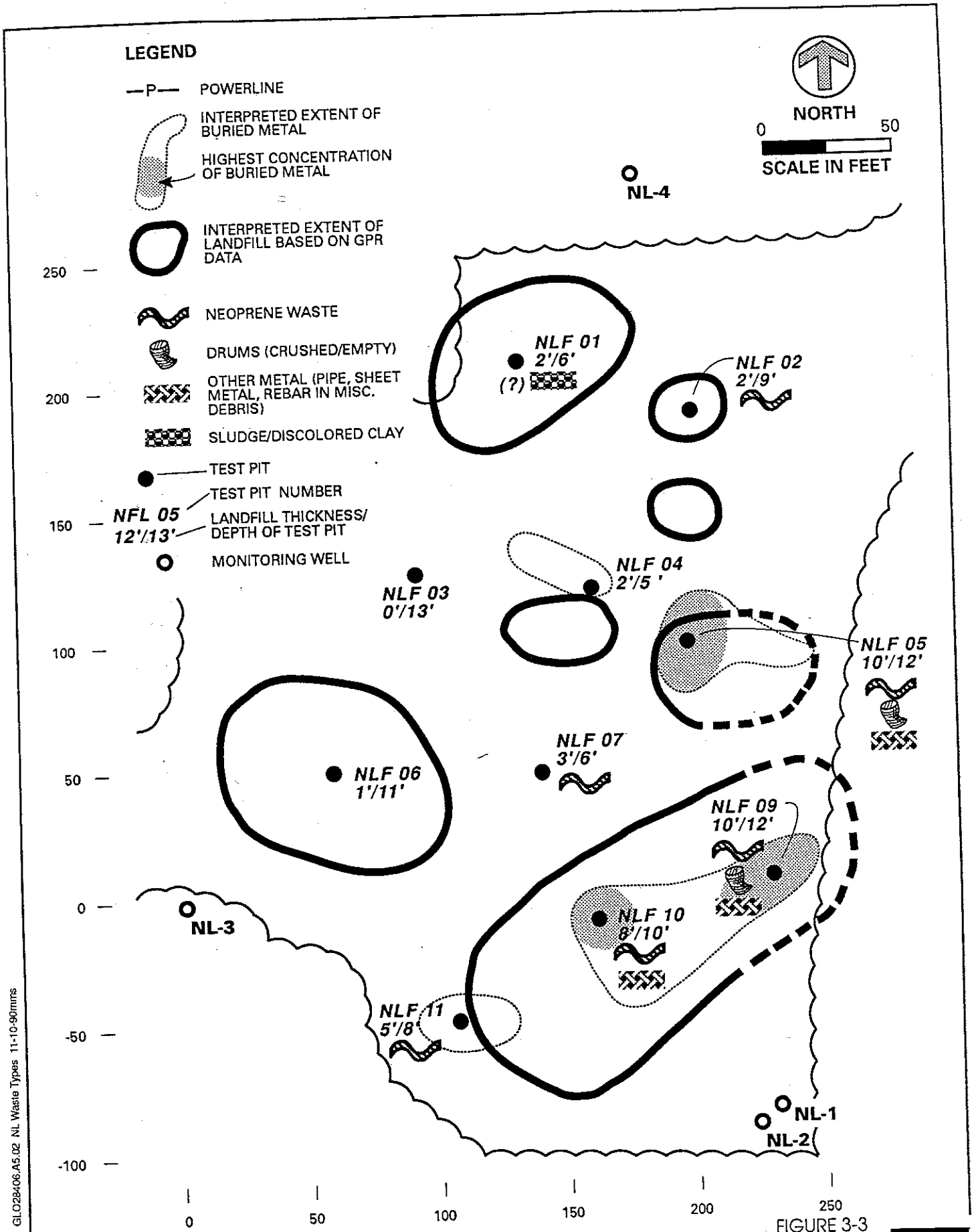
APPENDIX C

NORTH LANDFILL INFORMATION

2006 North Landfill (looking south)

2006 North Landfill (surface material)

DuPont Montague Facility
Montague Michigan



GLO28406.A5.02 NL Waste Types 11-10-90mms

FIGURE 3-3

Occurrence of Selected Waste Types in North Landfill

DuPont Montague Landfill RI

CH2M HILL

Appendix C
Table 1
North Landfill Soils vs. Industrial Drinking Water Protection

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	TPNLF01 5/9/90 1	TPNLF01FR 5/9/90 1	TPNLF09 5/10/90 1	TPNLF11 5/9/90 1
1,1,1,2-TETRACHLOROETHANE	ug/kg	T	6400		<10 U	<10 U	<11 U	<10 U
1,1,1-TRICHLOROETHANE	ug/kg	T	4000		<4 U	<4 U	<4 U	<4 U
1,1,2,2-TETRACHLOROETHANE	ug/kg	T	700		<7.2 U	<7.2 U	<7.3 U	<7.2 U
1,1,2-TRICHLOROETHANE	ug/kg	T	100		<5.2 U	<5.2 U	<5.3 U	<5.2 U
1,1-DICHLOROETHANE	ug/kg	T	50000		<4.9 U	<4.9 U	<4.9 U	<4.9 U
1,1-DICHLOROETHENE	ug/kg	T	140		<2.9 U	<2.9 U	<2.9 U	<2.9 U
1,2,3-TRICHLOROPROPANE	ug/kg	T	2400		<10 U	<10 U	<11 U	<10 U
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	T	10		<10 U	<10 U	<11 U	<10 U
1,2-DIBROMOETHANE (EDB)	ug/kg	T	20		<10 U	<10 U	<11 U	<10 U
1,2-DICHLOROBENZENE	ug/kg	T	14000		<200 U	<200 U	<200 U	<200 U
1,2-DICHLOROETHANE	ug/kg	T	100		<2.9 U	<2.9 U	<2.9 U	<2.9 U
1,2-DICHLOROPROPANE	ug/kg	T	100		<6.2 U	<6.2 U	<6.3 U	<6.2 U
1,3-DICHLOROBENZENE	ug/kg	T	480		<200 U	<200 U	<200 U	<200 U
1,4-DICHLORO-2-BUTENE	ug/kg	T			<10 U	<10 U	<11 U	<10 U
1,4-DICHLOROBENZENE	ug/kg	T	1700		<450 U	<460 U	<460 U	<460 U
2-HEXANONE	ug/kg	T	58000		<10 U	<10 U	<11 U	<10 U
ACETONE	ug/kg	T	42000		<10 U	<10 U	<11 U	<10 U
ACROLEIN	ug/kg	T	6600		<100 U	<100 U	<110 U	<100 U
ACRYLONITRILE	ug/kg	T	220		<100 U	<100 U	<110 U	<100 U
ALLYL CHLORIDE	ug/kg	T			<10 U	<10 U	<11 U	<10 U
BENZENE	ug/kg	T	100		<4.6 U	<4.6 U	<4.6 U	<4.6 U
BROMODICHLOROMETHANE	ug/kg	T	1600		<2.3 U	<2.3 U	<2.3 U	<2.3 U
BROMOFORM	ug/kg	T	1600		<4.9 U	<4.9 U	<4.9 U	<4.9 U
CARBON DISULFIDE	ug/kg	T	46000		<10 U	<10 U	<11 U	<10 U
CARBON TETRACHLORIDE	ug/kg	T	100		<2.9 U	<2.9 U	<2.9 U	<2.9 U
CHLOROBENZENE	ug/kg	T	2000		<6.2 U	<6.2 U	<6.3 U	<6.2 U
CHLORODIBROMOMETHANE	ug/kg	T	1600		<3.2 U	<3.2 U	<3.3 U	<3.2 U
CHLOROFORM	ug/kg	T	1600		<1.7 U	<1.7 U	<1.7 U	<1.7 U
CHLOROPRENE	ug/kg	T			NR U	NR U	NR U	NR U
CIS-1,3-DICHLOROPROPENE	ug/kg	T	700		<5.2 U	<5.2 U	<5.3 U	<5.2 U
DICHLORODIFLUOROMETHANE	ug/kg	T	270000		<10 U	<10 U	<11 U	<10 U
ETHYL CHLORIDE	ug/kg	T	34000		<10 U	<10 U	<11 U	<10 U
ETHYL METHACRYLATE	ug/kg	T			<10 U	<10 U	<11 U	<10 U
ETHYLBENZENE	ug/kg	T	1500		<7.5 U	<7.5 U	<7.6 U	<7.5 U

Criteria = MDEQ 21B Soil Indust DW Protection #21B 12/2004
^ and shaded cells = Concentration above criteria (NDs [^^] assumed to be 50% reporting limit)
< and ND = Non detect at stated reporting limit

Appendix C
Table 1
North Landfill Soils vs. Industrial Drinking Water Protection

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	TPNLF01 5/9/90 1	TPNLF01FR 5/9/90 1	TPNLF09 5/10/90 1	TPNLF11 5/9/90 1
IODOMETHANE	ug/kg	T			NR IND	NR IND	NR IND	NR IND
M-XYLENE	ug/kg	T			<10 U	<10 U	<11 U	<10 U
METHYL BROMIDE	ug/kg	T	580		<10 U	<10 U	<11 U	<10 U
METHYL CHLORIDE	ug/kg	T	22000		<10 U	<10 U	<11 U	<10 U
METHYL ETHYL KETONE	ug/kg	T	760000		<10 UJ	<10 UJ	<11 UJ	<10 UJ
METHYL ISOBUTYL KETONE	ug/kg	T	100000		<10 U	<10 U	<11 U	<10 U
METHYL METHACRYLATE	ug/kg	T			<10 U	<10 U	<11 U	<10 U
METHYLENE BROMIDE	ug/kg	T	4600		NR U	NR U	NR U	NR U
METHYLENE CHLORIDE	ug/kg	T	100		3.72 B	4.02 B	7.48 B	3.38 B
PENTACHLOROETHANE	ug/kg	T			NR IND	NR IND	NR IND	NR IND
STYRENE	ug/kg	T	2700		<10 U	<10 U	<11 U	<10 U
TETRACHLOROETHYLENE	ug/kg	T	100		<4.3 U	<4.3 U	<4.3 U	<4.3 U
TOLUENE	ug/kg	T	16000		<6.2 U	<6.2 U	<6.3 U	<6.2 U
TRANS-1,2-DICHLOROETHENE	ug/kg	T	2000		<1.7 U	<1.7 U	<1.7 U	<1.7 U
TRANS-1,3-DICHLOROPROPENE	ug/kg	T	700		<10 U	<10 U	<11 U	<10 U
TRICHLOROETHENE	ug/kg	T	100		<2 U	<2 U	<2 U	<2 U
TRICHLOROFLUOROMETHANE	ug/kg	T	150000		<10 U	<10 U	<11 U	<10 U
VINYL ACETATE	ug/kg	T	36000		<10 U	<10 U	<11 U	<10 U
VINYL CHLORIDE	ug/kg	T	40		<10 U	<10 U	<11 U	<10 U
XYLENES	ug/kg	T	5600		<10 U	<10 U	<11 U	<10 U
1,2,4,5-TETRACHLOROBENZENE	ug/kg	T	1500000		<1000 U	<1000 U	<1000 U	<1000 U
1,2,4-TRICHLOROBENZENE	ug/kg	T	4200		<200 U	<200 U	<200 U	<200 U
1,3,5-TRINITROBENZENE	ug/kg	T			NR IND	NR IND	NR IND	NR IND
1,3-DINITROBENZENE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
1,4-NAPHTHOQUINONE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
1-NAPHTHYLAMINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
2,3,4,6-TETRACHLOROPHENOL	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
2,4,5-TRICHLOROPHENOL	ug/kg	T	110000		<1000 U	<1000 U	<1000 U	<1000 U
2,4,6-TRICHLOROPHENOL	ug/kg	T	9400		<280 U	<280 U	<280 U	<280 U
2,4-DICHLOROPHENOL	ug/kg	T	4200		<280 U	<280 U	<280 U	<280 U
2,4-DIMETHYLPHENOL	ug/kg	T	20000		<280 U	<280 U	<280 U	<280 U
2,4-DINITROPHENOL	ug/kg	T			<4300 U	<4300 U	<4400 U	<4400 U
2,4-DINITROTOLUENE	ug/kg	T	640		<590 U	<590 U	<590 U	<600 U
2,6-DICHLOROPHENOL	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U

