetin (µg/kg)	--	400	U	440	U	4000	U	15000	U
Phenanthrene (µg/kg)	--	1100		1300		3900		5400000	
Phenol (µg/kg)	--	200	U	220	U	2000	U	7600	U
P-Phenylenediamine (µg/kg)	--	120	UJ	130	UJ	1200	UJ	4600	U
Pronamide (µg/kg)	--	200	U	220	U	2000	U	7600	U
Pyrene (µg/kg)	--	1300		1500		3200		4300000	
Pyridine (µg/kg)	--	810	U	900	U	8100	U	31000	U
Safrole (µg/kg)	--	200	U	220	U	2000	UJ	7600	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB111		LND-SB112		LND-SB116		LND-SB117	
	Field Sample ID	CHLND-SB111-001-5-1		CHLND-SB112-001-5-1		CHLND-SB116-001-5-1		CHLND-SB117-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/13/2005		05/13/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 SVOC TCLP									
1,4-Dichlorobenzene, TCLP (µg/L)	7500	100	U	100	U	100	U	100	U
2,4,5-Trichlorophenol, TCLP (µg/L)	400000	500	U	500	U	500	U	500	U
2,4,6-Trichlorophenol, TCLP (µg/L)	2000	100	U	100	U	100	U	100	U
2,4-Dinitrotoluene, TCLP (µg/L)	130	100	U	100	U	100	U	100	U
2-Methylphenol, TCLP (µg/L)	200000	100	U	100	U	100	U	100	U
Hexachlorobenzene, TCLP (µg/L)	100	100	U	100	U	100	U	100	U
Hexachlorobutadiene, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Hexachloroethane, TCLP (µg/L)	3000	100	U	100	U	100	U	100	U
M/P-Cresol, TCLP (µg/L)	200000	100	U	100	U	100	U	100	U
Nitrobenzene, TCLP (µg/L)	2000	100	U	100	U	100	U	100	U
Pentachlorophenol, TCLP (µg/L)	100000	500	U	500	U	500	U	500	U
Pyridine, TCLP (µg/L)	5000	200	U	200	U	200	U	200	U
A9 VOA									
1,1,1,2-Tetrachloroethane (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
1,1,1-Trichloroethane (µg/kg)	--	5.2	UJ	5.8	UJ	54	U	1400	U
1,1,2,2-Tetrachloroethane (µg/kg)	--	5.2	UJ	5.8	UJ	54	U	1400	U
1,1,2-Trichloroethane (µg/kg)	--	5.2	R	5.8	R	54	U	1400	U
1,1-Dichloroethane (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
1,1-Dichloroethene (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
1,2,3-Trichloropropane (µg/kg)	--	5.2	UJ	5.8	UJ	110	U	2900	U
1,2-Dibromo-3-Chloropropane (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
1,2-Dibromoethane (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
1,2-Dichloroethane (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
1,2-Dichloropropane (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
2-Butanone (µg/kg)	--	5.2	U	5.8	UJ	110	U	2900	U
2-Chloro-1,3-Butadiene (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
2-Hexanone (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
3-Chloropropene (µg/kg)	--	10	UJ	12	UJ	220	U	5700	U
4-Methyl-2-Pentanone (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Acetone (µg/kg)	--	9.7	J+	31	J+	220	U	5700	U
Acetonitrile (µg/kg)	--	42	U	47	U	860	U	23000	U
Acrolein (µg/kg)	--	210	UJ	230	UJ	2200	U	57000	U
Acrylonitrile (µg/kg)	--	42	UJ	47	UJ	430	U	11000	U
Benzene (µg/kg)	63.5	5.2	U	5.8	U	110	U	710	U
Bromodichloromethane (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Bromoform (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Bromomethane (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Carbon Disulfide (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Carbon Tetrachloride (µg/kg)	--	5.2	UJ	5.8	UJ	54	U	1400	U

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB111		LND-SB112		LND-SB116		LND-SB117	
	Field Sample ID	CHLND-SB111-001-5-1		CHLND-SB112-001-5-1		CHLND-SB116-001-5-1		CHLND-SB117-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/13/2005		05/13/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 VOA (Continued)									
Chlorobenzene (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
Chloroethane (µg/kg)	--	5.2	UJ	5.8	UJ	110	U	2900	U
Chloroform (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
Chloromethane (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Cis-1,3-Dichloropropene (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
Dibromochloromethane (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Dibromomethane (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Dichlorodifluoromethane (µg/kg)	--	5.2	UJ	5.8	UJ	110	U	2900	U
Ethylbenzene (µg/kg)	42000	5.2	U	5.8	U	27	U	710	U
Ethylmethacrylate (µg/kg)	--	10	U	12	U	220	U	5700	U
Iodomethane (Methyl Iodide) (µg/kg)	--	10	UJ	12	UJ	220	U	5700	U
Isobutanol (µg/kg)	--	420	U	470	U	11000	U	290000	U
Methylacrylonitrile (µg/kg)	--	10	U	12	U	220	U	5700	U
Methylene Chloride (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Methylmethacrylate (µg/kg)	--	10	U	12	U	220	U	5700	U
Pentachloroethane (µg/kg)	--	10	U	12	U	220	U	5700	U
Propane Nitrile (Propionitrile) (µg/kg)	--	42	U	47	U	860	U	23000	U
Styrene (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
Tetrachloroethene (µg/kg)	484	5.2	U	5.8	U	54	U	1400	U
Toluene (µg/kg)	11400	5.2	U	5.8	U	27	U	710	U
Trans-1,2-Dichloroethene (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
Trans-1,3-Dichloropropene (µg/kg)	--	5.2	U	5.8	U	54	U	1400	U
Trans-1,4-Dichloro-2-Butene (µg/kg)	--	10	U	12	U	220	U	5700	U
Trichloroethene (µg/kg)	275	5.2	U	5.8	U	27	U	710	U
Trichlorofluoromethane (µg/kg)	--	2.8	J	5.8	UJ	110	U	2900	U
Vinyl Acetate (µg/kg)	--	5.2	U	5.8	U	110	U	2900	U
Vinyl Chloride (µg/kg)	--	5.2	U	5.8	U	27	U	710	U
Xylenes (Total) (µg/kg)	165000	5.2	U	5.8	U	260		3900	
FLASHPOINT									
Ignitability (Flashpoint) (degrees)	140	200	>	200	>	200	>	200	>
GENCHEM									
Corrosivity (pH)	--	8.2		6.8		7.4		8	
Paint Filter Test (ml/100g)	0	0		0		0		0	
Phenolics, Total Recoverable (mg/kg)	--	0.59	U	0.49	U	0.29	J	2	
Hg									
Mercury, Total (mg/kg)	--	0.083		0.28		0.43		0.64	
Hg TCLP									
Mercury, TCLP (mg/l)	0.2	0.002	U	0.002	U	0.002	U	0.002	U

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 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB111		LND-SB112		LND-SB116		LND-SB117	
	Field Sample ID	CHLND-SB111-001-5-1		CHLND-SB112-001-5-1		CHLND-SB116-001-5-1		CHLND-SB117-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/13/2005		05/13/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
PCB									
Aroclor-1016 (µg/kg)	--	20	U	22	U	20	U	95	U
Aroclor-1221 (µg/kg)	--	20	U	22	U	20	U	95	U
Aroclor-1232 (µg/kg)	--	20	U	22	U	20	U	95	U
Aroclor-1242 (µg/kg)	--	20	U	22	U	20	U	95	U
Aroclor-1248 (µg/kg)	--	20	U	22	U	20	U	95	U
Aroclor-1254 (µg/kg)	12332	20	U	22	U	20	U	95	U
Aroclor-1260 (µg/kg)	--	20	U	22	U	20	U	330	
Total Pcb (µg/kg)	--	20	U	22	U	20	U	330	
PEST/PCB									
4,4-DDD (µg/kg)	--	10	U	11	U	2.1	U	150	J
4,4-DDE (µg/kg)	--	10	U	27		2.1	U	210	J
4,4-DDT (µg/kg)	--	10	U	32		2.1	U	1300	J
Aldrin (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Alpha-Bhc (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Alpha-Chlordane (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Beta-Bhc (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Delta-Bhc (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Dieldrin (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Endosulfan I (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Endosulfan II (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Endosulfan Sulfate (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Endrin (µg/kg)	--	10	U	11	U	2.1	U	310	J
Endrin Aldehyde (µg/kg)	--	10	U	11	U	2.1	U	180	J
Endrin Ketone (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Gamma-Bhc (Lindane) (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Gamma-Chlordane (µg/kg)	--	10	U	11	U	2.1	U	150	J
Heptachlor (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Heptachlor Epoxide (µg/kg)	--	10	U	11	U	2.1	U	97	UJ
Methoxychlor (µg/kg)	--	50	U	54	U	10	U	470	UJ
Toxaphene (µg/kg)	--	100	U	110	U	20	U	950	UJ
REACTIVE CYANIDE									
Reactivity, Cyanide (mg/kg)	250	2.4	U	2.1	U	0.57		43	
REACTIVE SULFIDE									
Reactivity, Sulfide (mg/kg)	500	12	J	250	U	240	U	12	J

**Table 4-1
 Predesign Landscape Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	LND		LND		LND		LND	
	Location ID	LND-SB111		LND-SB112		LND-SB116		LND-SB117	
	Field Sample ID	CHLND-SB111-001-5-1		CHLND-SB112-001-5-1		CHLND-SB116-001-5-1		CHLND-SB117-001-5-1	
	Date Collected	05/12/2005		05/12/2005		05/13/2005		05/13/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
TCLP OPP									
2,4,5-Tp (Silvex), TCLP (µg/L)	1000	10	U	10	U	10	U	10	U
2,4-D, TCLP (µg/L)	10000	100	U	100	U	100	U	100	U
Chlordane, TCLP (µg/L)	30	10	U	10	U	10	U	10	U
Endrin, TCLP (µg/L)	20	5	U	5	U	5	U	5	U
Gamma-Bhc (Lindane), TCLP (µg/L)	400	5	U	5	U	5	U	5	U
Heptachlor Epoxide, TCLP (µg/L)	8	5	U	5	U	5	U	5	U
Heptachlor, TCLP (µg/L)	8	5	U	5	U	5	U	5	U
Methoxychlor, TCLP (µg/L)	10000	10	U	10	U	10	U	10	U
Toxaphene, TCLP (µg/L)	500	50	U	50	U	50	U	50	U
TCLP VOA									
1,1-Dichloroethene, TCLP (µg/L)	700	100	U	100	U	100	U	100	U
1,2-Dichloroethane, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Benzene, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Carbon Tetrachloride, TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Chlorobenzene, TCLP (µg/L)	100000	100	U	100	U	100	U	100	U
Chloroform, TCLP (µg/L)	6000	100	U	100	U	100	U	100	U
Methyl Ethyl Ketone, TCLP (µg/L)	200000	100	UJ	100	UJ	100	UJ	100	UJ
Tetrachloroethene, TCLP (µg/L)	700	100	R	100	R	100	U	100	U
Trichloroethylene (Tce), TCLP (µg/L)	500	100	U	100	U	100	U	100	U
Vinyl Chloride, TCLP (µg/L)	200	100	U	100	U	100	U	100	U

– Represents result exceeds screening criteria
 Bolded values represent that result was detected above detection limit
 U – Analyte was not detected
 J – Result is estimated
 J+ – Result is estimated biased high
 R – Data is unusable
 > – preceding value exceeds the provided number, the upper limit of the laboratory's detection capability
 µg/kg – micrograms per kilogram
 µg/L – micrograms per liter
 mg/kg – milligrams per kilogram
 mg/L – Milligrams per liter
 ml/100g – milliliters per 100 grams
 -- – Criteria is not available


MCS – Media Cleanup Standard
 Pest – Pesticide
 PCB – Polychlorinated Biphenyl
 VOA – Volatile Organics Analysis
 SVOC – Semivolatile Organic Compound

 A9 – Appendix IX
 TCLP – Toxicity Characteristic Leaching Proc
 OPP – Organo Phosphorous Pesticides
 GENCHEM – General Chemistry
 Hg – Mercury

**Table 4-2
 Predesign Chemical Investigation Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	28		28		245		245		PST	
	Location ID	028-SB090		028-SB099		245-SB085		245-SB085		PST-SB083	
	Field Sample ID	CH028-SB090-001-5-1		CH028-SB099-001-5-1		CH245-SB085-001-5-1		CH245-SB085-004-5-1		CHPST-SB083-008-5-1	
	Date Collected	05/16/2005		05/16/2005		05/16/2005		05/16/2005		05/13/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		4.0-5.0		8.0-9.0	
	Source	WESTON		WESTON		WESTON		WESTON		WESTON	
MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
A9 METALS											
Arsenic, Total (mg/kg)	33.6	18	J-	3	2.9		5.2		12		
Chromium, Total (mg/kg)	612	NA		NA	NA		NA		NA		
Lead, Total (mg/kg)	888	NA		NA	NA		NA		16		
A9 SVOC											
Acetophenone (µg/kg)	1602	NA		NA	350	U	400	U	NA		
Benzo(a)Pyrene (µg/kg)	3379	NA		NA	NA		NA		NA		
Dibenzo(a,h)Anthracene (µg/kg)	3379	NA		NA	NA		NA		NA		

Analyte	Site ID	245		POS		POS		PST		YPP	
	Location ID	245-SB086		POS-SB087		POS-SB088		PST-SB083		YPP-SB092	
	Field Sample ID	CH245-SB086-001-5-1		CHPOS-SB087-001-5-1		CHPOS-SB088-001-5-1		CHPST-SB083-001-5-1		CHYPP-SB092-000-5-1	
	Date Collected	05/13/2005		05/16/2005		05/16/2005		05/13/2005		05/16/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0		0.0-1.0	
	Source	WESTON		WESTON		WESTON		WESTON		WESTON	
MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag	Result	Flag	
A9 METALS											
Arsenic, Total (mg/kg)	33.6	33		160		41		11		NA	
Chromium, Total (mg/kg)	612	NA		1200		NA		NA		140	
Lead, Total (mg/kg)	888	NA		7900		NA		6300		NA	
A9 SVOC											
Acetophenone (µg/kg)	1602	NA		NA		NA		NA		NA	
Benzo(a)Pyrene (µg/kg)	3379	NA		NA		NA		NA		NA	
Dibenzo(a,h)Anthracene (µg/kg)	3379	NA		NA		NA		NA		NA	

 – Represents result exceeds MCS
 Bolded values represent that result was detected above detection limit
 J – Result is estimated
 mg/kg – milligram per kilogram A9 – Appendix IX
 µg/kg – microgram per kilogram SVOC – Semivolatile Organic Compound

**Table 4-2
 Predesign Chemical Investigation Sampling Results
 The Sherwin-Williams Company
 Chicago, Illinois**

Analyte	Site ID	PST		RES		YPP		YPP	
	Location ID	PST-SB084		RES-SB089		YPP-SB091		YPP-SB096	
	Field Sample ID	CHPST-SB084-001-5-1		CHRES-SB089-001-5-1		CHYPP-SB091-001-5-1		CHYPP-SB096-001-5-1	
	Date Collected	05/19/2005		05/16/2005		05/16/2005		05/16/2005	
	Depth	1.0-2.0		1.0-2.0		1.0-2.0		1.0-2.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 METALS									
Arsenic, Total (mg/kg)	33.6	NA		42		NA		NA	
Chromium, Total (mg/kg)	612	NA		NA		450		20	
Lead, Total (mg/kg)	888	34		NA		NA		NA	
A9 SVOC									
Acetophenone (µg/kg)	1602	NA		NA		NA		NA	
Benzo(a)Pyrene (µg/kg)	3379	NA		NA		NA		360	
Dibenzo(a,h)Anthracene (µg/kg)	3379	NA		NA		NA		NA	

Analyte	Site ID	YPP		YPP		YPP		YPP	
	Location ID	YPP-SB093		YPP-SB094		YPP-SB095		YPP-SB097	
	Field Sample ID	CHYPP-SB093-000-5-1		CHYPP-SB094-000-5-1		CHYPP-SB095-000-5-1		CHYPP-SB097-000-5-1	
	Date Collected	05/16/2005		05/16/2005		05/16/2005		05/16/2005	
	Depth	0.0-1.0		0.0-1.0		0.0-1.0		0.0-1.0	
	Source	WESTON		WESTON		WESTON		WESTON	
	MCS	Result	Flag	Result	Flag	Result	Flag	Result	Flag
A9 METALS									
Arsenic, Total (mg/kg)	33.6	NA		NA		NA		NA	
Chromium, Total (mg/kg)	612	110		640		170		62	
Lead, Total (mg/kg)	888	NA		NA		NA		NA	
A9 SVOC									
Acetophenone (µg/kg)	1602	NA		NA		NA		NA	
Benzo(a)Pyrene (µg/kg)	3379	NA		NA		NA		410	
Dibenzo(a,h)Anthracene (µg/kg)	3379	NA		NA		NA		100 J	

 – Represents result exceeds
 Bolded values represent that result was detected above detection lim
 J – Result is estimated
 mg/kg – milligram per kilogram A9 – Appendix IX
 µg/kg – microgram per kilogram SVOC – Semivolatile Organ

Table 4-3
Water Level Measurements
The Sherwin-Williams Company
Chicago, Illinois

Area	Monitoring Well	Casing Elevation (feet MSL)	Depth to Water (feet)	Water Elevation (feet MSL)	Depth to Water (feet)	Water Elevation (feet MSL)	Depth to Water (feet)	Water Elevation (feet MSL)	Depth to Water (feet)	Water Elevation (feet MSL)
			6/14/2005	6/14/2005	7/19/2005	7/19/2005	8/17/2005	8/17/2005	9/23/2005	9/23/2005
3 West	MW001S	594.50	10.82	583.68	10.83	583.67	10.80	583.70	10.03	584.47
2 East	MW002	589.07	6.97	582.10	7.58	581.49	6.40	582.67	6.02	583.05
25-Acre Fill	MW003S	589.23	5.91	583.32	6.24	582.99	5.40	583.83	6.76	582.47
25-Acre Fill	MW004S	589.33	5.72	583.61	5.63	583.70	5.70	583.63	5.77	583.56
25-Acre Fill	MW005S	591.91	5.27	586.64	6.23	585.68	6.32	585.59	6.58	585.33
25-Acre Fill	MW006S	593.49	7.62	585.87	8.21	585.28	8.55	584.94	9.11	584.38
25-Acre Fill	MW007S	593.12	7.84	585.28	8.01	585.11	9.26	583.86	10.53	582.59
3 East	MW008S	591.95	5.88	586.07	6.25	585.70	6.21	585.74	6.63	585.32
25-Acre Fill	MW09S	589.99	7.29	582.70	8.24	581.75	7.28	582.71	10.29	579.70
25-Acre Fill	MW10S	591.755	6.96	584.80	7.13	584.63	7.40	584.36	7.69	584.07
2 East	MW11S	590.665	6.93	583.74	8.17	582.50	8.12	582.55	7.93	582.74
2 East	MW12S	589.01	6.74	582.27	6.82	582.19	6.74	582.27	6.59	582.42
5-Acre Fill	TW-01/SB139	598.68	10.53	588.15	11.44	587.24	11.41	587.27	11.61	587.07
5-Acre Fill	TW-02/SB140	597.97	10.02	587.95	10.60	587.37	10.74	587.23	10.81	587.16
5-Acre Fill	TW-03/SB141	597.43	9.66	587.77	10.11	587.32	10.18	587.25	10.33	587.10
5-Acre Fill	TW-04/SB142	596.94	9.18	587.76	9.68	587.26	9.84	587.10	9.87	587.07

MSL – Mean Sea Level

Table 4-4
Subsurface Obstruction Geoprobe Investigation Results
The Sherwin-Williams Company
Chicago, Illinois

Boring Name	Location	Coordinates (ft)		Refusal (Y/N)	Depth of Refusal (ft bgs)
		X	Y		
GB-001	Northern Boundary of Wall	0	0	Y	2
GB-036	Northern Boundary of Wall	5	0	Y	2
GB-037	Northern Boundary of Wall	10	0	Y	2
GB-038	Northern Boundary of Wall	10	-2	N	N/A
GB-002	Northern Boundary of Wall	35	0	Y	5.5
GB-039	Northern Boundary of Wall	42	0	Y	4
GB-040	Northern Boundary of Wall	42	2	N	N/A
GB-041	Northern Boundary of Wall	65	0	N	N/A
GB-003	Northern Boundary of Wall	70	0	Y	4
GB-042	Northern Boundary of Wall	75	0	N	N/A
GB-004	Northern Boundary of Wall	105	0	N	N/A
GB-005	Northern Boundary of Wall	140	0	N	N/A
GB-006	Northern Boundary of Wall	175	0	N	N/A
GB-045	Northern Boundary of Wall	200	0	Y	2
GB-043	Northern Boundary of Wall	205	0	Y	2
GB-044	Northern Boundary of Wall	205	-2	Y	3
GB-007	Northern Boundary of Wall	210	0	Y	2
GB-046	Northern Boundary of Wall	211	-5	Y	3.5
GB-008	Northern Boundary of Wall	230	0	N	N/A
GB-009	Northern Boundary of Wall	275	0	N	N/A
GB-010	Northern Boundary of Wall	310	0	N	N/A
GB-058	Far Eastern Boundary of Wall	275	20	Y	2
GB-011	Far Eastern Boundary of Wall	310	35	Y	2
GB-047	Far Eastern Boundary of Wall	309	47	Y	6
GB-012	Far Eastern Boundary of Wall	310	70	Y	1
GB-013	Northeastern Corner of Wall	275	65	N	N/A
GB-014	Northeastern Corner of Wall	235	65	N	N/A
GB-015	Eastern Boundary of Wall	223	100	N	N/A
GB-048	Eastern Boundary of Wall	223	125	Y	1
GB-016	Eastern Boundary of Wall	223	135	Y	5.5
GB-059	Eastern Boundary of Wall	223	145	Y	6
GB-017	Eastern Boundary of Wall	223	155	Y	4.5
GB-018	Eastern Boundary of Wall	223	257	Y	4.5
GB-049	Eastern Boundary of Wall	223	269	Y	1
GB-019	Eastern Boundary of Wall	223	292	Y	1.5
GB-050	Eastern Boundary of Wall	223	308	Y	3
GB-020	Eastern Boundary of Wall	223	327	Y	4
GB-051	Eastern Boundary of Wall	223	345	Y	3
GB-021	Eastern Boundary of Wall	223	368	Y	4