Criteria = MDEQ 21B Soil Indust DW Protection #21B 12/2004
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2,6-DINITROTOLUENE	ug/kg	T			<200 U	<200 U	<200 U	<200 U
2-ACETYLAMINOFLUORENE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
2-CHLOROPHENOL	ug/kg	T	2600		<340 U	<340 U	<340 U	<340 U
2-METHYLNAPHTHALENE	ug/kg	T	170000		<1000 U	<1000 U	<1000 U	<1000 U
2-METHYLPHENOL (O-CRESOL)	ug/kg	T	20000		<1000 U	<1000 U	<1000 U	<1000 U
2-NAPHTHYLAMINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
2-NITROANILINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
2-NITROPHENOL	ug/kg	T	1200		<370 U	<370 U	<370 U	<380 U
2-PICOLINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
3,3'-DICHLOROBENZIDINE	ug/kg	T	2000		<1700 U	<1700 U	<1700 U	<1700 U
3,3'-DIMETHYLBENZIDINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
3- AND 4- METHYLPHENOL	ug/kg	T	20000		<1000 U	<1000 U	<1000 U	<1000 U
3-METHYLCHOLANTHRENE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
3-NITROANILINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
4,6-DINITRO-2-METHYLPHENOL	ug/kg	T	830		^<2500 U	^<2500 U	^<2500 U	^<2500 U
4-AMINOBIPHENYL	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
4-BROMOPHENYL PHENYL ETHER	ug/kg	T			<200 U	<200 U	<200 U	<200 U
4-CHLORO-3-METHYLPHENOL	ug/kg	T	16000		<310 U	<310 U	<310 U	<310 U
4-CHLOROANILINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
4-CHLOROPHENYL PHENYL ETHER	ug/kg	T			<430 U	<430 U	<440 U	<440 U
4-DIMETHYLAMINOAZOBENZENE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
4-NITROANILINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
4-NITROPHENOL	ug/kg	T			<250 U	<250 U	<250 U	<250 U
4-NITROQUINOLINE-N-OXIDE	ug/kg	T			NR IND	NR IND	NR IND	NR IND
5-NITRO-ORTHO-TOLUIDINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
7,12-DIMETHYLBENZ[A]ANTHRACENE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
ACENAPHTHENE	ug/kg	T	880000		<200 U	<200 U	<200 U	<200 U
ACENAPHTHYLENE	ug/kg	T	17000		<360 U	<360 U	<360 U	<370 U
ACETOPHENONE	ug/kg	T	88000		<1000 U	<1000 U	<1000 U	<1000 U
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	ug/kg	T			NR U	NR U	NR U	NR U
ANILINE	ug/kg	T	4400		<1000 U	<1000 U	<1000 U	<1000 U
ANTHRACENE	ug/kg	T	41000		<200 U	<200 U	<200 U	<200 U
ARAMITE	ug/kg	T			NR IND	NR IND	NR IND	NR IND
BENZO(A)ANTHRACENE	ug/kg	T			<800 U	<810 U	<810 U	<820 U

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Appendix C
Table 1
North Landfill Soils vs. Industrial Drinking Water Protection

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	TPNLF01 5/9/90 1	TPNLF01FR 5/9/90 1	TPNLF09 5/10/90 1	TPNLF11 5/9/90 1
BENZO(B)FLUORANTHENE	ug/kg	T			<490 U	<500 U	<500 U	<500 U
BENZO(G,H,I)PERYLENE	ug/kg	T			<420 U	<420 U	<430 U	<430 U
BENZO(K)FLUORANTHENE	ug/kg	T			<260 U	<260 U	<260 U	<260 U
BENZO[A]PYRENE	ug/kg	T			<260 U	<260 U	<260 U	<260 U
BENZYL ALCOHOL	ug/kg	T	580000		241 JX, B	188 JX, B	338 JX, B	280 JX, B
BIS(2-CHLORO-1-METHYLETHYL) ETHER	ug/kg	T			<590 U	<590 U	<590 U	<600 U
BIS(2-CHLOROETHOXY)METHANE	ug/kg	T			<550 U	<550 U	<550 U	<550 U
BIS(2-CHLOROETHYL)ETHER	ug/kg	T	170		^<590 U	^<590 U	^<590 U	^<600 U
BIS(2-ETHYLHEXYL)PHTHALATE	ug/kg	T			149 JX	<1000 U	<1000 U	<1000 U
BUTYL BENZYL PHTHALATE	ug/kg	T	310000		<1000 U	<1000 U	<1000 U	<1000 U
CHRYSENE	ug/kg	T			<260 U	<260 U	<260 U	<260 U
DI-N-BUTYL PHTHALATE	ug/kg	T	760000		<1000 U	<1000 U	144 JX	<1000 U
DIALLATE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
DIBENZ(A,H)ANTHRACENE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
DIBENZOFURAN	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
DIETHYL PHTHALATE	ug/kg	T	320000		<1000 U	<1000 U	<1000 U	<1000 U
DIMETHYL PHTHALATE	ug/kg	T	790000		<1000 U	<1000 U	<1000 U	<1000 U
DIPHENYL AMINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
ETHYL METHANESULFONATE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
FLUORANTHENE	ug/kg	T	730000		<230 U	<230 U	<230 U	<230 U
FLUORENE	ug/kg	T	890000		<200 U	<200 U	<200 U	<200 U
HEXACHLOROBENZENE	ug/kg	T	1800		<200 U	<200 U	<200 U	<200 U
HEXACHLOROBUTADIENE	ug/kg	T	72000		<93 U	<93 U	<940 U	<94 U
HEXACHLOROCYCLOPENTADIENE	ug/kg	T	320000		<1000 U	<1000 U	<1000 U	<1000 U
HEXACHLOROETHANE	ug/kg	T	1200		<160 U	<170 U	<170 U	<170 U
HEXACHLOROPHENE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
HEXACHLOROPROPYLENE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
INDENO (1,2,3-CD) PYRENE	ug/kg	T			<480 U	<490 U	<490 U	<490 U
ISODRIN	ug/kg	T			<610 U	<610 U	<610 U	<620 U
ISOPHORONE	ug/kg	T	62000		<230 U	<230 U	<230 U	<230 U
ISOSAFROLE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
METHAPYRILENE	ug/kg	T			NR IND	NR IND	NR IND	NR IND
METHYL METHANESULFONATE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
N-DIOCTYL PHTHALATE	ug/kg	T	140000000		<1000 U	<1000 U	<1000 U	<1000 U

Criteria = MDEQ 21B Soil Indust DW Protection #21B 12/2004
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Table 1
North Landfill Soils vs. Industrial Drinking Water Protection

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	TPNLF01 5/9/90 1	TPNLF01FR 5/9/90 1	TPNLF09 5/10/90 1	TPNLF11 5/9/90 1
N-NITROSO(METHYL)ETHYLAMINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
N-NITROSO-DI-N-BUTYLAMINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
N-NITROSODI-N-PROPYLAMINE	ug/kg	T	330		^<1000 U	^<1000 U	^<1000 U	^<1000 U
N-NITROSODIETHYLAMINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
N-NITROSODIMETHYLAMINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
N-NITROSODIPHENYLAMINE	ug/kg	T	22000		<200 U	<200 U	<200 U	<200 U
N-NITROSOMORPHOLINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
N-NITROSOPIPERIDINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
N-NITROSOPYRROLIDINE	ug/kg	T			NR IND	NR IND	NR IND	NR IND
NAPHTHALENE	ug/kg	T	100000		<160 U	<170 U	<170 U	<170 U
NITROBENZENE	ug/kg	T	330		<200 U	<200 U	<200 U	<200 U
O,O,O-TRIETHYLPHOSPHOROTHIOATE	ug/kg	T			NR IND	NR IND	NR IND	NR IND
O-TOLUIDINE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
PARA-PHENYLENEDIAMINE	ug/kg	T			NR IND	NR IND	NR IND	NR IND
PCN-2	ug/kg	T	1800000		<200 U	<200 U	<200 U	<200 U
PENTACHLOROBENZENE	ug/kg	T	81000		<1000 U	<1000 U	<1000 U	<1000 U
PENTACHLORONITROBENZENE	ug/kg	T	37000		NR IND	NR IND	NR IND	NR IND
PENTACHLOROPHENOL	ug/kg	T	22		^<370 U	^<370 U	^<370 U	^<380 U
PHENACETIN	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
PHENANTHRENE	ug/kg	T	160000		<560 U	<560 U	<560 U	<560 U
PHENOL	ug/kg	T	260000		<150 U	<160 U	<160 U	<160 U
PRONAMIDE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
PYRENE	ug/kg	T	480000		<200 U	<200 U	<200 U	<200 U
PYRIDINE	ug/kg	T	420		^<8200 U	^<8300 U	^<8300 U	^<8400 U
SAFROLE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U
TETRAETHYL DITHIOPYROPHOSPHATE	ug/kg	T			NR U	NR U	NR U	NR U
DINOSEB	ug/kg	T	300		^<1000 U	^<1000 U	^<1000 U	^<1000 U
ANTIMONY	ug/kg	T	4300		<6200 U	<6200 U	<6300 U	<6300 U
ARSENIC	ug/kg	T	4600		230 JX	270 JX	460 JX	340 JX
BARIUM	ug/kg	T	1300000		3500	2900	780 JX	<2100 U
BERYLLIUM	ug/kg	T	51000		<100 U	<100 U	<100 U	<100 U
CADMIUM	ug/kg	T	6000		<210 U	<210 U	<210 U	<210 U
CHROMIUM	ug/kg	T	1000000000		340 JX	420 JX	760 JX	880 JX
COBALT	ug/kg	T	2000		<2100 U	<2100 U	<2100 U	<2100 U

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Table 1
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Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	TPNLF01 5/9/90 1	TPNLF01FR 5/9/90 1	TPNLF09 5/10/90 1	TPNLF11 5/9/90 1
COPPER	ug/kg	T	5800000		1900	3700	45000	7900
LEAD	ug/kg	T	700000		560	640	1300	1000
MERCURY	ug/kg	T	1700		<83 U	<83 U	67 JX	<84 U
NICKEL	ug/kg	T	100000		580 JX	490 JX	880 JX	830 JX
SELENIUM	ug/kg	T	4000		<520 U	<520 U	<520 U	<520 U
SILVER	ug/kg	T	13000		<1000 UJ, L	<1000 UJ, L	<1000 UJ, L	<1000 UJ, L
THALLIUM	ug/kg	T	2300		<1000 U	<1000 U	<1000 U	<1000 U
TIN	ug/kg	T			5100 JX	3900 JX	4000 JX	6100
VANADIUM	ug/kg	T	990000		770 JX	500 JX	430 JX	1700 JX
ZINC	ug/kg	T	5000000		1800 JX	1200 JX	2600	1700 JX
CYANIDE	ug/kg	T	4000		<520 U	<520 U	<520 U	<520 U
SULFIDE	ug/kg	T			<1000 U	<1000 U	<1000 U	<1000 U

Criteria = MDEQ 21B Soil Indust DW Protection #21B 12/2004
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< and ND = Non detect at stated reporting limit

Appendix C
Table 2
North Landfill Drum Results

			Sample ID	TPNLF09-02
			Date	5/15/90
			Top (ft)	
		Total (T)/	Bottom (ft)	
Analyte	**units**	**Diss. (D)**	**Duplicate #**	1
PCDD	PPB	T		<3.8 U
PCDF	PPB	T		<10.2 U
PERCENT SOLIDS	%	T		75.12
1,1,1,2-TETRACHLOROETHANE	ug/kg	T		<670000 U
1,1,1-TRICHLOROETHANE	ug/kg	T		<250000 U
1,1,2,2-TETRACHLOROETHANE	ug/kg	T		<460000 U
1,1,2-TRICHLOROETHANE	ug/kg	T		<330000 U
1,1-DICHLOROETHANE	ug/kg	T		<310000 U
1,1-DICHLOROETHENE	ug/kg	T		<190000 U
1,2,3-TRICHLOROPROPANE	ug/kg	T		<670000 U
1,2-DIBROMO-3-CHLOROPROPANE	ug/kg	T		<670000 U
1,2-DIBROMOETHANE (EDB)	ug/kg	T		<670000 U
1,2-DICHLOROBENZENE	ug/kg	T		<2600 U
1,2-DICHLOROETHANE	ug/kg	T		<190000 U
1,2-DICHLOROPROPANE	ug/kg	T		<400000 U
1,3-DICHLOROBENZENE	ug/kg	T		<2600 U
1,4-DICHLORO-2-BUTENE	ug/kg	T		<670000 U
1,4-DICHLOROBENZENE	ug/kg	T		<5900 U
2-HEXANONE	ug/kg	T		<670000 U
ACETONE	ug/kg	T		<670000 U
ACROLEIN	ug/kg	T		<6700000 U
ACRYLONITRILE	ug/kg	T		<6700000 U
ALLYL CHLORIDE	ug/kg	T		<670000 U
BENZENE	ug/kg	T		<290000 U
BROMODICHLOROMETHANE	ug/kg	T		<150000 U
BROMOFORM	ug/kg	T		<310000 U
CARBON DISULFIDE	ug/kg	T		<670000 U
CARBON TETRACHLORIDE	ug/kg	T		<190000 U
CHLOROBENZENE	ug/kg	T		<400000 U
CHLORODIBROMOMETHANE	ug/kg	T		<210000 U
CHLOROFORM	ug/kg	T		<110000 U
CHLOROPRENE	ug/kg	T		NR U
CIS-1,3-DICHLOROPROPENE	ug/kg	T		<330000 U
DICHLORODIFLUOROMETHANE	ug/kg	T		<670000 U
ETHYL CHLORIDE	ug/kg	T		<670000 U
ETHYL METHACRYLATE	ug/kg	T		<670000 U
ETHYLBENZENE	ug/kg	T		<480000 U
IODOMETHANE	ug/kg	T		NR IND
M-XYLENE	ug/kg	T		<670000 U
METHYL BROMIDE	ug/kg	T		<670000 U
METHYL CHLORIDE	ug/kg	T		<670000 U
METHYL ETHYL KETONE	ug/kg	T		<670000 U
METHYL ISOBUTYL KETONE	ug/kg	T		<670000 U

< and ND = Non detect at stated reporting limit

Appendix C
Table 2
North Landfill Drum Results

			Sample ID	TPNLF09-02
			Date	5/15/90
			Top (ft)	
		Total (T)/	Bottom (ft)	
Analyte	**units**	**Diss. (D)**	**Duplicate #**	1
METHYL METHACRYLATE	ug/kg	T		<670000 U
METHYLENE BROMIDE	ug/kg	T		NR U
METHYLENE CHLORIDE	ug/kg	T		117000 JX
PENTACHLOROETHANE	ug/kg	T		NR IND
STYRENE	ug/kg	T		<670000 U
TETRACHLOROETHYLENE	ug/kg	T		<270000 U
TOLUENE	ug/kg	T		7980000
TRANS-1,2-DICHLOROETHENE	ug/kg	T		<110000 U
TRANS-1,3-DICHLOROPROPENE	ug/kg	T		<670000 U
TRICHLOROETHENE	ug/kg	T		<130000 U
TRICHLOROFLUOROMETHANE	ug/kg	T		<670000 U
VINYL ACETATE	ug/kg	T		<670000 U
VINYL CHLORIDE	ug/kg	T		<670000 U
XYLENES	ug/kg	T		<670000 U
1,2,4,5-TETRACHLOROBENZENE	ug/kg	T		<14000 U
1,2,4-TRICHLOROBENZENE	ug/kg	T		3200
1,3,5-TRINITROBENZENE	ug/kg	T		NR IND
1,3-DINITROBENZENE	ug/kg	T		<14000 U
1,4-NAPHTHOQUINONE	ug/kg	T		<14000 U
1-NAPHTHYLAMINE	ug/kg	T		<14000 U
2,3,4,6-TETRACHLOROPHENOL	ug/kg	T		<14000 U
2,4,5-TRICHLOROPHENOL	ug/kg	T		<14000 U
2,4,6-TRICHLOROPHENOL	ug/kg	T		<3600 U
2,4-DICHLOROPHENOL	ug/kg	T		<3600 U
2,4-DIMETHYLPHENOL	ug/kg	T		<3600 U
2,4-DINITROPHENOL	ug/kg	T		<57000 U
2,4-DINITROTOLUENE	ug/kg	T		<7700 U
2,6-DICHLOROPHENOL	ug/kg	T		<14000 U
2,6-DINITROTOLUENE	ug/kg	T		<2600 U
2-ACETYLAMINOFLUORENE	ug/kg	T		<14000 U
2-CHLOROPHENOL	ug/kg	T		<4500 U
2-METHYLNAPHTHALENE	ug/kg	T		<14000 U
2-METHYLPHENOL (O-CRESOL)	ug/kg	T		<14000 U
2-NAPHTHYLAMINE	ug/kg	T		<14000 U
2-NITROANILINE	ug/kg	T		<14000 U
2-NITROPHENOL	ug/kg	T		<4900 U
2-PICOLINE	ug/kg	T		<14000 U
3,3'-DICHLOROBENZIDINE	ug/kg	T		<23000 U
3,3'-DIMETHYLBENZIDINE	ug/kg	T		<14000 U
3- AND 4- METHYLPHENOL	ug/kg	T		<14000 U
3-METHYLCHOLANTHRENE	ug/kg	T		<14000 U
3-NITROANILINE	ug/kg	T		<14000 U
4,6-DINITRO-2-METHYLPHENOL	ug/kg	T		<32000 U

< and ND = Non detect at stated reporting limit

Appendix C
Table 2
North Landfill Drum Results

			Sample ID	TPNLF09-02
			Date	5/15/90
			Top (ft)	
		Total (T)/	Bottom (ft)	
Analyte	**units**	**Diss. (D)**	**Duplicate #**	1
4-AMINOBIPHENYL	ug/kg	T		<14000 U
4-BROMOPHENYL PHENYL ETHER	ug/kg	T		<2600 U
4-CHLORO-3-METHYLPHENOL	ug/kg	T		<4100 U
4-CHLOROANILINE	ug/kg	T		<14000 U
4-CHLOROPHENYL PHENYL ETHER	ug/kg	T		<5700 U
4-DIMETHYLAMINOAZOBENZENE	ug/kg	T		<14000 U
4-NITROANILINE	ug/kg	T		<14000 U
4-NITROPHENOL	ug/kg	T		<3200 U
4-NITROQUINOLINE-N-OXIDE	ug/kg	T		NR IND
5-NITRO-ORTHO-TOLUIDINE	ug/kg	T		<14000 U
7,12-DIMETHYLBENZ[A]ANTHRACENE	ug/kg	T		<14000 U
ACENAPHTHENE	ug/kg	T		<2600 U
ACENAPHTHYLENE	ug/kg	T		<4700 U
ACETOPHENONE	ug/kg	T		646000
ALPHA,ALPHA-DIMETHYLPHENETHYLAMINE	ug/kg	T		NR U
ANILINE	ug/kg	T		<14000 U
ANTHRACENE	ug/kg	T		<2600 U
ARAMITE	ug/kg	T		NR IND
BENZO(A)ANTHRACENE	ug/kg	T		<11000 U
BENZO(B)FLUORANTHENE	ug/kg	T		<6500 U
BENZO(G,H,I)PERYLENE	ug/kg	T		<5500 U
BENZO(K)FLUORANTHENE	ug/kg	T		<3400 U
BENZO[A]PYRENE	ug/kg	T		<3400 U
BENZYL ALCOHOL	ug/kg	T		<14000 U
BIS(2-CHLORO-1-METHYLETHYL) ETHER	ug/kg	T		<7700 U
BIS(2-CHLOROETHOXY)METHANE	ug/kg	T		<7200 U
BIS(2-CHLOROETHYL)ETHER	ug/kg	T		<7700 U
BIS(2-ETHYLHEXYL)PHTHALATE	ug/kg	T		<14000 U
BUTYL BENZYL PHTHALATE	ug/kg	T		<14000 U
CHLORDANE	ug/kg	T		<130000 U
CHLOROBENZILATE	ug/kg	T		<330000 U
CHRYSENE	ug/kg	T		<3400 U
DI-N-BUTYL PHTHALATE	ug/kg	T		<14000 U
DIALLATE	ug/kg	T		<14000 U
DIBENZ(A,H)ANTHRACENE	ug/kg	T		<14000 U
DIBENZOFURAN	ug/kg	T		<14000 U
DIETHYL PHTHALATE	ug/kg	T		<14000 U
DIMETHYL PHTHALATE	ug/kg	T		<14000 U
DIPHENYL AMINE	ug/kg	T		<14000 U
ETHYL METHANESULFONATE	ug/kg	T		<14000 U
FLUORANTHENE	ug/kg	T		<3000 U
FLUORENE	ug/kg	T		<2600 U
HEXACHLOROBENZENE	ug/kg	T		<2600 U