Table 4-4
Subsurface Obstruction Geoprobe Investigation Results
The Sherwin-Williams Company
Chicago, Illinois

Boring Name	Location	Coordinates (ft)		Refusal (Y/N)	Depth of Refusal (ft bgs)
		X	Y		
GB-052	Southern Boundary of Wall	215	368	Y	4
GB-053	Southern Boundary of Wall	176	368	Y	1
GB-022	Southern Boundary of Wall	198	368	N	N/A
GB-023	Southern Boundary of Wall	163	368	N	N/A
GB-054	Southern Boundary of Wall	155	368	Y	5
GB-024	Southern Boundary of Wall	128	368	Y	1
GB-025	Southern Boundary of Wall	93	368	N	N/A
GB-026	Southern Boundary of Wall	58	368	N	N/A
GB-055	Southern Boundary of Wall	35	368	Y	4.5
GB-027	Southern Boundary of Wall	23	368	Y	0.5
GB-057	Southern Boundary of Wall	3	368	N	N/A
GB-028	Southern Boundary of Wall	-6	368	N	N/A
GB-029	Western Boundary of Wall	-6	333	N	N/A
GB-030	Western Boundary of Wall	-6	298	Y	2.5
GB-056	Western Boundary of Wall	5	298	Y	3.5
GB-031	Western Boundary of Wall	-6	263	Y	2
GB-032	Western Boundary of Wall	-6	126	N	N/A
GB-033	Western Boundary of Wall	-6	91	N	N/A
GB-034	Western Boundary of Wall	-6	56	N	N/A
GB-035	Western Boundary of Wall	-6	21	N	N/A

Note: (0,0) (X,Y) is located at the northwest corner of the sheet pile wall, as shown on Figure 5-9.

ft – Feet

ft/bgs – Feet Below Ground Surface

**Table 4-5
Geotechnical Analysis Summary
The Sherwin-Willaims Company
Chicago, Illinois**

				Grain Size Distribution by Sieve Analysis	Grain Size Distribution by Sieve and Hydrometer Analysis	Atterberg Limits (LL, PL, PI)	Natural Moisture Content	Specific Gravity	Moisture/ Ash/ Organic Content	1-Dimension Consolidation
Boring Number	Sample Type	Sample Depth (feet)	Soil Type	ASTM D421/422	ASTM D421/422	ASTM D4318	ASTM D2216	ASTM D854	ASTM D2974	ASTM 2435
SB118	Split Spoon	2-4	Fill		X		X			
SB118	Split Spoon	12-14	Clay		X	X	X	X		
SB121	Split Spoon	0-2	Fill		X		X			
SB121	Split Spoon	5-7	Clay		X	X	X			
SB124	Split Spoon	5-7	Fill	X			X			
SB124	Split Spoon	15-17	Clay		X	X	X			
SB126	Split Spoon	5-7	Fill		X		X			
SB126	Split Spoon	10-12	Fill	X			X			
SB126	Split Spoon	15-17	Clay		X	X	X	X		
SB128	Split Spoon	0-2	Fill		X		X			
SB128	Split Spoon	10-12	Clay		X	X	X			
SB133	Shelby Tube	20-22	Clay		X	X	X	X	X	X
SB135	Split Spoon	0-2	Fill	X			X			
SB135	Split Spoon	10-12	Clay		X	X	X	X		
SB137	Split Spoon	0-2	Fill	X			X			
SB137	Split Spoon	5-7	Fill	X			X			
SB137	Split Spoon	10-12	Fill	X			X		X	
SB139	Split Spoon	5-7	Fill	X			X			
SB139	Split Spoon	10-12	Fill	X			X			
SB141	Split Spoon	0-2	Fill	X			X			
SB141	Split Spoon	5-7	Fill	X			X			
SB141	Split Spoon	10-11	Fill		X		X		X	
SB142	Split Spoon	10-12	Fill		X	X	X		X	
SB140	Split Spoon	11-12	Clay		X	X	X	X		
SB138	Split Spoon	11-12	Clay		X	X	X			

**Table 4-5
Geotechnical Analysis Summary
The Sherwin-Willaims Company
Chicago, Illinois**

				Grain Size Distribution by Sieve Analysis	Grain Size Distribution by Sieve and Hydrometer Analysis	Atterberg Limits (LL, PL, PI)	Natural Moisture Content	Specific Gravity	Moisture/ Ash/ Organic Content	1-Dimension Consolidation
Boring Number	Sample Type	Sample Depth (feet)	Soil Type	ASTM D421/422	ASTM D421/422	ASTM D4318	ASTM D2216	ASTM D854	ASTM D2974	ASTM 2435
SB137	Split Spoon	15-17	Clay		X		X	X	X	
SB137	Split Spoon	20-22	Clay			X	X			
SB140	Split Spoon	15-17	Clay		X		X			
SB140	Split Spoon	20-22	Clay			X	X			
SB143	Split Spoon	5-7	Fill	X			X			
SB143	Split Spoon	10-12	Clay		X		X			
SB143	Split Spoon	15-17	Clay		X	X	X			
SB143	Shelby Tube	28-30	Clay		X	X	X			X
SB145	Split Spoon	0-2	Fill	X			X			
SB145	Split Spoon	10-12	Clay	X			X			
SB145	Split Spoon	15-17	Clay		X		X		X	
SB145	Split Spoon	20-22	Clay		X		X	X		
SB145	Split Spoon	25-27	Clay		X	X	X		X	
SB146	Shelby Tube	30-32	Clay		X	X	X			X
SB148	Split Spoon	5-7	Fill		X		X			
SB148	Split Spoon	10-12	Clay		X		X			
SB148	Split Spoon	15-17	Clay		X	X	X		X	
SB148	Split Spoon	25-27	Clay		X		X		X	
SB148	Split Spoon	30-32	Clay		X		X	X		

LL – Liquid Limit
 PL – Plastic Limit
 PI – Plasticity Index

Table 4-6
Bioremediation Sampling Results
VOC Concentrations (µg/kg)
The Sherwin-Williams Company
Chicago, Illinois

Treatment	Sample Date	Units	Benzene	Toluene	Ethylbenzene	Xylene	Total BTEX	Percent Reduction
MCS (Cleanup Objective)			63.5 µg/kg	11,400 µg/kg	42,000 µg/kg	165,000 µg/kg	µg/kg	
Sterile Control	5/26/2005	µg/kg	40,140	42,770	7,206	50,990	141,106	0.0%
	5/28/2005	µg/kg	32,260	42,409	4,750	50,980	130,399	7.6%
	6/2/2005	µg/kg	7,260	13,010	1,750	17,870	39,890	71.7%
	6/9/2005	µg/kg	5,580	8,160	1,067	11,280	26,087	81.5%
	6/16/2005	µg/kg	11,280	13,340	1,605	14,660	40,885	71.0%
	6/23/2005	µg/kg	7,620	9,060	912	9,085	26,677	81.1%
	6/30/2005	µg/kg	8,120	7,100	681	7,390	23,291	83.5%
	7/8/2005	µg/Kg	3,057	3,290	454	4,700	11,501	91.8%
	7/14/2005	µg/kg	1,700	2,310	310	2,940	7,260	94.9%
	7/21/2005	µg/kg	7,860	6,360	690	7,260	22,170	84.3%
Control	5/26/2005	µg/kg	1,046,200	531,640	22,470	218,090	1,818,400	0.0%
	5/28/2005	µg/kg	438,260	314,690	16,230	180,880	950,060	47.8%
	6/2/2005	µg/kg	19,420	21,550	2,103	2,339	45,412	97.5%
	6/9/2005	µg/kg	31,570	24,770	1,940	21,990	80,270	95.6%
	6/16/2005	µg/kg	20,020	16,570	1,350	15,350	53,290	97.1%
	6/23/2005	µg/kg	25,240	22,460	1,940	1,940	51,580	97.2%
	6/30/2005	µg/kg	26,860	18,290	1,290	14,910	61,350	96.6%
	7/8/2005	µg/kg	13,330	10,260	816	9,130	33,536	98.2%
	7/14/2005	µg/kg	8,580	7,380	734	8,100	24,794	98.6%
	7/21/2005	µg/kg	15,290	12,200	888	9,905	38,283	97.9%
T1	5/26/2005	µg/kg	1,286,700	725,890	26,140	301,030	2,339,760	0.0%
	5/28/2005	µg/kg	558,030	336,880	13,840	157,990	1,066,740	54.4%
	6/2/2005	µg/kg	23,010	28,910	2,680	30,530	85,130	96.4%
	6/9/2005	µg/kg	20,560	19,450	1,780	21,560	63,350	97.3%
	6/16/2005	µg/kg	16,430	15,230	1,450	16,160	49,270	97.9%
	6/23/2005	µg/kg	24,670	22,070	1,440	16,450	64,630	97.2%
	6/30/2005	µg/kg	25,980	23,940	1,100	15,140	66,160	97.2%
	7/8/2005	µg/kg	38,730	29,050	1,007	11,400	80,187	96.6%
	7/14/2005	µg/kg	4,200	5,400	650	8,190	18,440	99.2%
	7/21/2005	µg/kg	10,010	7,800	599	7,040	25,449	98.9%
T2	5/26/2005	µg/kg	637,590	379,200	17,490	175,600	1,209,880	0.0%
	5/28/2005	µg/kg	377,800	274,610	12,180	143,660	808,250	33.2%
	6/2/2005	µg/kg	39,380	58,800	5,870	59,050	163,100	86.5%
	6/9/2005	µg/kg	22,050	18,060	1,640	17,870	59,620	95.1%
	6/16/2005	µg/kg	11,080	10,530	1,056	11,420	34,086	97.2%
	6/23/2005	µg/kg	48,670	31,410	1,840	19,560	101,480	91.6%
	6/30/2005	µg/kg	16,810	12,800	8,790	12,020	50,420	95.8%
	7/8/2005	µg/kg	11,180	9,530	922	10,330	31,962	97.4%
	7/14/2005	µg/kg	6,035	4,730	436	4,560	15,761	98.7%
	7/21/2005	µg/kg	15,130	11,350	929	9,650	37,059	96.9%