< and ND = Non detect at stated reporting limit

Appendix C
Table 2
North Landfill Drum Results

			Sample ID	TPNLF09-02
			Date	5/15/90
			Top (ft)	
		Total (T)/	Bottom (ft)	
Analyte	**units**	**Diss. (D)**	**Duplicate #**	1
HEXACHLOROBUTADIENE	ug/kg	T		8530
HEXACHLOROCYCLOPENTADIENE	ug/kg	T		<14000 U
HEXACHLOROETHANE	ug/kg	T		<2200 U
HEXACHLOROPHENE	ug/kg	T		<14000 U
HEXACHLOROPROPYLENE	ug/kg	T		<14000 U
INDENO (1,2,3-CD) PYRENE	ug/kg	T		<6400 U
ISODRIN	ug/kg	T		<8000 U
ISOPHORONE	ug/kg	T		<3000 U
ISOSAFROLE	ug/kg	T		<14000 U
KEPONE	ug/kg	T		<66000 U
METHAPYRILENE	ug/kg	T		NR IND
METHYL METHANESULFONATE	ug/kg	T		<14000 U
N-DIOCTYL PHTHALATE	ug/kg	T		<14000 U
N-NITROSO(METHYL)ETHYLAMINE	ug/kg	T		<14000 U
N-NITROSO-DI-N-BUTYLAMINE	ug/kg	T		<14000 U
N-NITROSODI-N-PROPYLAMINE	ug/kg	T		<14000 U
N-NITROSODIETHYLAMINE	ug/kg	T		<14000 U
N-NITROSODIMETHYLAMINE	ug/kg	T		<14000 U
N-NITROSODIPHENYLAMINE	ug/kg	T		<2600 U
N-NITROSOMORPHOLINE	ug/kg	T		<14000 U
N-NITROSOPIPERIDINE	ug/kg	T		<14000 U
N-NITROSOPYRROLIDINE	ug/kg	T		NR IND
NAPHTHALENE	ug/kg	T		<2200 U
NITROBENZENE	ug/kg	T		<2600 U
O,O,O-TRIETHYLPHOSPHOROTHIOATE	ug/kg	T		NR IND
O-TOLUIDINE	ug/kg	T		<14000 U
PARA-PHENYLENEDIAMINE	ug/kg	T		NR IND
PCN-2	ug/kg	T		<2600 U
PENTACHLOROBENZENE	ug/kg	T		<14000 U
PENTACHLORONITROBENZENE	ug/kg	T		NR IND
PENTACHLOROPHENOL	ug/kg	T		<4900 U
PHENACETIN	ug/kg	T		<14000 U
PHENANTHRENE	ug/kg	T		<7300 U
PHENOL	ug/kg	T		<2000 U
PRONAMIDE	ug/kg	T		<14000 U
PYRENE	ug/kg	T		<2600 U
PYRIDINE	ug/kg	T		<110000 U
SAFROLE	ug/kg	T		<14000 U
TETRAETHYL DITHIOPYROPHOSPHATE	ug/kg	T		NR U
1,2,3,7,8,9-HXCDD	PPB	T		<1.1 U
2,3,7,8-TCDD	PPB	T		<1.1 U
2,3,7,8-TCDF	PPB	T		<0.35 U
HEXACHLORODIBENZOFURAN	PPB	T		0.47

< and ND = Non detect at stated reporting limit

Appendix C
Table 2
North Landfill Drum Results

			Sample ID	TPNLF09-02
			Date	5/15/90
			Top (ft)	
		Total (T)/	Bottom (ft)	
Analyte	**units**	**Diss. (D)**	**Duplicate #**	1
Total TCDD	PPB	T		<12.7 U
Total TCDF	PPB	T		<7.2 U
2,4,5-T	ug/kg	T		<86 U
2,4-DICHLOROPHENOXYACETIC ACID	ug/kg	T		<430 U
DINOSEB	ug/kg	T		<14000 U
SILVEX	ug/kg	T		<86 U
PCB 1016	ug/kg	T		<66000 U
PCB 1221	ug/kg	T		<66000 U
PCB 1232	ug/kg	T		<66000 U
PCB 1242	ug/kg	T		<66000 U
PCB 1248	ug/kg	T		<66000 U
PCB 1254	ug/kg	T		<130000 U
PCB 1260	ug/kg	T		<130000 U
4,4'-DDD	ug/kg	T		<13000 U
4,4'-DDE	ug/kg	T		<13000 U
4,4'-DDT	ug/kg	T		<13000 U
ALDRIN	ug/kg	T		<6600 U
ALPHA-BHC	ug/kg	T		<6600 U
BETA-BHC	ug/kg	T		<6600 U
DELTA-BHC	ug/kg	T		<6600 U
DIELDRIN	ug/kg	T		<13000 U
ENDOSULFAN I	ug/kg	T		<6600 U
ENDOSULFAN II	ug/kg	T		<13000 U
ENDOSULFAN SULFATE	ug/kg	T		<13000 U
ENDRIN	ug/kg	T		<13000 U
ENDRIN ALDEHYDE	ug/kg	T		<13000 U
HEPTACHLOR	ug/kg	T		<6600 U
HEPTACHLOR EPOXIDE	ug/kg	T		<6600 U
LINDANE	ug/kg	T		<6600 U
METHOXYCHLOR	ug/kg	T		<66000 U
TOXAPHENE	ug/kg	T		<260000 U
ARSENIC	ug/kg	T		9600
BARIUM	ug/kg	T		840 JX
CADMIUM	ug/kg	T		<270 U
CHROMIUM	ug/kg	T		1500
LEAD	ug/kg	T		270 JX
MERCURY	ug/kg	T		1700
SELENIUM	ug/kg	T		260 JX
SILVER	ug/kg	T		<1400 U
CYANIDE	ug/kg	T		2460
REACTIVE CYANIDE	PPM	T		1.32
REACTIVE SULFIDE	PPM	T		NR U
SULFIDE	ug/kg	T		<1000 U

< and ND = Non detect at stated reporting limit

Appendix C
Table 2
North Landfill Drum Results

			Sample ID	TPNLF09-02
			Date	5/15/90
			Top (ft)	
		Total (T)/	**Bottom (ft)**	
Analyte	**units**	**Diss. (D)**	**Duplicate #**	1
TOTAL ORGANIC HALOGEN	%	T		26.77
CORROSIVITY	STD UNITS	T		2.16
GROSS BTU	BTU/LB	T		10841
PERCENT ASH	%	T		3.95

< and ND = Non detect at stated reporting limit

DuPont In-House Review (DDR)

The DDR is an automated internal review process used by the ADQM group to determine if the data is usable. The data is run through this automated program where a series of checks are performed on the data. The data is evaluated against hold time criteria, checked for blank contamination, assessed against matrix spike(MS)/matrix spike duplicate (MSD) recoveries, assessed against relative percent differences (RPDs) between these samples, assessed against laboratory control sample(LCS)/control sample duplicate (LCSD) recoveries, assessed against RPDs between these samples, assessed against RPDs between laboratory replicates, and assessed against surrogate spike recoveries. The DDR applies the following data qualifiers to analysis results, as warranted:

Qualifier	Definition
B	Not detected substantially above the level reported in the laboratory or field blanks.
R	Unusable result. Analyte may or may not be present in the sample.
J	Analyte present. Reported value may not be accurate or precise.
UJ	Not detected. Reporting limit may not be accurate or precise.

Laboratory Qualifiers

The laboratory may have applied one or more of the following data qualifiers to analysis results, as warranted:

DIL	The concentration is estimated or not reported due to dilution or to the presence of interfering analytes.
NC	The recovery and or RPD were not calculated.
J	Estimated value; result falls between method detection limit (mdl) and practical quantitation limit (pql).
U	Analyte was not detected at the specified reporting limit
B	Analyte concentration is not significantly greater than that detected in an associated method blank.

J	Estimated value; result falls between method detection limit (mdl) and practical quantitation limit (pql).
*	Surrogate recovery is outside stated control limits.
J	Method blank contamination. The associated method blank contains the target analyte at a reportable level.
B	Estimated result. Result is less than reporting limit (RL)
Q	Elevated reporting limit. The reporting limit is elevated because sample dilution was required to bring target compounds within calibration range of the analytical system.
G	Elevated reporting limit. The reporting limit is elevated because sample dilution was required for analysis due to matrix interference.

These lab qualifiers are applied independent of DuPont In-House Data Review (DDR) qualifiers.

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 3/15/90 1	MW-17 6/29/90 1	MW-17 9/12/90 1	MW-17 12/5/90 1	MW-17 3/6/91 1
1,1,1-TRICHLOROETHANE	ug/l	T	200		<5.0	<5.0	<5.0	<5.0	<5.0
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/l	T	170000		<10.0	<10.0	<10.0	<10.0	<10.0
1,1-DICHLOROETHANE	ug/l	T	2500		<5.0	<5.0	<5.0	<5.0	<5.0
1,1-DICHLOROETHENE	ug/l	T	7						
1,2-DICHLOROETHENE	ug/l	T	70						
BENZENE	ug/l	T	5		<5.0	<5.0	<5.0	<5.0	<5.0
CARBON TETRACHLORIDE	ug/l	T	5		<5.0	<5.0	<5.0	<5.0	<5.0
CHLOROFORM	ug/l	T	80		<5.0	<5.0	<5.0	<5.0	<5.0
CIS-1,2 DICHLOROETHENE	ug/l	T	70						
ETHANE	ug/l	T							
ETHENE	ug/l	T							
METHANE	ug/l	T							
METHYL CHLORIDE	ug/l	T	1100						
METHYLENE CHLORIDE	ug/l	T	5						
PROPANE	ug/l	T							
TETRACHLOROETHYLENE	ug/l	T	5		<5.0	<5.0	<5.0	<5.0	<5.0
TOLUENE	ug/l	T	790		<5.0	<5.0	<5.0	<5.0	<5.0
TRANS-1,2-DICHLOROETHENE	ug/l	T	100		<5.0	<5.0	<5.0	<5.0	<5.0
TRICHLOROETHENE	ug/l	T	5		<5.0	<5.0	<5.0	<5.0	<5.0
TRICHLOROFLUOROMETHANE	ug/l	T	7300		<5.0	<5.0	<5.0	<5.0	<5.0
VINYL CHLORIDE	ug/l	T	2						
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	T	6						
ANTIMONY	ug/l	T	6						
ARSENIC	ug/l	T	10						
CADMIUM	ug/l	T	5						
CALCIUM	ug/l	T							
COPPER	ug/l	T	1000		<10	<10	<10	<10	<10
IRON	ug/l	D	300						
IRON	ug/l	T	300						

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
^ and shaded cells = Concentration above criteria (NDs [^^] assumed to be 50% reporting limit)
< and ND = Non detect at stated reporting limit

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 3/15/90 1	MW-17 6/29/90 1	MW-17 9/12/90 1	MW-17 12/5/90 1	MW-17 3/6/91 1
LEAD	ug/l	T	4						
MAGNESIUM	ug/l	T	1100000						
MANGANESE	ug/l	T	50						
NICKEL	ug/l	T	100						
POTASSIUM	ug/l	T							
SILICON	ug/l	T							
SILVER	ug/l	T	98						
SODIUM	ug/l	T	350000						
VANADIUM	ug/l	T	62						
ZINC	ug/l	T	5000						
ALKALINITY, BICARB. AS CACO3 AT PH 4.5	ug/l	T							
ALKALINITY, CARB.AS CACO3 AT PH 8.3	ug/l	T							
AMMONIA	ug/l	T	10000						
CHEMICAL OXYGEN DEMAND (COD)	ug/l	T			6800	<5000	<5000	<5000	<5000
CHLORIDE	ug/l	T	250000						
CYANIDE	ug/l	T	200						
NITRATE	ug/l	T	10000						
NITRITE	ug/l	T	1000						
PH	STD UNITS	T	6.5						
PHOSPHORUS	ug/l	T	240000						
SPECIFIC CONDUCTANCE	UMHOS/CM	T							
SULFATE	ug/l	T	250000						
SULFIDE	ug/l	T							
TOTAL DISSOLVED SOLIDS	ug/l	T	500000		185000	205000	160000	232000	173000
TOTAL KJELDAHL NITROGEN	ug/l	T							
TOTAL ORGANIC CARBON	ug/l	T							
DEPTH TO WATER FROM TOC	Feet	T			40.57	40.2	40.68	40.98	40.94
ODOR (FIELD)	NONE	T			None	None	None	None	None
ODOR (FIELD)	TON	T							
PH (FIELD)	STD UNITS	T			8.36	7.45	7.97	7.61	8.55
TOTAL SUSPENDED SOLIDS	ug/l	T							

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
^ and shaded cells = Concentration above criteria (NDs [^^] assumed to be 50% reporting limit)
< and ND = Non detect at stated reporting limit

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 6/4/91 1	MW-17 9/5/91 1	MW-17 12/11/91 1	MW-17 3/4/92 1	MW-17 6/3/92 1
1,1,1-TRICHLOROETHANE	ug/l	T	200		<5.0	<5.0	<5.0	<2.0	<2.0
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/l	T	170000		<10.0	<10.0	<10.0	<10	<10
1,1-DICHLOROETHANE	ug/l	T	2500		<5.0	<5.0	<5.0	<2.0	<2.0
1,1-DICHLOROETHENE	ug/l	T	7						
1,2-DICHLOROETHENE	ug/l	T	70				<5.0	<2.0	<2.0
BENZENE	ug/l	T	5		<5.0	<5.0	<5.0	<1.0	<1.0
CARBON TETRACHLORIDE	ug/l	T	5		<5.0	<5.0	<5.0	<4.0	<4.0
CHLOROFORM	ug/l	T	80		<5.0	<5.0	<5.0	<1.0	<1.0
CIS-1,2 DICHLOROETHENE	ug/l	T	70						
ETHANE	ug/l	T							
ETHENE	ug/l	T							
METHANE	ug/l	T							
METHYL CHLORIDE	ug/l	T	1100						
METHYLENE CHLORIDE	ug/l	T	5						
PROPANE	ug/l	T							
TETRACHLOROETHYLENE	ug/l	T	5		<5.0	<5.0	<5.0	<2.0	<2.0
TOLUENE	ug/l	T	790		<5.0	<5.0	<5.0	<1.0	<1.0
TRANS-1,2-DICHLOROETHENE	ug/l	T	100		<5.0	<5.0			
TRICHLOROETHENE	ug/l	T	5		<5.0	<5.0	<5.0	<2.0	<2.0
TRICHLOROFLUOROMETHANE	ug/l	T	7300		<5.0	<5.0	<5.0	<3.0	<3.0
VINYL CHLORIDE	ug/l	T	2						
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	T	6						
ANTIMONY	ug/l	T	6						
ARSENIC	ug/l	T	10						
CADMIUM	ug/l	T	5						
CALCIUM	ug/l	T							
COPPER	ug/l	T	1000		<10	<10	<10	<10	<10
IRON	ug/l	D	300						
IRON	ug/l	T	300						

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
^ and shaded cells = Concentration above criteria (NDs [^^] assumed to be 50% reporting limit)
< and ND = Non detect at stated reporting limit

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 6/4/91 1	MW-17 9/5/91 1	MW-17 12/11/91 1	MW-17 3/4/92 1	MW-17 6/3/92 1
LEAD	ug/l	T	4						
MAGNESIUM	ug/l	T	1100000						
MANGANESE	ug/l	T	50						
NICKEL	ug/l	T	100						
POTASSIUM	ug/l	T							
SILICON	ug/l	T							
SILVER	ug/l	T	98						
SODIUM	ug/l	T	350000						
VANADIUM	ug/l	T	62						
ZINC	ug/l	T	5000						
ALKALINITY, BICARB. AS CACO3 AT PH 4.5	ug/l	T							
ALKALINITY, CARB.AS CACO3 AT PH 8.3	ug/l	T							
AMMONIA	ug/l	T	10000						
CHEMICAL OXYGEN DEMAND (COD)	ug/l	T			<5000	<5000	<5000	<5000	8600
CHLORIDE	ug/l	T	250000						
CYANIDE	ug/l	T	200						
NITRATE	ug/l	T	10000						
NITRITE	ug/l	T	1000						
PH	STD UNITS	T	6.5						
PHOSPHORUS	ug/l	T	240000						
SPECIFIC CONDUCTANCE	UMHOS/CM	T							
SULFATE	ug/l	T	250000						
SULFIDE	ug/l	T							
TOTAL DISSOLVED SOLIDS	ug/l	T	500000		189000	237000	287000	176000	166000
TOTAL KJELDAHL NITROGEN	ug/l	T							
TOTAL ORGANIC CARBON	ug/l	T							
DEPTH TO WATER FROM TOC	Feet	T			39.59	39.38	39.43	38.5	38.14
ODOR (FIELD)	NONE	T			None	None	None	None	None
ODOR (FIELD)	TON	T							
PH (FIELD)	STD UNITS	T			8.39	7.77	7.88	7.31	8.07
TOTAL SUSPENDED SOLIDS	ug/l	T							

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
^ and shaded cells = Concentration above criteria (NDs [^^] assumed to be 50% reporting limit)
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Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 9/3/92 1	MW-17 12/9/92 1	MW-17 3/4/93 1	MW-17 6/4/93 1	MW-17 9/2/93 1
1,1,1-TRICHLOROETHANE	ug/l	T	200		<2.0	<2.0	<2.0	<2.0	<2.0
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/l	T	170000		<10	<10	<10	<10	<10
1,1-DICHLOROETHANE	ug/l	T	2500		<2.0	<2.0	<2.0	<2.0	<2.0
1,1-DICHLOROETHENE	ug/l	T	7						
1,2-DICHLOROETHENE	ug/l	T	70		<2.0	<2.0	<2.0	<2.0	<2.0
BENZENE	ug/l	T	5		<1.0	<1.0	<1.0	<1.0	<1.0
CARBON TETRACHLORIDE	ug/l	T	5		<4.0	<4.0	<4.0	<4.0	<4.0
CHLOROFORM	ug/l	T	80		<1.0	<1.0	<1.0	<1.0	<1.0
CIS-1,2 DICHLOROETHENE	ug/l	T	70						
ETHANE	ug/l	T							
ETHENE	ug/l	T							
METHANE	ug/l	T							
METHYL CHLORIDE	ug/l	T	1100						
METHYLENE CHLORIDE	ug/l	T	5						
PROPANE	ug/l	T							
TETRACHLOROETHYLENE	ug/l	T	5		<2.0	<2.0	<2.0	<2.0	<2.0
TOLUENE	ug/l	T	790		<1.0	<1.0	<1.0	<1.0	<1.0
TRANS-1,2-DICHLOROETHENE	ug/l	T	100						
TRICHLOROETHENE	ug/l	T	5		<2.0	<2.0	<2.0	<2.0	<2.0
TRICHLOROFLUOROMETHANE	ug/l	T	7300		<3.0	<3.0	<3.0	<3.0	<3.0
VINYL CHLORIDE	ug/l	T	2						
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	T	6						
ANTIMONY	ug/l	T	6						
ARSENIC	ug/l	T	10						
CADMIUM	ug/l	T	5						
CALCIUM	ug/l	T							
COPPER	ug/l	T	1000		30	<10	<10	<10	<10
IRON	ug/l	D	300						
IRON	ug/l	T	300						

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
^ and shaded cells = Concentration above criteria (NDs [^^] assumed to be 50% reporting limit)
< and ND = Non detect at stated reporting limit

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 9/3/92 1	MW-17 12/9/92 1	MW-17 3/4/93 1	MW-17 6/4/93 1	MW-17 9/2/93 1
LEAD	ug/l	T	4						
MAGNESIUM	ug/l	T	1100000						
MANGANESE	ug/l	T	50						
NICKEL	ug/l	T	100						
POTASSIUM	ug/l	T							
SILICON	ug/l	T							
SILVER	ug/l	T	98						
SODIUM	ug/l	T	350000						
VANADIUM	ug/l	T	62						
ZINC	ug/l	T	5000						
ALKALINITY, BICARB. AS CACO3 AT PH 4.5	ug/l	T							
ALKALINITY, CARB.AS CACO3 AT PH 8.3	ug/l	T							
AMMONIA	ug/l	T	10000						
CHEMICAL OXYGEN DEMAND (COD)	ug/l	T			21000	<5000	8600	<5000	<5000
CHLORIDE	ug/l	T	250000						
CYANIDE	ug/l	T	200						
NITRATE	ug/l	T	10000						
NITRITE	ug/l	T	1000						
PH	STD UNITS	T	6.5						
PHOSPHORUS	ug/l	T	240000						
SPECIFIC CONDUCTANCE	UMHOS/CM	T							
SULFATE	ug/l	T	250000						
SULFIDE	ug/l	T							
TOTAL DISSOLVED SOLIDS	ug/l	T	500000		175000	240000	202000	185000	181000
TOTAL KJELDAHL NITROGEN	ug/l	T							
TOTAL ORGANIC CARBON	ug/l	T							
DEPTH TO WATER FROM TOC	Feet	T			37.83	38.17	38.44	37.64	36.68
ODOR (FIELD)	NONE	T			None	None	None	None	None
ODOR (FIELD)	TON	T							
PH (FIELD)	STD UNITS	T			8.08	7.85	7.59	8.47	7.54
TOTAL SUSPENDED SOLIDS	ug/l	T							

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
^ and shaded cells = Concentration above criteria (NDs [^^] assumed to be 50% reporting limit)
< and ND = Non detect at stated reporting limit

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 12/8/93 1	MW-17 3/17/94 1	MW-17 6/9/94 1	MW-17 9/9/94 1	MW-17 12/8/94 1
1,1,1-TRICHLOROETHANE	ug/l	T	200		<2.0	<1.0	<1.0	<1.0	<1.0
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/l	T	170000		<10	<10	<10	<10	<10
1,1-DICHLOROETHANE	ug/l	T	2500		<2.0	<1.0	<1.0	<1.0	<1.0
1,1-DICHLOROETHENE	ug/l	T	7						
1,2-DICHLOROETHENE	ug/l	T	70		<2.0	<1.0	<1.0	<1.0	<1.0
BENZENE	ug/l	T	5		<1.0	<1.0	<1.0	<1.0	<1.0
CARBON TETRACHLORIDE	ug/l	T	5		<4.0	<1.0	<1.0	<1.0	<1.0
CHLOROFORM	ug/l	T	80		<1.0	<1.0	<1.0	<1.0	<1.0
CIS-1,2 DICHLOROETHENE	ug/l	T	70						
ETHANE	ug/l	T							
ETHENE	ug/l	T							
METHANE	ug/l	T							
METHYL CHLORIDE	ug/l	T	1100						
METHYLENE CHLORIDE	ug/l	T	5						
PROPANE	ug/l	T							
TETRACHLOROETHYLENE	ug/l	T	5		<2.0	<1.0	<1.0	<1.0	<1.0
TOLUENE	ug/l	T	790		<1.0	<1.0	<1.0	<1.0	<1.0
TRANS-1,2-DICHLOROETHENE	ug/l	T	100						
TRICHLOROETHENE	ug/l	T	5		<2.0	<1.0	<1.0	<1.0	<1.0
TRICHLOROFLUOROMETHANE	ug/l	T	7300		<3.0	<1.0	<1.0	<1.0	<1.0
VINYL CHLORIDE	ug/l	T	2						
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	T	6						
ANTIMONY	ug/l	T	6						
ARSENIC	ug/l	T	10						
CADMIUM	ug/l	T	5						
CALCIUM	ug/l	T							
COPPER	ug/l	T	1000		<10	<10	<10	<10	<10
IRON	ug/l	D	300						
IRON	ug/l	T	300						