**Table 4-6
Bioremediation Sampling Results
VOC Concentrations (µg/kg)
The Sherwin-Williams Company
Chicago, Illinois**

Treatment	Sample Date	Units	Benzene	Toluene	Ethylbenzene	Xylene	Total BTEX	Percent Reduction
MCS (Cleanup Objective)			63.5 µg/kg	11,400 µg/kg	42,000 µg/kg	165,000 µg/kg	µg/kg	
T3	5/26/2005	µg/kg	1,071,540	556,190	21,690	249,570	1,898,990	0.0%
	5/28/2005	µg/kg	304,570	203,240	9,940	114,170	631,920	66.7%
	6/2/2005	µg/kg	25,520	34,850	4,180	46,440	110,990	94.2%
	6/9/2005	µg/kg	19,220	20,250	1,960	21,670	63,100	96.7%
	6/16/2005	µg/kg	8,500	8,750	762	8,640	26,652	98.6%
	6/23/2005	µg/kg	18,940	15,440	1,690	16,290	52,360	97.2%
	6/30/2005	µg/kg	10,560	8,760	762	8,860	28,942	98.5%
	7/8/2005	µg/kg	12,360	8,100	634	6,690	27,784	98.5%
	7/14/2005	µg/kg	5,906	5,220	514	5,170	16,810	99.1%
7/21/2005	µg/kg	5,052	5,035	565	6,740	17,392	99.1%	
T4	5/26/2005	µg/kg	2,210,910	923,440	32,320	344,370	3,511,040	0.0%
	5/28/2005	µg/kg	336,170	271,780	13,690	152,780	774,420	77.9%
	6/2/2005	µg/kg	138,990	127,570	7,170	75,780	349,510	90.0%
	6/9/2005	µg/kg	21,520	29,510	3,057	35,590	89,677	97.4%
	6/16/2005	µg/kg	11,890	13,900	1,340	15,850	42,980	98.8%
	6/23/2005	µg/kg	22,430	19,470	1,460	16,460	59,820	98.3%
	6/30/2005	µg/kg	22,510	15,750	1,030	12,640	51,930	98.5%
	7/8/2005	µg/kg	11,050	9,660	738	8,840	30,288	99.1%
	7/14/2005	µg/kg	7,930	8,640	840	9,500	26,910	99.2%
7/21/2005	µg/kg	7,170	6,460	529	6,405	20,564	99.4%	
T5	5/26/2005	µg/kg	1,443,760	712,820	26,990	280,160	2,463,730	0.0%
	5/28/2005	µg/kg	409,680	292,300	12,160	142,220	856,360	65.2%
	6/2/2005	µg/kg	20,180	34,000	3,260	38,480	95,920	96.1%
	6/9/2005	µg/kg	13,450	16,440	1,530	17,820	49,240	98.0%
	6/16/2005	µg/kg	10,480	9,810	917	10,840	32,047	98.7%
	6/23/2005	µg/kg	34,540	28,100	1,790	20,980	85,410	96.5%
	6/30/2005	µg/kg	23,030	16,380	1,100	12,970	53,480	97.8%
	7/8/2005	µg/kg	13,040	14,980	1,290	15,620	44,930	98.2%
	7/14/2005	µg/kg	8,606	8,510	759	9,006	26,881	98.9%
7/21/2005	µg/kg	7,280	5,630	493	6,109	19,512	99.2%	
T6	5/26/2005	µg/kg	427,320	238,640	11,730	119,650	797,340	0.0%
	5/28/2005	µg/kg	214,440	159,540	8,050	84,640	466,670	41.5%
	6/2/2005	µg/kg	18,290	19,840	1,870	18,880	58,880	92.6%
	6/9/2005	µg/kg	15260	15230	1680	19510	51680	93.5%
	6/16/2005	µg/kg	29820	22830	1170	18450	72,270	90.9%
	6/23/2005	µg/kg	29580	22520	1160	13640	66,900	91.6%
	6/30/2005	µg/kg	11660	9340	761	8700	30,461	96.2%
	7/8/2005	µg/kg	17220	12520	1000	10710	41,450	94.8%
	7/14/2005	µg/kg	4770	4940	496	5600	15806	98.0%
7/21/2005	µg/kg	7093	6100	607	6710	20510	97.4%	

µg/kg – micrograms per kilogram

MCS – Media Cleanup Standards

Shaded cells denote concentrations above MCS.

Table 4-7
Bioremediation Sampling Results
Inorganic Concentrations (mg/kg)
The Sherwin-Williams Company
Chicago, Illinois

Treatment	Sample Date	Units	NH3-N	NO3-N	Ortho-P	Arsenic	Chromium	Lead
Sterile Control	5/26/2005	mg/kg	402	-69	134	41	110	300
	5/28/2005	mg/kg	444	-59	205			
	6/2/2005	mg/kg	104	-22	115			
	6/9/2005	mg/kg	363	-57	328			
	6/16/2005	mg/kg	193	-27	125			
	6/23/2005	mg/kg	93	-20	172			
	6/30/2005	mg/kg	43	-32	190			
	7/7/2005	mg/kg	235	-54	277			
	7/14/2005	mg/kg	156	-58	399			
	7/21/2005	mg/kg	100	-23	117			
Control	5/26/2005	mg/kg	556	-70	222	36	73	222
	5/28/2005	mg/kg	586	-64	269			
	6/2/2005	mg/kg	104	-21	108			
	6/9/2005	mg/kg	417	-55	312			
	6/16/2005	mg/kg	167	-21	113			
	6/23/2005	mg/kg	215	-28	95			
	6/30/2005	mg/kg	109	-27	153			
	7/7/2005	mg/kg	84	-43	177			
	7/14/2005	mg/kg	62	-36	189			
	7/21/2005	mg/kg	126	-23	130			
T1	5/26/2005	mg/kg	390	-61	311	42	106	327
	5/28/2005	mg/kg	495	65	193			
	6/2/2005	mg/kg	126	-23	116			
	6/9/2005	mg/kg	451	-53	253			
	6/16/2005	mg/kg	214	-23	126			
	6/23/2005	mg/kg	167	-22	126			
	6/30/2005	mg/kg	165	-40	198			
	7/7/2005	mg/kg	318	-44	265			
	7/14/2005	mg/kg	57	-32	188			
	7/21/2005	mg/kg	333	-25	212			
T2	5/26/2005	mg/kg	556	-70	222	22	84	202
	5/28/2005	mg/kg	374	-58	169			
	6/2/2005	mg/kg	98	-21	99			
	6/9/2005	mg/kg	206	-29	141			
	6/16/2005	mg/kg	210	-26	136			
	6/23/2005	mg/kg	83	-21	157			
	6/30/2005	mg/kg	102	-52	254			
	7/7/2005	mg/kg	206	-40	204			
	7/14/2005	mg/kg	44	-28	175			
	7/21/2005	mg/kg	161	-23	149			
T3	5/26/2005	mg/kg	433	-71	116	36	96	332
	5/28/2005	mg/kg	473	-59	250			
	6/2/2005	mg/kg	105	-22	99			
	6/9/2005	mg/kg	241	-28	181			
	6/16/2005	mg/kg	149	-19	123			
	6/23/2005	mg/kg	160	-27	85			
	6/30/2005	mg/kg	93	-49	207			
	7/7/2005	mg/kg	118	-33	149			
	7/14/2005	mg/kg	45	-25	148			
	7/21/2005	mg/kg	239	-22	117			

Table 4-7
Bioremediation Sampling Results
Inorganic Concentrations (mg/kg)
The Sherwin-Williams Company
Chicago, Illinois

Treatment	Sample Date	Units	NH3-N	NO3-N	Ortho-P	Arsenic	Chromium	Lead
T4	5/26/2005	mg/kg	477	102	127	47	90	321
	5/28/2005	mg/kg	360	-63	115			
	6/2/2005	mg/kg	130	-24	108			
	6/9/2005	mg/kg	245	28	202			
	6/16/2005	mg/kg	270	-24	160			
	6/23/2005	mg/kg	310	-25	104			
	6/30/2005	mg/kg	173	-35	177			
	7/7/2005	mg/kg	233	-42	224			
	7/14/2005	mg/kg	106	-41	444			
	7/21/2005	mg/kg	376	-24	210			
T5	5/26/2005	mg/kg	406	-70	70	40	79	317
	5/28/2005	mg/kg	284	-63	74			
	6/2/2005	mg/kg	106	-23	94			
	6/9/2005	mg/kg	294	-24	171			
	6/16/2005	mg/kg	173	-21	106			
	6/23/2005	mg/kg	177	-21	108			
	6/30/2005	mg/kg	251	-42	233			
	7/7/2005	mg/kg	237	-39	202			
	7/14/2005	mg/kg	70	-25	192			
	7/21/2005	mg/kg	187	-21	142			
T6	5/26/2005	mg/kg	404	-64	108	19	83	577
	5/28/2005	mg/kg	360	-59	192			
	6/2/2005	mg/kg	121	-21	100			
	6/9/2005	mg/kg	284	-26	184			
	6/16/2005	mg/kg	217	-25	162			
	6/23/2005	mg/kg	158	-22	123			
	6/30/2005	mg/kg	162	-47	236			
	7/7/2005	mg/kg	203	-46	232			
	7/14/2005	mg/kg	45	-42	242			
	7/21/2005	mg/kg	170	-24	149			

mg/kg – milligrams per kilogram

Table 4-8
Bioremediation Sampling Results
Microbial Hydrocarbon Degradar Concentrations (CFU/g)
The Sherwin-Williams Company
Chicago, Illinois

Treatment	Sample Date	CFU/g soil
Sterile Control	5/26/2005	<100
	5/28/2005	<100
	6/2/2005	<100
	6/9/2005	<100
	6/16/2005	<100
	6/23/2005	<100
	6/30/2005	<100
	7/8/2005	<100
	7/14/2005	<100
	7/21/2005	4.E+07
Control	5/26/2005	<100
	5/28/2005	<100
	6/2/2005	<100
	6/9/2005	<100
	6/16/2005	<100
	6/23/2005	<100
	6/30/2005	<100
	7/8/2005	3.E+04
	7/14/2005	2.E+06
	7/21/2005	4.E+07
T1	5/26/2005	<100
	5/28/2005	<100
	6/2/2005	<100
	6/9/2005	<100
	6/16/2005	9.E+01
	6/23/2005	<100
	6/30/2005	2.E+05
	7/8/2005	2.E+06
	7/14/2005	3.E+07
	7/21/2005	6.E+07
T2	5/26/2005	<100
	5/28/2005	<100
	6/2/2005	<100
	6/9/2005	1.E+03
	6/16/2005	7.E+03
	6/23/2005	2.E+03
	6/30/2005	1.E+07
	7/8/2005	6.E+06
	7/14/2005	6.E+07
	7/21/2005	3.E+07
T3	5/26/2005	<100
	5/28/2005	<100
	6/2/2005	<100
	6/9/2005	3.E+05
	6/16/2005	1.E+06
	6/23/2005	8.E+05
	6/30/2005	7.E+05
	7/8/2005	1.E+07
	7/14/2005	1.E+08
	7/21/2005	2.E+08

Table 4-8
Bioremediation Sampling Results
Microbial Hydrocarbon Degradar Concentrations (CFU/g)
The Sherwin-Williams Company
Chicago, Illinois

Treatment	Sample Date	CFU/g soil
T4	5/26/2005	<100
	5/28/2005	<100
	6/2/2005	<100
	6/9/2005	4.E+03
	6/16/2005	2.E+03
	6/23/2005	1.E+04
	6/30/2005	8.E+05
	7/8/2005	3.E+06
	7/14/2005	3.E+07
	7/21/2005	8.E+07
T5	5/26/2005	<100
	5/28/2005	<100
	6/2/2005	<100
	6/9/2005	9.E+02
	6/16/2005	1.E+03
	6/23/2005	5.E+05
	6/30/2005	8.E+05
	7/8/2005	9.E+06
	7/14/2005	1.E+08
	7/21/2005	1.E+08
T6	5/26/2005	<100
	5/28/2005	<100
	6/2/2005	<100
	6/9/2005	6.E+02
	6/16/2005	6.E+05
	6/23/2005	1.E+06
	6/30/2005	7.E+06
	7/8/2005	1.E+07
	7/14/2005	8.E+07
	7/21/2005	1.E+08

CFU/g – Colony Forming Units per gram

Table 4-9
 Landfill Gas Analytical Results
 The Sherwin-Williams Company
 Chicago, Illinois
 Analysis by EPA Method 8260B (Modified)

Client Sample ID:	Meth Blk	Trip-1	PSG-1	PSG-2	PSG-3	PSG-4	PSG-5	PSG-6	PSG-7	PSG-8	PSG-9	PSG-10
Lab File ID:	05053103	05053104	05053105	05053106	05053107	05053108	05053109	05053110	05053111	05053112	05053113	05053114
Received Date:	---	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005
Analysis Date:	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005	5/31/2005
Units:	ng/trap	ng/trap	ng/trap	ng/trap	ng/trap	ng/trap	ng/trap	ng/trap	ng/trap	ng/trap	ng/trap	ng/trap
COMPOUNDS												
1,1-Dichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichlorotrifluoroethane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
trans-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Methyl-t-butyl ether	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,2-Dichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chloroform	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
2,2-Dichloropropane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,1-Trichloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1-Dichloropropene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Carbon Tetrachloride	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Benzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichloropropane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Trichloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
cis-1,3-Dichloropropene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
trans-1,3-Dichloropropene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2-Trichloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Toluene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichloropropane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dibromoethane (EDB)	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Tetrachloroethene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,1,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Chlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Ethylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
p & m-Xylene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Bromoform	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,1,2,2-Tetrachloroethane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
o-Xylene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichloropropane	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Isopropylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3,5-Trimethylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trimethylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,3-Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,4-Dichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2-Dichlorobenzene	<25	<25	<25	75	<25	<25	<25	<25	<25	<25	<25	<25
n-Butylbenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,4-Trichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
Naphthalene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25
1,2,3-Trichlorobenzene	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25	<25

Bolded values represent that result was detected above detection limit

All results in nanograms (ng).

ng/trap – nanograms per trap

J – Estimated value below reported quantitation level.