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
^ and shaded cells = Concentration above criteria (NDs [^^] assumed to be 50% reporting limit)
< and ND = Non detect at stated reporting limit

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 12/8/93 1	MW-17 3/17/94 1	MW-17 6/9/94 1	MW-17 9/9/94 1	MW-17 12/8/94 1
LEAD	ug/l	T	4						
MAGNESIUM	ug/l	T	1100000						
MANGANESE	ug/l	T	50						
NICKEL	ug/l	T	100						
POTASSIUM	ug/l	T							
SILICON	ug/l	T							
SILVER	ug/l	T	98						
SODIUM	ug/l	T	350000						
VANADIUM	ug/l	T	62						
ZINC	ug/l	T	5000						
ALKALINITY, BICARB. AS CACO3 AT PH 4.5	ug/l	T							
ALKALINITY, CARB.AS CACO3 AT PH 8.3	ug/l	T							
AMMONIA	ug/l	T	10000						
CHEMICAL OXYGEN DEMAND (COD)	ug/l	T			<5000	<5000	<5000	<5000	<5000
CHLORIDE	ug/l	T	250000						
CYANIDE	ug/l	T	200						
NITRATE	ug/l	T	10000						
NITRITE	ug/l	T	1000						
PH	STD UNITS	T	6.5						
PHOSPHORUS	ug/l	T	240000						
SPECIFIC CONDUCTANCE	UMHOS/CM	T							
SULFATE	ug/l	T	250000						
SULFIDE	ug/l	T							
TOTAL DISSOLVED SOLIDS	ug/l	T	500000		165000	106000	171000	146000	177000
TOTAL KJELDAHL NITROGEN	ug/l	T							
TOTAL ORGANIC CARBON	ug/l	T							
DEPTH TO WATER FROM TOC	Feet	T			36.7	37.28	36.56	36.71	37.83
ODOR (FIELD)	NONE	T			None	None	None	None	None
ODOR (FIELD)	TON	T							
PH (FIELD)	STD UNITS	T			7.52	8.05	7.9	8.11	7.85
TOTAL SUSPENDED SOLIDS	ug/l	T							

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
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< and ND = Non detect at stated reporting limit

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 3/2/95 1	MW-17 6/1/95 1	MW-17 9/6/95 1	MW-17 12/5/95 1	MW-17 3/25/96 1
1,1,1-TRICHLOROETHANE	ug/l	T	200		<1.0	<1.0	<1.0	<1.0	<.8
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/l	T	170000		<10	<10	<10	<10	<.9
1,1-DICHLOROETHANE	ug/l	T	2500		<1.0	<1.0	<1.0	<1.0	
1,1-DICHLOROETHENE	ug/l	T	7						<1.3
1,2-DICHLOROETHENE	ug/l	T	70		<2.0	<2.0	<2.0	<2.0	
BENZENE	ug/l	T	5		<1.0	<1.0	<1.0	<1.0	<.8
CARBON TETRACHLORIDE	ug/l	T	5		<1.0	<1.0	<1.0	<1.0	<1
CHLOROFORM	ug/l	T	80		<1.0	<1.0	<1.0	<1.0	<.8
CIS-1,2 DICHLOROETHENE	ug/l	T	70						<.7
ETHANE	ug/l	T							
ETHENE	ug/l	T							
METHANE	ug/l	T							
METHYL CHLORIDE	ug/l	T	1100						
METHYLENE CHLORIDE	ug/l	T	5						
PROPANE	ug/l	T							
TETRACHLOROETHYLENE	ug/l	T	5		<1.0	<1.0	<1.0	<1.0	<1.9
TOLUENE	ug/l	T	790		<1.0	<1.0	<1.0	<1.0	<3.8
TRANS-1,2-DICHLOROETHENE	ug/l	T	100						<1.1
TRICHLOROETHENE	ug/l	T	5		<1.0	<1.0	<1.0	<1.0	<1.3
TRICHLOROFLUOROMETHANE	ug/l	T	7300		<1.0	<1.0	<1.0	<1.0	<2.2
VINYL CHLORIDE	ug/l	T	2						
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	T	6						
ANTIMONY	ug/l	T	6						
ARSENIC	ug/l	T	10						
CADMIUM	ug/l	T	5						
CALCIUM	ug/l	T							
COPPER	ug/l	T	1000		<10	13	<10	<10	<5.8
IRON	ug/l	D	300						
IRON	ug/l	T	300						

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
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Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 3/2/95 1	MW-17 6/1/95 1	MW-17 9/6/95 1	MW-17 12/5/95 1	MW-17 3/25/96 1
LEAD	ug/l	T	4						
MAGNESIUM	ug/l	T	1100000						
MANGANESE	ug/l	T	50						
NICKEL	ug/l	T	100						
POTASSIUM	ug/l	T							
SILICON	ug/l	T							
SILVER	ug/l	T	98						
SODIUM	ug/l	T	350000						
VANADIUM	ug/l	T	62						
ZINC	ug/l	T	5000						
ALKALINITY, BICARB. AS CACO3 AT PH 4.5	ug/l	T							
ALKALINITY, CARB.AS CACO3 AT PH 8.3	ug/l	T							
AMMONIA	ug/l	T	10000						
CHEMICAL OXYGEN DEMAND (COD)	ug/l	T			5300	<5000	<5000	26000	<5000
CHLORIDE	ug/l	T	250000						
CYANIDE	ug/l	T	200						
NITRATE	ug/l	T	10000						
NITRITE	ug/l	T	1000						
PH	STD UNITS	T	6.5						
PHOSPHORUS	ug/l	T	240000						
SPECIFIC CONDUCTANCE	UMHOS/CM	T							
SULFATE	ug/l	T	250000						
SULFIDE	ug/l	T							
TOTAL DISSOLVED SOLIDS	ug/l	T	500000		170000	188000	186000	183000	206000
TOTAL KJELDAHL NITROGEN	ug/l	T							
TOTAL ORGANIC CARBON	ug/l	T							
DEPTH TO WATER FROM TOC	Feet	T			38.99	39.19	39.09	39.92	40.14
ODOR (FIELD)	NONE	T			None	None	None	None	
ODOR (FIELD)	TON	T							1
PH (FIELD)	STD UNITS	T			7.57	8	7.94	7.61	7.94
TOTAL SUSPENDED SOLIDS	ug/l	T							

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
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< and ND = Non detect at stated reporting limit

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 6/26/96 1	MW-17 9/10/96 1	MW-17 1/14/97 1	NL-4 10/6/98 1
1,1,1-TRICHLOROETHANE	ug/l	T	200		<.8	<.5	<1.	<1.
1,1,2-TRICHLOROTRIFLUOROETHANE	ug/l	T	170000		<1.8	<.9	<2.	<2.
1,1-DICHLOROETHANE	ug/l	T	2500		<.9	<.3	<2.	<2.
1,1-DICHLOROETHENE	ug/l	T	7					<1.
1,2-DICHLOROETHENE	ug/l	T	70					
BENZENE	ug/l	T	5		<.8	<.3	<1.	<1.
CARBON TETRACHLORIDE	ug/l	T	5		<1	<.4	<1.	<1.
CHLOROFORM	ug/l	T	80		<.8	<.4	<1.	1. J
CIS-1,2 DICHLOROETHENE	ug/l	T	70		<.7	<.3	<2.	<2.
ETHANE	ug/l	T						<1.
ETHENE	ug/l	T						<1.
METHANE	ug/l	T						<1.
METHYL CHLORIDE	ug/l	T	1100					<3.
METHYLENE CHLORIDE	ug/l	T	5		<.9	<.4	<2.	<2.
PROPANE	ug/l	T						<1.
TETRACHLOROETHYLENE	ug/l	T	5		<1.9	<.5	<1.	<1.
TOLUENE	ug/l	T	790		<3.8	<.4	<2.	<2.
TRANS-1,2-DICHLOROETHENE	ug/l	T	100		<1.1	<.3	<2.	<2.
TRICHLOROETHENE	ug/l	T	5		<1	<.4	<1.	<1.
TRICHLOROFLUOROMETHANE	ug/l	T	7300		<2.2	<.6	<2.	<2.
VINYL CHLORIDE	ug/l	T	2					<2.
BIS(2-ETHYLHEXYL)PHTHALATE	ug/l	T	6		<1.2	<1.2	2. J	
ANTIMONY	ug/l	T	6		<5.00	<5.00	<3.1	
ARSENIC	ug/l	T	10		<2.50	<5.00	3.4 J	
CADMIUM	ug/l	T	5		<2.0	<.500	1.27 J	
CALCIUM	ug/l	T						45600
COPPER	ug/l	T	1000		<4.0	<4.0	<3.8	
IRON	ug/l	D	300					45 J
IRON	ug/l	T	300					<8.0

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
^ and shaded cells = Concentration above criteria (NDs [^^] assumed to be 50% reporting limit)
< and ND = Non detect at stated reporting limit

Appendix C
Table 3
North Landfill Wells vs. Industrial Groundwater Regs

Analyte	Units	Total (T)/ Diss. (D)	Screening Criteria	Sample ID Date Top (ft) Bottom (ft) Duplicate #	MW-17 6/26/96 1	MW-17 9/10/96 1	MW-17 1/14/97 1	NL-4 10/6/98 1
LEAD	ug/l	T	4		^18.5	^6.60	^30.8	
MAGNESIUM	ug/l	T	1100000					14800
MANGANESE	ug/l	T	50					15
NICKEL	ug/l	T	100		<10.0	<10.0	<5.4	
POTASSIUM	ug/l	T						750
SILICON	ug/l	T						3610
SILVER	ug/l	T	98		<5.1	<.500	.52 J	
SODIUM	ug/l	T	350000					940
VANADIUM	ug/l	T	62		<4.2	<4.2	<7.0	
ZINC	ug/l	T	5000		2060	448	2300	
ALKALINITY, BICARB. AS CACO3 AT PH 4.5	ug/l	T						160000
ALKALINITY, CARB.AS CACO3 AT PH 8.3	ug/l	T						<460
AMMONIA	ug/l	T	10000					<250
CHEMICAL OXYGEN DEMAND (COD)	ug/l	T			<7000	<2000	19000	
CHLORIDE	ug/l	T	250000					1300
CYANIDE	ug/l	T	200		<4	<4	<4.0	
NITRATE	ug/l	T	10000					<30
NITRITE	ug/l	T	1000					<15
PH	STD UNITS	T	6.5					^7.76
PHOSPHORUS	ug/l	T	240000					<40
SPECIFIC CONDUCTANCE	UMHOS/CM	T						376
SULFATE	ug/l	T	250000					10900
SULFIDE	ug/l	T						<560
TOTAL DISSOLVED SOLIDS	ug/l	T	500000		210000	190000	191000	
TOTAL KJELDAHL NITROGEN	ug/l	T						870
TOTAL ORGANIC CARBON	ug/l	T						3400
DEPTH TO WATER FROM TOC	Feet	T						
ODOR (FIELD)	NONE	T						
ODOR (FIELD)	TON	T			1	2	1.4	
PH (FIELD)	STD UNITS	T						
TOTAL SUSPENDED SOLIDS	ug/l	T						9200

Criteria = MDEQ 2 GW Ind and Comm I, II, III DW Crit and RBSLs 12/2004
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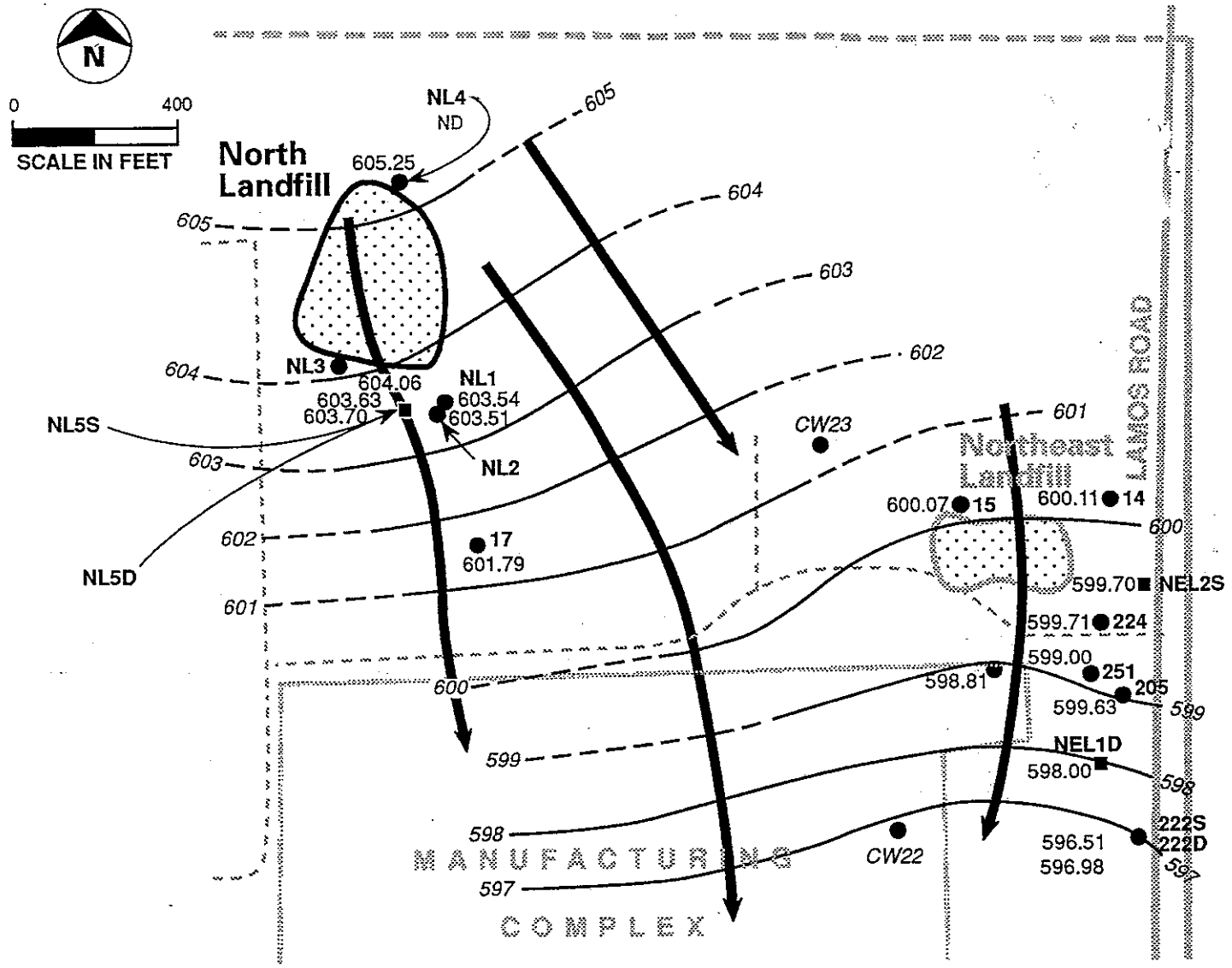
< and ND = Non detect at stated reporting limit

CH2MHILL DATA PACKAGE

1990 AND 1991 GROUNDWATER ANALYTICAL DATA

NORTH LANDFILL



LEGEND

- Site Boundary
- Inactive Landfills
- Roads
- Access Roads
- ■ Monitoring Wells Installed June 1990 By CH2M HILL
- ● Existing Monitoring Wells
- S Shallow Well (Screened at Water Table)
- D Deep Well
- NL North Landfill
- 597 Groundwater Elevation Contour
- Approximate Groundwater Flow Direction

NOTES:

If well has no "S" or "D" designation, it is a shallow well screened at or near the water table.

All locations are approximate.

Units = µg/l, (S=ms/l)

GLO28406.A6.04 Shallow Oct 91 N/NE Landfill 4-17-92mms

FIGURE 3-2

Shallow Groundwater Contour Map - October 1991 North and Northeast Landfill Areas

DuPont Montague Landfill RI Phase II A

CH2MHILL

FINAL REPORT

Remedial Investigation of Four Inactive Solid Waste Landfills

at the
DU PONT - MONTAGUE FACILITY
Montague, Michigan

DU PONT
REG U S PAT & TM OFF

Volume 2 of 2 - Technical Memorandum

No. 1 Geophysical Investigation
No. 2 Source Area Characterization
No. 3 Additional Groundwater Monitoring
No. 4 Environmental Sampling
No. 5 Data Validation

Prepared For

E.I. DU PONT DE NEMOURS AND CO., INC.

CH2MHILL Milwaukee, WI January 1991

DATA VALIDATION FLAGS

Data that do not meet the QA/QC criteria are qualified with flags, single letter abbreviations which indicate a problem with the data. Flags used in the results summary tables and their meaning are:

U Undetected. Analyte was analyzed for but not detected above the reported value.

B Analyte was detected in the sample and in the associated method, field, or trip blank. The quantitation of the analyte is biased high by the presence of the contaminant. The presence of this analyte in the sample may or may not be wholly attributed to the contamination.

J Estimated concentration values. Analyte was present but the reported value may not be accurate or precise because QA/QC measures were outside acceptance limits.

JX Estimated concentration value. The analyte concentration is above the instrument detection limit but below the quantitation limit for the method. For mass spectrometer detection methods the analyte was present but the reported value may not be accurate or precise. For nonmass spectrometer methods the presence of the analyte is not absolute

UJ,L Undetected. Analyte was analyzed for but not detected at the reported limit. The reported value may be biased low. The reported value is expected to be higher.

Laboratory reporting limits are not listed for several Appendix IX acid/base/neutral organic compounds. The dash (-) shown on the tables denotes that there is no analytical reference standard available and the compound is qualitatively searched. "Intermediate" (IND) denotes that reference standards and/or spikes cannot be detected.

GLT122/031.51

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2580		HA2591		HA2575	
SAMPLE POINT		GWNL-1		GWNL-2		GWNL-3	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
1,1,1,2-Tetrachloroethane	ug/l	10	U	10	U	10	U
1,1,1-Trichloroethane	ug/l	3.8	U	3.8	U	1.25	JX
1,1,2,2-Tetrachloroethane	ug/l	6.9	U	6.9	U	6.9	U
1,1,2-Trichloroethane	ug/l	5	U	5	U	5	U
1,1-Dichloroethane	ug/l	4.7	U	4.7	U	4.7	U
1,1-Dichloroethylene	ug/l	2.8	U	2.8	U	2.8	U
1,2,3-Trichloropropane	ug/l	10	U	10	U	10	U
1,2-Dibromo-3-chloropropane	ug/l	10	U	10	U	10	U
1,2-Dibromoethane	ug/l	10	U	10	U	10	U
1,2-Dichloroethane	ug/l	2.8	U	2.8	U	2.8	U
1,2-Dichloropropane	ug/l	6	U	6	U	6	U
1,2-Trans-dichloroethylene	ug/l	1.6	U	1.6	U	1.6	U
1,4-Dichloro-2-butene	ug/l	10	U	10	U	10	U
2-Chloro-1,3-butadiene	ug/l	--	U	--	U	--	U
2-Hexanone	ug/l	10	U	10	U	10	U
3-chloropropene	ug/l	10	U	10	U	10	U
Acetone	ug/l	6.66	JX, B	10	U	10	U
Benzene	ug/l	4.4	U	4.4	U	4.4	U
Bromoform	ug/l	4.7	U	4.7	U	4.7	U
Carbon disulfide	ug/l	10	U	3.23	JX	10	U
Carbon tetrachloride	ug/l	2.8	U	2.8	U	2.8	U
Chlorobenzene	ug/l	6	U	6	U	6	U
Chlorodibromomethane	ug/l	3.1	U	3.1	U	3.1	U
Chloroethane	ug/l	10	U	10	U	10	U
Chloroform	ug/l	1.6	U	1.6	U	1.6	U
Dibromomethane	ug/l	10	U	10	U	10	U
Dichlorobromomethane	ug/l	2.2	U	2.2	U	2.2	U
Dichlorodifluoromethane	ug/l	10	U	10	U	10	U
Ethyl methacrylate	ug/l	10	U	10	U	10	U
Ethylbenzene	ug/l	7.2	U	7.2	U	7.2	U
Iodomethane	ug/l	--	IND	--	IND	--	IND
Methyl bromide	ug/l	10	U	10	U	10	U
Methyl chloride	ug/l	10	U	10	U	10	U
Methyl ethyl ketone	ug/l	10	U	10	U	10	U
Methyl methacrylate	ug/l	10	U	10	U	10	U
Methyl-iso-butyl ketone	ug/l	10	U	10	U	10	U
Methylene chloride	ug/l	5.97	B	0.892	JX, B	1.66	JX, B
Pentachloroethane	ug/l	--	IND	--	IND	--	IND
Styrene	ug/l	10	U	10	U	10	U
Tetrachloroethylene	ug/l	4.1	U	4.1	U	4.1	U