B – Detected in method blank.

Table 5-1
Geotechnical Summary
DDC Analysis
The Sherwin-Williams Company
Chicago, Illinois

Gradation Test Number	Boring	Depth Interval	USCS Classification	Plasticity Index	Percentage of Fines	Zone
1	SB-135	0-2	SP-SM	--	10.3	1
2	SB-135	10-12	CL	24	89.2	2/3
3	SB-137	0-2	SM	--	15.9	1
4	SB-137	5-7	SP-SM	--	10.6	1
5	SB-137	10-12	SM	--	21.6	1
6	SB-138	11-12	SC	14	43.6	2/3
7	SB-139	5-7	SP-SM	--	7.4	1
8	SB-139	10-12	SM	--	14.5	1
9	SB-140	11-12	CL	22	92.4	3
10	SB-141	0-2	ML	--	66.4	2
11	SB-141	5-7	SP-SM	--	9.7	1
12	SB-141	10-11	SM	--	49.0	2
13	SB-142	10-11	CL	--	57.1	2

DDC – Deep Dynamic Compaction

SP-SM – Poorly Graded Sand with Silt

SC – Clayey Sand

SM – Silty Sand

CL – Lean Clay

ML – Silt

Table 5-2
Sheet Pile Seepage Calculation Summary
The Sherwin-Williams Company
Chicago, Illinois

Steel Sheet Piling Section	Sheet Piling Interlock Condition	Sheet Pile Pairs with Welded Joints?	Total Seepage (gpm)	Total Groundwater Inflow After 50 Years (gal)	Total Groundwater Elevation Rise After 50 Years (ft)
AZ-18	Empty	No	12.14	319,039,200	1594.7
AZ-18	Empty	Yes	6.07	159,519,600	797.3
AZ-18	Bituminous Joint Filler	No	1.62	42,573,600	212.8
AZ-18	Bituminous Joint Filler	Yes	0.81	21,286,800	106.4
AZ-18	Water-Swelling Agent Joint Filler	No	0.008	210,240	1.1
AZ-18	Water-Swelling Agent Joint Filler	Yes	0.004	105,120	0.5
PZ-27	Empty	No	16.78	440,978,400	2204.2
PZ-27	Empty	Yes	8.37	219,963,600	1099.5
PZ-27	Bituminous Joint Filler	No	2.24	58,867,200	294.2
PZ-27	Bituminous Joint Filler	Yes	1.12	29,433,600	147.1
PZ-27	Water-Swelling Agent Joint Filler	No	0.011	289,080	1.4
PZ-27	Water-Swelling Agent Joint Filler	Yes	0.005	131,400	0.7

Note: the calculated groundwater elevation rise does not take into account the decreasing rate of inflow that would occur as the groundwater level within the sheet piled area increases.

gpm – gallons per minute

gal – gallon

ft – feet

Table 7-1
Preliminary Table of Contents for Technical Specifications
The Sherwin-Williams Company
Chicago, Illinois

TECHNICAL SPECIFICATIONS

Section Number

Title

DIVISION 1—GENERAL REQUIREMENTS

01100	Summary
01180	Codes and Standards
01190	Abbreviations and Symbols
01200	Price and Payment Procedures
01300	Administrative Requirements
01323	Network Analysis Schedules
01330	Submittal Procedures
01390	Health and Safety
01400	Quality Requirements
01500	Temporary Facilities and Controls
01566	Erosion Control
01600	Product Requirements
01700	Execution Requirements
01810	Commissioning

DIVISION 2—SITE WORK

02055	Soils
02060	Aggregate
02081	Manholes and Structures
02191	Bioremediation of Soils
02221	Building Demolition
02230	Site Clearing
02241	Dewatering
02311	Rough Grading
02315	Excavation and Fill
02316	Rock Removal
02320	Backfill
02324	Trenching
02371	Riprap and Rock Lining
02374	Erosion Control Devices
02488	Sheet Piling
02526	Monitoring and Extraction Wells
02536	Force Mains
02590	High Density Polyethylene Geomembrane
02595	Geotextiles
02599	Geocomposite Drainage Layers
02610	Pipe Culverts
02630	Storm Drainage

Table 7-1 (Continued)
Preliminary Table of Contents for Technical Specifications
The Sherwin-Williams Company
Chicago, Illinois

02661	Pond and Reservoir Liners
02721	Aggregate Base Course
02740	Flexible Pavement
02741	Impermeable Pavement
02750	Rigid Pavement
02763	Painted Pavement Markings
02821	Chain Link Fences and Gates
02841	Guide Rail
02842	Parking Bumpers
02923	Landscape Grading
02924	Seeding and Soil Supplements
02925	Sodding
02958	Manhole Grout Sealing

DIVISION 3—CONCRETE

03100	Concrete Forms and Accessories
03200	Concrete Reinforcement
03300	Cast-in-Place Concrete
03390	Concrete Curing
03410	Plant-Precast Structural Concrete
03480	Precast Concrete Valve Vaults and Meter Boxes
03600	Grout

DIVISION 5—METALS

05120	Structural Steel
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DIVISION 6—WOODS AND PLASTICS

06003	Very Flexible Polyethylene Geomembrane
06020	Geotextiles

DIVISION 11—EQUIPMENT

11250	Pneumatic Pumps
11313	Sump Pumps
11372	Air Compressors

DIVISION 13—SPECIAL CONSTRUCTION

13121	Pre-Engineered Buildings
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Table 7-1 (Continued)
Preliminary Table of Contents for Technical Specifications
The Sherwin-Williams Company
Chicago, Illinois

DIVISION 15—MECHANICAL

15130 Pumps

DIVISION 16—ELECTRICAL

16060 Grounding and Bonding
16123 Building Wire and Cable
16130 Raceway and Boxes
16131 Cabinets and Enclosures
16140 Wiring Devices
16210 Electrical Utility Services
16225 Motors
16111 Conduit
16123 Wire and Cable
16130 Boxes
16141 Wiring Devices
16151 Process Motors
16152 Non-Process Motors
16160 Cabinets and Enclosures
16170 Grounding and Bonding
16190 Supporting Devices
16195 Electrical Identification
16421 Utility Service Entrance
16442 Switchboards
16461 Dry-Type Transformers
16470 Panel Boards
16480 Motor Control
16495 Transfer Switch
16510 Lighting Fixtures and Lamps

**Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois**

						COMMENTS
	Quantity	Unit	Unit Price	Cost	Subtotal	
DIRECT CAPITAL COSTS						
GENERAL COSTS APPLICABLE TO THE SITE						
BONDS	1	LS	\$150,000	\$150,000		Payment & Performance Bond. Approximately 1.5% of total Capital Cost. Approximately 1% of total Capital Cost.
MOBILIZATION/DEMOBILIZATION	1	LS	\$100,000	\$100,000	<u>\$250,000</u>	
LAND USE RESTRICTIONS	Job	EST	\$20,000	\$20,000	<u>\$20,000</u>	Deed restriction limiting use to recreational.
SITE PREPARATION						
Clearing and Grubbing – Vegetation Removal	26	ACRE	\$3,000	\$78,000		Includes removal of vegetation and any surface debris present on the 5-Acre Fill Area and 25-Acre Fill Area. Unit cost includes off-site management of material. Includes removal of vegetation, surface debris, and existing cover (railroad tracks, gravel, asphalt, concrete) from the entire site (excluding 5-Acre Fill and 25-Acre Fill). Unit cost from Means + 10% for surface debris. Unit cost assumes either reuse (stone) or off-site management of material that can not be reused (e.g., debris, concrete, and asphalt).
Clearing and Grubbing - Surface Debris/Existing Cover	6	ACRE	\$5,000	\$30,000		
Utility Relocation	100	LF	\$40	\$4,000.00		Includes removal/relocation of stormwater utilities and removal of fire hydrant and extensions in Area 2 East. Unit cost based on Means installation of new lines. Includes removal of concrete pad and scale, existing building, and shallow concrete foundations. Cost is based on Means + 50% for removal of subsurface obstructions including heavily reinforced concrete (scale).
Concrete Demolition	1	ACRE	\$10,000	\$10,000.00		
Monitoring Well Casing Conversion Access Improvements	5	EA	\$200	\$1,000		Includes conversion of stick-up to flush-mount monitoring wells, and reconfiguration of dedicated bladder pumps. Cost based on verbal quote from Transhield Drilling. Approximately seven wells require conversion.
Gravel Road	990	CY	\$15	\$14,850		Includes materials, delivery, compaction and grading. Cost of CA-6 crushed stone from Prairie Materials and installation labor from Means. Gravel roadways required for easier site access and repair of existing roadways/driveways. Addition of fences around areas undergoing remediation, specifically Areas 2 and 3. Assumes eight-foot fence, no top railing, and cross-braces. Fence cost from Illiana Fence.
Fences	4,900	LF	\$15	\$73,500		
Gates	4	EA	\$1,500	\$6,000		Assumes that a total of four gates will need to be installed for site access during the RMI. One is required in Area 3 East, Area 4, 5-Acre Fill Area, and 25-Acre Fill Area. Standard truck gate cost from Illiana Fence.
Cut Existing Curb	1	LS	\$300	\$300		Concrete cut of existing curb to allow vehicles to easily access the 5-Acre Fill Area. Cost based on two hours for Litgen to cut curbs.
Utility Hookup	3	EA	\$2,500	\$7,500	<u>\$225,200</u>	Connection of trailer to existing power lines located at the site. Cost includes installing temporary construction meter. Assumes that 3 different connections with power/phone lines will be required. One connection will be in the northern section of the site during paving and sheet pile installation; the second will be at the 5-Acre Fill Area; and the third will be at the 25-Acre Fill Area.

Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois

REMEDY IMPLEMENTATION

AREAS 1, 2 WEST, 3 WEST, AND 4

ENGINEERED BARRIER - AREAS 1, 2 WEST, 3 WEST, AND 4

Six-inch Asphalt Layer	569,000	SF	\$2.80	\$1,593,200
Six-inch Subgrade Layer	10,537	CY	\$15	\$158,056
12-inch Soil Layer	2,110	CY	\$10	\$21,100
Geotextile Layer	56,900	SF	\$0.75	\$42,675

\$1,815,000

STORMWATER IMPROVEMENTS

Stormwater Piping	7,900	LF	\$50	\$395,000
Catch Basins	75	EA	\$2,000	\$150,000
Curbing	10,000	LF	\$10.00	\$100,000
Outfall Piping	800	LF	\$100	\$80,000

\$725,000

EXCAVATION/BACKFILL/ON-SITE CONSOLIDATION (AREA 3 WEST HOTSPOTS)

Excavation	230	CY	\$6	\$1,378
Soil Consolidation on 25-Acre Fill Area	230	CY	\$6	\$1,380
Backfill (following treatment)	230	CY	\$10	\$2,300
Verification Sampling Supplies	1	Job	\$500	\$500
Laboratory Analysis	16	Sample	\$600	\$9,600

\$15,200

AREA 2 EAST

ASPHALT CAP - AREA 2 EAST

6-inch MatCon Impermeable Asphalt Layer	98,800	SF	\$3.79	\$374,452
6-inch Subgrade Layer	1,830	CY	\$15	\$27,444
Geofabric	98,800	SF	\$0.15	\$14,820

\$416,700

Assumes 50% of the areas will be asphalt, 5% will be soil, and 45% will be buildings.

Includes material, equipment, labor, placement, compaction, hauling. Unit cost from Gallagher Paving.

Includes material, equipment, labor, placement, compaction, hauling. Unit cost from Prairie Materials.
Includes material, equipment, labor, placement, compaction, hauling. Unit cost from Krosswyk Trucking and Excavating.

Includes material, equipment, labor, and placement. Assume that geotextile used is SI Geosolutions non-woven geotextile.
Assumes an installation rate of 22,000 SF per day for asphalt. Overall job duration includes clearing, sub-base grading

Unit costs derived from Means. Stormwater improvements needed in Areas 1, 2 West, 2 East, 3 West, 3 East, and Area 4. Quantities derived from estimated layout of stormwater system.

Unit costs derived from Means. Stormwater improvements needed in Areas 1, 2 West, 2 East, 3 West, 3 East, and Area 4. Quantities derived from estimated layout of stormwater system.

Unit costs derived from Means. Stormwater improvements needed in Areas 1, 2 West, 2 East, 3 West, 3 East, and Area 4. Quantities derived from estimated layout of stormwater system.

Unit costs derived from Means. Stormwater improvements needed in Areas 1, 2 West, 2 East, 3 West, 3 East, and Area 4. Quantities derived from estimated layout of stormwater system.

Average depth of excavation is ten feet bgs.

Excavation of two hotspots within Area 3 West. Northern removal is assumed to be ten square feet with depth of eight feet. Southern removal is assumed to be 30 square feet with depth of five feet. Unit cost from Means.

Temporary decontamination pad. Use plastic sheeting and RR ties for water containment.

Backfill of treated soil into original excavation. Unit cost from Means.

Verification sampling will be done to ensure all contamination has been excavated. Samples will be collected from the walls and floor of the excavations.

Includes PID/FID and disposable sampling supplies (e.g., gloves and scoops).

Samples analyzed for Metals and SVOCs. 24-Hour turn-around time. Assumes smaller excavation will have one sample from each wall and two from floor. Assumes larger excavation will have two samples from each wall and two from floor.

Includes material, equipment, labor, placement, compaction, and hauling. Cost estimated based on per-acre cost from Wilder Construction (MatCon patent holder).

Includes material, equipment, labor, placement, compaction, and hauling. Unit cost from Prairie Materials.

Includes material, equipment, and labor. Unit cost based on cost from Wilder Construction.

Assumes an installation rate of 22,000 SF per day.

**Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois**

AREA 3 EAST					
EXCAVATION/SOIL HANDLING/BACKFILL					
Building Foundation Removal	240	CY	\$10	\$2,400	
Excavation	2,700	CY	\$6	\$16,200	
Soil Screening (debris removal)	5	DAY	\$720	\$3,600	
Debris Decontamination	510	CY	\$5	\$2,550	
Dust Control	11	DAY	\$600	\$6,600	
Temporary Decontamination Pad	1	EA	\$500	\$500	
Backfill (following treatment)	2,700	CY	\$6	\$16,200	
					\$48,100
OFF-SITE DISPOSAL OF DEBRIS					
Transportation	510	CY	\$8	\$4,080	
Disposal (Special Waste)	510	CY	\$35	\$17,850	
					\$21,900
EX-SITU BIOLOGICAL TREATMENT					
Equipment Rental (windrow turning machine)	20	Week	\$7,000	\$140,000	
Soil Amendment – Microbes (Alken Clear-Flo® 7038)	3,848	LB	\$25	\$96,200	
Soil Amendment – Nutrients (Alken Bio-Nutrient 4)	577	LB	\$4.00	\$2,300	
Soil Transportation and Placement on 25-Acre Fill Area	2,700	CY	\$10.00	\$27,000	
Negative Airflow System	20	Week	\$750	\$15,000	
Temporary Stormwater Management System					
Asphalt Curbs	1,500	LF	\$2.00	\$3,000	
Blind Sump	1	EA	\$1,000	\$1,000	
Sump Pump	5	Month	\$1,000	\$5,000	
Piping System	100	EA	\$5.00	\$500	
Temporary Tank	5	Month	\$1,350	\$6,750	
Transportation of Collected Water	50,000	GAL	\$0.05	\$2,500	
Disposal of Collected Water	50,000	GAL	\$0.23	\$11,500	
Temporary Off-Gas Treatment System	10	Week	\$1,250	\$12,500	
Prefabricated Building/Containment	Job	EST	\$0	\$0	
					\$323,300

Average depth of excavation is ten feet bgs. Assumes building foundation/floor will be excavated and broken into sections acceptable for off-site disposal. Average depth of excavation is feet bgs. Unit cost from Means. Removal of debris from soil that is greater than two inches using screen plant. Able to process 200 tons/hour. Rental rate from Powerscreen of Illinois.

Quantity assumes building foundation/floor and 10% of excavated material will be decontaminated. Rental of water truck. Water will be obtained from on-site hydrants. Temporary decontamination pad. Use plastic sheeting and RR ties for water containment. Backfill of treated soil into original excavation. Unit cost from Means.

Assume 10% of excavated material is screened out as oversize debris and includes building foundation/slab (assumes Special Waste). Transportation to Special Waste landfill. Disposal as Special Waste.

Assumes treatment will continue for approximately 20 weeks (based on results of bench-scale study conducted during Pre-design Investigation). Assumes that treatment of soil will be conducted on the 25-Acre Fill Area. Assumes full-time operator and equipment turning windrows and adding moisture. Quantity assumes addition of 0.5 lbs/CY. Microbe addition at time 0, +2 weeks, and +4 weeks. Price quote from Eco-Systems, Inc. Quantity assumes addition of 0.075 lb/CY. Nutrient addition at time 0, +2 weeks, and +4 weeks. Price quote from Eco-Systems, Inc. Transportation of soil from Area 3 West to 25-Acre Fill Area. Cost includes loading of soil into trucks and handling of soil (forming into windrows) on the 25-Acre Fill Area. Airflow rate is assumed to be one soil air volume exchange per hour (total of 365 CFM).

Asphalt curbs around treatment pad to collect stormwater and excess treatment water and direct to sump. Asphalt curb cost from Means, quantity is perimeter of treatment area. Sump to be used for collection of water (from treatment or precipitation.) Rental of trash pump for water removal from sump. Pump rental rate from Means. Assumes temporary tank can be placed within 100 feet of sump. Unit cost of piping from Means. Assumes temporary 10,000 gallon tank. Tank rental rate from Rain-for-Rent. Assumes transportation of non-hazardous liquid for treatment at TSDF. Transportation rate from Safeguard Environmental.

Assumes treatment at TSDF as non-hazardous liquid. Disposal rate from Safeguard Environmental. Assumes that a portable activated carbon system will be required during first 10 weeks of treatment. Cost includes vapor-phase activated carbon system rental and replacement carbon. Assumes that a temporary building will not be required during biological treatment.

Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois

VERIFICATION SAMPLING – EXCAVATION (AREA 3 EAST)						Verification sampling will be done to ensure all contamination has been excavated. Samples will be collected from the walls and floor of the excavation. Includes PID/FID and disposable sampling supplies (gloves, scoops, etc.) Samples analyzed for VOCs and SVOCs. 24-Hour turn-around time.
Supplies	Job	EST	\$500	\$500		
Laboratory Analysis	24	Samples	\$650	\$15,600		
					<u>\$16,100</u>	
VERIFICATION SAMPLING – TREATMENT (AREA 3 EAST SOILS)						Verification sampling will be done to verify that the composting process has sufficiently removed the VOC contamination. Treatment will continue if treated soil has concentrations above MCSs. Includes PID/FID and disposable sampling supplies (gloves, scoops, etc.) Samples analyzed for BTEX, plate count, moisture content, nitrogen, and phosphorus. 10 samples collected per week for duration of study. Final sampling will be one sample per 100 CY.
Supplies	Job	EST	\$1,000	\$1,000		
Laboratory Analysis	185	Samples	\$200	\$37,000		
					<u>\$38,000</u>	
ASPHALT ENGINEERED BARRIER – AREA 3 EAST						Includes material, equipment, labor, placement, compaction, hauling. Unit cost from Gallagher Paving.
Asphalt Layer (six inch)	125,000	SF	\$2.80	\$350,000		
Sub-Base Layer (six inch)	2,400	CY	\$15	\$36,000		
					<u>\$386,000</u>	
5-ACRE FILL AREA						Includes two passes, first is heavy weight/high drop; second is light weight/short drop. Assume four acres will require DDC. Survey following second pass of DDC to determine drainage. Grading fill required to obtain proper slopes for drainage. Cost assumes purchase, delivery, and installation. Assumes imported fill is required to meet 0.5% slope across site.
DEEP DYNAMIC COMPACTION – 5-ACRE FILL AREA						
Deep Dynamic Compaction	174,240	SF	\$1.50	\$262,000		
Topographic Survey	1	LS	\$15,000	\$15,000		
Grading Fill	20,000	CY	\$15.00	\$300,000		
					<u>\$577,000</u>	
ENGINEERED BARRIER – 5-ACRE FILL AREA						Includes material, equipment, labor, placement, compaction, hauling. Unit cost from Gallagher Paving.
Asphalt Cap						
Asphalt Layer (six inches)	174,240	SF	\$2.80	\$487,872		
Concrete Parking Stalls (six inches)	5,616	SF	\$11.00	\$61,776		
Sub-Base Layer (12 inches)	14,100	CY	\$15.00	\$211,500		
Soil Cap						Quantity assumes one acre requires 12 inches of soil cover. Unit cost average of Means and vendor quotes. Includes material, equipment, labor, and placement. Assume that geotextile used is SI Geosolutions non-woven geotextile.
Soil Barrier	1,613	CY	\$18.00	\$29,040		
Geotextile	43,560	SF	\$0.75	\$32,670		
Seeding	1	ACRE	\$2,500.00	\$2,500		
Stormwater Controls						Assumes that 0.5-acre detention pond will be constructed for stormwater control. Assumes that soil will be excavated and consolidated under asphalt. Unit cost is double the \$6.00 unit cost of excavation because soil also requires grading (double-handling of soil). Assumes 12-inches of CA-6 crushed stone sub-base under 0.5-acre pond. Unit cost is average of Means and local suppliers. Assumes membrane will be 0.5 acres + 20%. Unit cost derived from Means. Unit cost estimated from Means.
Detention Pond	6,500	CY	\$12.00	\$78,000		
Sub-base	1,600	CY	\$15.00	\$24,000		
Membrane	26,136	SF	\$0.75	\$19,602		
Outfall	200	LF	\$100.00	\$20,000		
					<u>\$967,000</u>	

**Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois**

25-ACRE FILL AREA

COMPOSITE CAP – 25-ACRE FILL AREA

Vegetative Layer (six inches)	19,300	CY	\$18.00	\$347,400
Protection Layer (18 inches)	58,000	CY	\$10.00	\$580,000
Drainage Layer	971,600	SF	\$1.50	\$1,457,400
HDPE Membrane (60 mil)	971,600	SF	\$0.75	\$728,700
Grading Layer	58,000	CY	\$3.00	\$174,000
Stormwater Controls				
Detention Pond	3,000	CY	\$10.00	\$30,000
Sub-base	1,613	CY	\$15.00	\$24,200
Membrane	52,272	SF	\$0.75	\$39,204
Outfall	400	LF	\$100.00	\$40,000

\$3,420,900

SITE RESTORATION – 25-ACRE FILL AREA

Vegetation	21	ACRE	\$2,500	\$52,500
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\$52,500

FENCING/VEHICULAR RESTRICTIONS – 25-ACRE FILL AREA

Fencing – Chain Link	3,250	LF	\$15.00	\$48,750
Fencing – Ornamental (along property frontage)	750	LF	\$75.00	\$56,250

\$105,000

GROUND WATER ISSUES

AREA 2 EAST

SHEETPILE WALL – AREA 2 EAST

Sheetpile Purchase	273	TON	\$1,265	\$345,851
Installation	273	TON	\$473	\$129,348
Subsurface Obstruction Destruction	273	TON	\$633	\$172,926
Subsurface Obstruction Removal	5	Day	\$2,500	\$12,500
Removed Subsurface Obstruction Transportation and Disposal	100	TON	\$40	\$4,000

\$664,600

Assumes an installation rate of 750 CY per day.
Includes equipment and installation. Assumes 15% compaction. Costs average of Means and vendor quotes.
Includes equipment and installation. Assumes 15% compaction. Costs average of Means and vendor quotes.
Includes material, equipment, and installation. Assumes 7% waste factor. Costs average of Means and vendor quotes.
Includes equipment and installation. Costs average of Means and vendor quotes.
Assumes grading layer will be soils obtained from the Dan Ryan Expressway Reconstruction at no cost.
Assume unit cost of material handling after delivery to site.
Assumes that 1 acre detention pond (six feet deep) will be constructed for stormwater control. Pond is assumed to be located above grade (not in the waste) so quantities are for grading and/or soil import, not excavation.
Assumes one-acre pond. Quantity derived from assumed berm of six feet high, three feet wide (top), and a 2:1 slope. Assume soil needs to be imported for berm.
Assumes 12-inches of CA-6 sub-base under 1-acre pond. Unit cost is average of Means and local suppliers.
Assumes membrane will be 1 acre + 20%. Unit cost derived from Means.
Unit cost estimated from Means.

Assumes that chain link fence will surround the 25-Acre Fill Area, except for portion of property that fronts Doty Avenue.
Assumes that ornamental iron fence will be used for the portion of the 25-Acre Fill Area that fronts Doty Avenue.

Assumes that 654 sheets with an average length of 13 feet (total length of sheets is 8,320 feet). Each sheet is 24.8 inches, with total perimeter of 1351 LF. Unit weight is 65.72 lbs/LF.
Assumes hot-rolled A572 steel. Cost of steel from Skyline Steel.
Cost estimated based on Means. Assumes installation rate of 60 LF per day. Installation rate stated in Means, and based on other project experience.
Assumes that subsurface obstructions will increase installation costs by 50%. Assumes that subsurface obstructions can be broken by driving an H-pile ahead of the sheetpile. Cost based on 50% of installation listed above.
Assumes that some subsurface obstructions can not be destroyed-in-place by H-pile. Cost for use of excavator and hydraulic concrete hammer. Assumes that 5 days of stand-by time will be required during project duration.
Assumes that 100 tons of subsurface obstructions will require excavation and off-site disposal.

**Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois**

GROUNDWATER COLLECTION SYSTEM – AREA 2 EAST					
Collection Wells	3	Wells	\$1,000	\$3,000	
Piping System	Job	EST	\$2,500	\$2,500	
Pump/Pump Installation	3	EA	\$3,600	\$10,800	Cost assumes three pumps with variable flow rates (up to five gpm) and includes well caps, supports, tubing to surface, and required filters. Installation cost is approximately 20% of pump cost. Assumes five-horse power compressor to power the three pumps. Assumes small temporary building will be required to house compressor. Cost assumes that extraction will be completed in the summer months because building does not include heat. Assumes three 10,000-gallon storage tanks. Price for tank rental from Rain-for-Rent.
Compressor for Pumps	1	EA	\$3,000	\$3,000	
Temporary Compressor Building	1	EA	\$5,000	\$5,000	
Temporary Storage Tanks	2	Month	\$4,000	\$8,000	
				<hr/> \$32,300	
GROUNDWATER COLLECTION AND DISPOSAL – AREA 2 EAST					Storage tanks sampled and analyzed for disposal parameters monthly for pumping duration of three months. Electricity used to power compressor for extraction pumps. Assumes transportation of non-hazardous liquid for treatment at TSDF. Transportation rate from Safeguard Environmental. Assumes treatment at TSDF as non-hazardous liquid. Disposal rate from Safeguard Environmental.
Analytical Costs - Disposal Parameters	3	Sampling Event	\$1,000	\$3,000	
Electrical Power	3	Months	\$50	\$150	
Transportation	360,000	GAL	\$0.05	\$18,000	
Disposal	360,000	GAL	\$0.23	\$82,800	
				<hr/> \$104,000	
<u>AREAS 1, 2 WEST, 3 WEST, AND 4</u>					
MONITORING WELL INSTALLATION – AREAS 1, 2 WEST, 3 WEST, AND 4					Costs are based on actual drilling costs incurred during Pre-design Investigation. Cost for mobilization of a hollow-stem auger to the site. Cost for Drilling Subcontractor to contact DIGGER and clear boring locations. Assumes effort can be completed in four days. Assumes effort can be completed in four days. Cost includes: risers, screens, sand, grout, locking cap. Cost for either flush-mount casing or stick-up casing. Includes necessary concrete. Cost includes Teflon tubing, pump, cap, safety cable, freeze protection, and controller. Geotech bladder pump. Assumes WESTON oversight of drilling/well installation for two people, four days, ten hours per day
Mobilization	1	LS	\$500	\$500	
Utility Locate	1	LS	\$250	\$250	
Hollow-Stem Auger	4	Day	\$1,200	\$4,800	
Decontamination	4	Day	\$100	\$400	
Monitoring Well Installation	165	LF	\$10	\$1,650	
Well Casing (flush-mount or stick-up)	11	EA	\$75	\$825	
Dedicated Bladder Pump and Tubing	11	EA	\$950	\$10,450	
WESTON Oversight	80	HR	\$80	\$6,400	
				<hr/> \$25,300	
<u>AREA 2 EAST</u>					
MONITORING WELL INSTALLATION – AREA 2 EAST					Costs are based on actual drilling costs incurred during Pre-design Investigation. See above. See above. See above. See above. See above. See above. See above. Assumes WESTON oversight of drilling/well installation for 2 people, 1 day, 10 hours per day.
Mobilization	1	LS	\$500	\$500	
Utility Locate	1	LS	\$250	\$250	
Hollow-Stem Auger	2	Day	\$1,200	\$2,400	
Decontamination	2	Day	\$100	\$200	
Monitoring Well Installation	75	LF	\$10	\$750	
Well Casing (flush-mount or stick-up)	5	EA	\$75	\$375	
Dedicated Bladder Pump and Tubing	3	EA	\$950	\$2,850	
WESTON Oversight	20	HR	\$80	\$1,600	
				<hr/> \$8,900	

**Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois**

AREA 3 EAST

MONITORING WELL INSTALLATION – AREA 3 EAST

Mobilization	1	LS	\$500	\$500
Utility Locate	1	LS	\$250	\$250
Hollow-Stem Auger	1	Day	\$1,200	\$1,200
Decontamination	1	Day	\$100	\$100
Monitoring Well Installation	30	LF	\$10	\$300
Well Casing (flush-mount or stick-up)	3	EA	\$75	\$225
Dedicated Bladder Pump and Tubing	3	EA	\$950	\$2,850

WESTON Oversight	20	HR	\$80	\$1,600
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\$7,000

Costs are based on actual drilling costs incurred during Pre-design Investigation.
See above.
See above.
See above.
See above.
See above.
See above.
See above.

Assumes WESTON oversight of drilling/well installation for two people, one day, ten hours per day

5-ACRE FILL AREA

MONITORING WELL INSTALLATION – 5-ACRE FILL AREA

Mobilization	1	LS	\$500	\$500
Utility Locate	1	LS	\$250	\$250
Hollow-Stem Auger	1	Day	\$1,200	\$1,200
Decontamination	1	Day	\$100	\$100
Monitoring Well Installation	60	LF	\$10	\$600
Well Casing (flush-mount or stick-up)	3	EA	\$75	\$225
Dedicated Bladder Pump and Tubing	3	EA	\$950	\$2,850

WESTON Oversight	20	HR	\$80	\$1,600
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\$7,300

Costs are based on actual drilling costs incurred during Pre-design Investigation.
See above.
See above.
See above.
See above.
See above.
See above.
See above.

Assumes WESTON oversight of drilling/well installation for two people, one day, ten hours per day

DIRECT CAPITAL COST SUBTOTAL

\$10,272,300

INDIRECT COSTS

CONTRACTOR PROCUREMENTS (1% of Direct Costs)

–	–	–	\$102,800	
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\$102,800

Includes pre-bid meetings, coordination, negotiation, and selection of contractors.

CONSTRUCTION MANAGEMENT

Site Superintendent	4,000	HR	\$95	\$380,000
Construction QA/QC Specialist	4,000	HR	\$80	\$320,000
Field Engineer	1,920	HR	\$70	\$134,400
Engineering Clerk	1,920	HR	\$70	\$134,400
Per Diem	800	DAY	\$99	\$79,200
Car Rental	800	DAY	\$65	\$52,000
Admin/Office Support (10% of construction management labor)	–	–	–	\$96,880
Surveying	Job	EST	\$35,000	\$35,000
QA/QC Testing	Job	EST	\$75,000	\$75,000
Health & Safety Monitoring	Job	EST	\$50,000	\$50,000
Post-Construction Documentation and Certification	Job	EST	\$100,000	\$100,000

\$1,456,900

Assumes that site superintendent will be at the site full-time for the duration of the project (80 weeks). (50 hours/week)
Assumes that Construction QA/QC Specialist will be at the site full-time for the duration of the project (80 weeks). (50 hours/week)

Assumes that Field Engineer will be at the site part-time for the duration of the project. (24 hours/week)
Assumes that Engineering Clerk will be at the site full-time for the duration of the project. (24 hours/week)

Assumes that Field Engineer and Engineering Clerk will not have vehicles at the site, only site superintendent and QA/QC Specialist.

Includes air monitoring.
Preparation of completion of construction report.

Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois

CONSTRUCTION MANAGEMENT – HOME OFFICE SUPPORT						
Project Manager	640	HR	\$125	\$80,000		Labor assumes that effort of eight hours per week is required during project duration. Labor assumes that effort of four hours per week is required during project duration. Labor assumes that effort of four hours per week is required during project duration. Labor assumes that effort of two hours per week is required during project duration. e.g., FedEx charges, copying services Copier charges, CAD equipment charges, plotter use.
Project Engineer	320	HR	\$90	\$28,800		
Project Geologist	320	HR	\$80	\$25,600		
Project Administration	160	HR	\$68	\$10,880		
External ODCs	20	MO	\$100	\$2,000		
Internal ODCs	20	MO	\$100	\$2,000		
					<u>\$149,300</u>	
TEMPORARY FACILITIES						
Office Trailer	20	MO	\$1,000	\$20,000		Assumes trailer will be centrally located on the site during paving activities in Area 1, 2, 3, and 4, then will be relocated to 5-Acre Fill Area and 25-Acre Fill area during implementation of the remedial measures for each of these areas. Rental cost from Means. Assumes four facilities will be sufficient for work crews onsite. Unit cost is based on \$100/month for 1 unit (National Sanitation), and includes service. Includes copier, fax, phone, desk, and other necessities. Expendable supplies such as paper, pens, and other necessities. Electrical power for office trailer and phone/fax lines.
Temporary Sanitary Facilities (4)	80	WK	\$100	\$8,000		
Office Equipment	80	WK	\$100	\$8,000		
Office Supplies	20	MO	\$100	\$2,000		
Monthly Utilities	20	MO	\$200	\$4,000		
					<u>\$42,000</u>	
					<u><u>\$1,751,000</u></u>	
INDIRECT COST SUBTOTAL						
REMEDY IMPLEMENTATION OPERATIONS AND MAINTENANCE (O&M) COSTS						
ASPHALT CAP REPAIR						
Year 3 – Sealcoating	22.2	Acre	\$4,350	\$96,570		Assumes that 100% of paved area requires sealcoating three years after installation. (\$0.10/SF) Assumes that 100% of paved area requires crack sealing five years after installation. (\$0.50/SF) Assumes that 25% of paved area requires resurfacing seven years after installation. (\$1.00/SF) Assumes that 25% of paved area requires replacement 14 years after installation. (\$1.00/SF) Assumes that 25% of paved area requires resurfacing 20 years after installation. (\$3.00/SF)
Year 5 – Crack Sealing	22.2	Acre	\$21,800	\$483,960		
Year 7 – Resurfacing	5.6	Acre	\$43,500	\$241,425		
Year 14 – Resurfacing	5.6	Acre	\$43,500	\$241,425		
Year 20 – Replacement	5.6	Acre	\$130,000	\$721,500		
					<u>\$1,784,900</u>	
ANNUAL CAP MAINTENANCE – 25-ACRE FILL AREA						
Mowing	2	Annual	\$5,000	\$10,000		
Cap Repair	Job	EST	\$25,000	\$25,000		
Quarterly Inspections	4	Quarter	\$6,000	\$24,000		
					<u>\$59,000</u>	
ANNUAL FENCE MAINTENANCE						
	1	Annual	\$10,000	\$10,000		
					<u>\$10,000</u>	
ANNUAL O&M COST SUBTOTAL						
					<u><u>\$69,000</u></u>	

Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois

GROUNDWATER ISSUES – OPERATIONS AND MAINTENANCE (O&M) COSTS

QUARTERLY GROUNDWATER MONITORING – AREAS 1, 2 WEST, 3 WEST, AND 4 (YEAR 1)

Analytical Costs	4	Sampling Event	\$7,000	\$28,000	
Labor	4	Sampling Event	\$4,500	\$18,000	
Equipment	4	Sampling Event	\$750	\$3,000	
Report Preparation	4	Sampling Event	\$5,000	\$20,000	
Annual Reporting	1	Annual	\$10,000	\$10,000	
					\$79,000

Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include 12 investigative and two duplicates. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for three days. Assumes quarterly monitoring of 12 wells. Assumes quarterly monitoring of 12 wells.

ANNUAL GROUNDWATER MONITORING – AREAS 1, 2 WEST, 3 WEST, AND 4 (YEARS 2 THROUGH 5)

Analytical Costs	1	Sampling Event	\$7,000	\$7,000	
Labor	1	Sampling Event	\$4,500	\$4,500	
Equipment	1	Sampling Event	\$750	\$750	
Annual Reporting	1	Annual	\$10,000	\$10,000	
					\$22,300

Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include 12 investigative and two duplicates. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for three days. Assumes annual monitoring of 12 wells.

QUARTERLY GROUNDWATER MONITORING – AREA 2 EAST (YEAR 1)

Analytical Costs	4	Sampling Event	\$4,500	\$18,000	
Labor	4	Sampling Event	\$3,000	\$12,000	
Equipment	4	Sampling Event	\$500	\$2,000	
Report Preparation	4	Sampling Event	\$5,000	\$20,000	
Annual Reporting	1	Annual	\$10,000	\$10,000	
					\$62,000

Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include eight investigative and one duplicate. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for two days. Assumes quarterly monitoring of eight wells. Assumes quarterly monitoring of eight wells.

ANNUAL GROUNDWATER MONITORING – AREA 2 EAST (YEARS 2 THROUGH 20)

Analytical Costs	1	Sampling Event	\$4,500	\$4,500	
Labor	1	Sampling Event	\$3,000	\$3,000	
Equipment	1	Sampling Event	\$500	\$500	
Annual Reporting	1	Annual	\$10,000	\$10,000	
					\$18,000

Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include eight investigative and one duplicate. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for two days. Assumes annual monitoring of eight wells.

QUARTERLY GROUNDWATER MONITORING – AREA 3 EAST (YEAR 1)

Analytical Costs	4	Sampling Event	\$2,500	\$10,000	
Labor	4	Sampling Event	\$1,500	\$6,000	
Equipment	4	Sampling Event	\$250	\$1,000	
Report Preparation	4	Sampling Event	\$5,000	\$20,000	
Annual Reporting	1	Annual	\$10,000	\$10,000	
					\$47,000

Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include four investigative and one duplicate. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for one days. Assumes quarterly monitoring of four wells. Assumes quarterly monitoring of four wells.

**Table 11-1
 Cost Estimate for Remedial Measures Implementation
 30% Design
 The Sherwin-Williams Company
 Chicago, Illinois**

ANNUAL GROUNDWATER MONITORING – AREA 3 EAST (YEARS 2 THROUGH 5)

Analytical Costs	1	Sampling Event	\$2,500	\$2,500	
Labor	1	Sampling Event	\$1,500	\$1,500	
Equipment	1	Sampling Event	\$250	\$250	
Annual Reporting	1	Annual	\$10,000	\$10,000	
					<hr/> \$14,300

Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include four investigative and one duplicate. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for one day. Assumes annual monitoring of four wells.

QUARTERLY GROUNDWATER MONITORING – 5-ACRE FILL AREA (YEAR 1)

Analytical Costs	4	Sampling Event	\$2,000	\$8,000	
Labor	4	Sampling Event	\$1,500	\$6,000	
Equipment	4	Sampling Event	\$250	\$1,000	
Report Preparation	4	Sampling Event	\$5,000	\$20,000	
Annual Reporting	1	Annual	\$10,000	\$10,000	
					<hr/> \$45,000

Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include three investigative and one duplicate. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for one day. Assumes quarterly monitoring of three wells. Assumes quarterly monitoring of three wells.

ANNUAL GROUNDWATER MONITORING – 5-ACRE FILL AREA (YEARS 2 THROUGH 5)

Analytical Costs	1	Sampling Event	\$2,000	\$2,000	
Labor	1	Sampling Event	\$1,500	\$1,500	
Equipment	1	Sampling Event	\$250	\$250	
Annual Reporting	1	Annual	\$10,000	\$10,000	
					<hr/> \$13,800

Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include three investigative and one duplicate. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for one day. Assumes annual monitoring of three wells.

QUARTERLY GROUNDWATER MONITORING – 25-ACRE FILL AREA (YEAR 1)

Analytical Costs	4	Sampling Event	\$4,000	\$16,000	
Labor	4	Sampling Event	\$3,000	\$12,000	
Equipment	4	Sampling Event	\$500	\$2,000	
Report Preparation	4	Sampling Event	\$5,000	\$20,000	
Annual Reporting	1	Annual	\$10,000	\$10,000	
					<hr/> \$60,000

Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include seven investigative and one duplicate. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for two days. Assumes quarterly monitoring of seven wells. Assumes quarterly monitoring of seven wells.

Table 11-1
Cost Estimate for Remedial Measures Implementation
30% Design
The Sherwin-Williams Company
Chicago, Illinois

ANNUAL GROUNDWATER MONITORING – 25-ACRE FILL AREA (YEARS 2 THROUGH 20)					
Analytical Costs	1	Sampling Event	\$4,000	\$4,000	Wells sampled and analyzed for VOCs, SVOCs, metals (total and soluble). Samples include seven investigative and one duplicate. Analytical cost is \$500 per well, and is based on standard STL prices. Assumes two personnel at \$75/hour for ten hours/day for two days. Assumes annual monitoring of 7 wells.
Labor	1	Sampling Event	\$3,000	\$3,000	
Equipment	1	Sampling Event	\$500	\$500	
Annual Reporting	1	Annual	\$10,000	\$10,000	
				<u>\$17,500</u>	
SUB-TOTAL – DIRECT COSTS					\$10,273,000
SUB-TOTAL – INDIRECT COSTS					\$1,751,000
SUB-TOTAL – DIRECT AND INDIRECT COSTS					\$12,024,000
SUB-TOTAL – ANNUAL O&M COSTS - YEAR 1					\$362,000
SUB-TOTAL – ANNUAL O&M COSTS - YEARS 2 THROUGH 5					\$1,201,000
SUB-TOTAL – ANNUAL O&M COSTS - YEARS 6 THROUGH 20					\$2,772,000
SUB-TOTAL – ANNUAL O&M COSTS - PROJECT DURATION					\$4,335,000
TOTAL COST (DIRECT CAPITAL COSTS + INDIRECT COSTS + O&M COSTS)					\$16,359,000

RMI – Remedial Measures Implementation
SF – Square Feet
CY – Cubic Yard
EA – Each
LB – Pound
GAL – Gallon
EST – Estimated
LS – Lump Sum
LF – Linear Foot
HR – Hour
WK – Week
MO – Month
CFM – Cubic feet per minute

bgs – below ground surface
lbs/LF – pounds per linear foot
gpm – gallons per minute
VOC – Volatile Organic Compound
SVOC – Semivolatile Organic Compounds
PID/FID – Photoionization Detector/Flame Ionization Detector
MCS – Media Cleanup Standard
DDC – Deep Dynamic Compaction
QA/QC – Quality Assurance/Quality Control
O&M – Operations and Maintenance
ODC – Other Direct Costs
TSDF – Treatment, Storage, and Disposal Facility
STL – Severn Trent Laboratories