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PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Toluene	ug/l	6	U	6	U	6	U
Trichloroethylene	ug/l	1.9	U	1.9	U	1.9	U
Trichlorofluoromethane	ug/l	10	U	10	U	10	U
Vinyl acetate	ug/l	10	U	10	U	10	U
Vinyl chloride	ug/l	10	U	10	U	10	U
cis-1,3-Dichloropropylene	ug/l	5	U	5	U	5	U
m-Xylene	ug/l	10	U	10	U	10	U
o+p-Xylenes	ug/l	10	U	10	U	10	U
trans-1,3-Dichloropropylene	ug/l	10	U	10	U	10	U
Acrolein	ug/l	100	U	100	U	100	U
Acrylonitrile	ug/l	100	U	100	U	100	U
1,2,4,5-Tetrachlorobenzene	ug/l	10	U	12	U	10	U
1,2,4-Trichlorobenzene	ug/l	1.9	U	2.3	U	1.9	U
1,2-Dichlorobenzene	ug/l	1.9	U	2.3	U	1.9	U
1,3-Dichlorobenzene	ug/l	1.9	U	2.3	U	1.9	U
1,4-Dichlorobenzene	ug/l	4.4	U	5.4	U	4.4	U
1,4-Naphthoquinone	ug/l	10	U	12	U	10	U
1-Naphthylamine	ug/l	10	U	12	U	10	U
2,3,4,6-Tetrachlorophenol	ug/l	10	U	12	U	10	U
2,4,5-Trichlorophenol	ug/l	10	U	12	U	10	U
2,4,6-Trichlorophenol	ug/l	2.7	U	3.3	U	2.7	U
2,4-Dichlorophenol	ug/l	2.7	U	3.3	U	2.7	U
2,4-Dimethylphenol	ug/l	2.7	U	3.3	U	2.7	U
2,4-Dinitrophenol	ug/l	42	U	51	U	42	U
2,4-Dinitrotoluene	ug/l	5.8	U	7	U	5.8	U
2,6-Dichlorophenol	ug/l	10	U	12	U	10	U
2,6-Dinitrotoluene	ug/l	1.9	U	2.3	U	1.9	U
2-Acetylaminofluorene	ug/l	10	U	12	U	10	U
2-Chloronaphthalene	ug/l	1.9	U	2.3	U	1.9	U
2-Chlorophenol	ug/l	3.3	U	4	U	3.3	U
2-Methylnaphthalene	ug/l	10	U	12	U	10	U
2-Naphthylamine	ug/l	10	U	12	U	10	U
2-Nitrophenol	ug/l	3.6	U	4.4	U	3.6	U
2-Picoline	ug/l	10	U	12	U	10	U
2-sec-Butyl-4,6-dinitrophenol	ug/l	10	U	12	U	10	U
3,3'-Dichlorobenzidine	ug/l	16.7	U	20.1	U	16.7	U
3,3'-Dimethylbenzidine	ug/l	10	U	12	U	10	U
3-Methylcholanthrene	ug/l	10	U	12	U	10	U
4,6-Dinitro-o-cresol	ug/l	24	U	29	U	24	U
4-Aminobiphenyl	ug/l	10	U	12	U	10	U

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SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
4-Bromophenyl phenyl ether	ug/l	1.9	U	2.3	U	1.9	U
4-Chlorophenyl phenyl ether	ug/l	4.2	U	5.1	U	4.2	U
4-Nitrophenol	ug/l	2.4	U	2.9	U	2.4	U
4-Nitroquinoline-N-oxide	ug/l	--	IND	--	IND	--	IND
5-Nitro-o-toluidine	ug/l	10	U	12	U	10	U
7,12-Dimethylbenzo(a)anthracen	ug/l	10	U	12	U	10	U
Acenaphthene	ug/l	1.9	U	2.3	U	1.9	U
Acenaphthylene	ug/l	3.5	U	4.3	U	3.5	U
Acetophenone	ug/l	10	U	12	U	10	U
Aniline	ug/l	10	U	12	U	10	U
Anthracene	ug/l	1.9	U	2.3	U	1.9	U
Aramite	ug/l	--	IND	--	IND	--	IND
Benzo(a)anthracene	ug/l	7.9	U	9.5	U	7.9	U
Benzo(a)pyrene	ug/l	2.5	U	3	U	2.5	U
Benzo(b)fluoranthene	ug/l	4.8	U	5.9	U	4.8	U
Benzo(ghi)perylene	ug/l	4.1	U	5	U	4.1	U
Benzo(k)fluoranthene	ug/l	2.5	U	3	U	2.5	U
Benzyl alcohol	ug/l	10	U	12	U	10	U
Butyl benzyl phthalate	ug/l	10	U	12	U	10	U
Chrysene	ug/l	2.5	U	3	U	2.5	U
Di-n-butyl phthalate	ug/l	10	U	12	U	10	U
Di-n-octyl phthalate	ug/l	10	U	12	U	10	U
Diallate	ug/l	10	U	12	U	10	U
Dibenzo(a,h)anthracene	ug/l	2.5	U	3	U	2.5	U
Dibenzofuran	ug/l	10	U	12	U	10	U
Diethyl phthalate	ug/l	10	U	12	U	10	U
Dimethyl phthalate	ug/l	10	U	12	U	10	U
Diphenylamine	ug/l	10	U	12	U	10	U
Ethyl methanesulfonate	ug/l	10	U	12	U	10	U
Fluoranthene	ug/l	2.2	U	2.7	U	2.2	U
Fluorene	ug/l	1.9	U	2.3	U	1.9	U
Hexachlorobenzene	ug/l	1.9	U	2.3	U	1.9	U
Hexachlorobutadiene	ug/l	0.91	U	1.1	U	0.91	U
Hexachlorocyclopentadiene	ug/l	10	U	12	U	10	U
Hexachloroethane	ug/l	1.6	U	2	U	1.6	U
Hexachlorophene	ug/l	10	U	12	U	10	U
Hexachloropropene	ug/l	10	U	12	U	10	U
Indeno(1,2,3-c,d)pyrene	ug/l	3.7	U	4.5	U	3.7	U
Isodrin	ug/l	6	U	7.2	U	6	U
Isophorone	ug/l	2.2	U	2.7	U	2.2	U

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PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Isosafrole	ug/l	10	U	12	U	10	U
Methapyrilene	ug/l	--	IND	--	IND	--	IND
Methyl methanesulfonate	ug/l	10	U	12	U	10	U
N-Nitrosodi-n-butylamine	ug/l	10	U	12	U	10	U
N-Nitrosodi-n-propylamine	ug/l	10	U	12	U	10	U
N-Nitrosodiethylamine	ug/l	10	U	12	U	10	U
N-Nitrosodimethylamine	ug/l	10	U	12	U	10	U
N-Nitrosodiphenylamine	ug/l	1.9	U	2.3	U	1.9	U
N-Nitrosomethylethylamine	ug/l	10	U	12	U	10	U
N-Nitrosomorpholine	ug/l	10	U	12	U	10	U
N-Nitrosopiperidine	ug/l	10	U	12	U	10	U
N-Nitrosopyrrolidine	ug/l	--	IND	--	IND	--	IND
Naphthalene	ug/l	1.6	U	2	U	1.6	U
Nitrobenzene	ug/l	1.9	U	2.3	U	1.9	U
O,O,O-Triethyl phosphorothioat	ug/l	--	IND	--	IND	--	IND
Pentachlorobenzene	ug/l	10	U	12	U	10	U
Pentachloronitrobenzene	ug/l	--	IND	--	IND	--	IND
Pentachlorophenol	ug/l	3.6	U	4.4	U	3.6	U
Phenacetin	ug/l	10	U	12	U	10	U
Phenanthrene	ug/l	5.5	U	6.6	U	5.5	U
Phenol	ug/l	1.5	U	1.8	U	1.5	U
Pronamide	ug/l	10	U	12	U	10	U
Pyrene	ug/l	1.9	U	2.3	U	1.9	U
Pyridine	ug/l	10	U	12	U	10	U
Safrole	ug/l	10	U	12	U	10	U
Tetraethyldithiopyrophosphate	ug/l	--	U	--	U	--	U
a-a-Dimethylphenethylamine	ug/l	--	U	--	U	--	U
bis(2-Chloroethoxy)methane	ug/l	5.4	U	6.5	U	5.4	U
bis(2-Chloroethyl) ether	ug/l	5.8	U	7	U	5.8	U
bis(2-Chloroisopropyl)ether	ug/l	5.8	U	7	U	5.8	U
bis(2-Ethylhexyl)phthalate	ug/l	10	U	12	U	10	U
m+p-Cresols	ug/l	10	U	12	U	10	U
m-Dinitrobenzene	ug/l	10	U	12	U	10	U
m-Nitroaniline	ug/l	10	U	12	U	10	U
o-Cresol	ug/l	10	U	12	U	10	U
o-Nitroaniline	ug/l	10	U	12	U	10	U
o-Toluidine	ug/l	10	U	12	U	10	U
p-Chloro-m-cresol	ug/l	3	U	3.7	U	3	U
p-Chloroaniline	ug/l	10	U	12	U	10	U
p-Dimethylaminoazobenzene	ug/l	10	U	12	U	10	U

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SAMPLE POINT		GWNL-1		GWNL-2		GWNL-3	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
p-Nitroaniline	ug/l	10	U	12	U	10	U
p-phenylenediamine	ug/l	--	IND	--	IND	--	IND
sym-Trinitrobenzene	ug/l	--	IND	--	IND	--	IND
Antimony	ug/l	60	U	60	U	60	U
Arsenic	ug/l	10	U	10	U	10	U
Barium	ug/l	4.1	JX	6.7	JX	20	U
Beryllium	ug/l	1	U	1	U	1	U
Cadmium	ug/l	2	U	2	U	2	U
Chromium	ug/l	10	U	10	U	10	U
Cobalt	ug/l	20	U	20	U	20	U
Copper	ug/l	10	U	10	U	10	U
Lead	ug/l	3.1	JX	2.4	JX	5	U
Mercury	ug/l	0.2	U	0.2	U	0.2	U
Nickel	ug/l	20	U	20	U	20	U
Selenium	ug/l	5	U	5	U	5	U
Silver	ug/l	10	U	10	U	10	U
Thallium	ug/l	10	U	10	U	10	U
Tin	ug/l	10	JX	50	U	50	U
Vanadium	ug/l	20	U	20	U	20	U
Zinc	ug/l	24	B	59	B	24	B
Sulfide as S	mg/l	0.05	U	0.05	U	0.05	U
Cyanide, Total	mg/l	10	U	10	U	10	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2578		HA2584		HA2590	
SAMPLE POINT		GWNL-4		GWNL-5D		GWNL-5S	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
1,1,1,2-Tetrachloroethane	ug/l	10	U	10	U	10	U
1,1,1-Trichloroethane	ug/l	3.8	U	3.8	U	3.8	U
1,1,2,2-Tetrachloroethane	ug/l	6.9	U	6.9	U	6.9	U
1,1,2-Trichloroethane	ug/l	5	U	5	U	5	U
1,1-Dichloroethane	ug/l	4.7	U	4.7	U	4.7	U
1,1-Dichloroethylene	ug/l	2.8	U	2.8	U	2.8	U
1,2,3-Trichloropropane	ug/l	10	U	10	U	10	U
1,2-Dibromo-3-chloropropane	ug/l	10	U	10	U	10	U
1,2-Dibromoethane	ug/l	10	U	10	U	10	U
1,2-Dichloroethane	ug/l	2.8	U	2.8	U	2.8	U
1,2-Dichloropropane	ug/l	6	U	6	U	6	U
1,2-Trans-dichloroethylene	ug/l	1.6	U	1.6	U	1.6	U
1,4-Dichloro-2-butene	ug/l	10	U	10	U	10	U
2-Chloro-1,3-butadiene	ug/l	--	U	--	U	--	U
2-Hexanone	ug/l	10	U	10	U	10	U
3-chloropropene	ug/l	10	U	10	U	10	U
Acetone	ug/l	4.85	JX, B	10	U	2.39	JX, B
Benzene	ug/l	4.4	U	4.4	U	4.4	U
Bromoform	ug/l	4.7	U	4.7	U	4.7	U
Carbon disulfide	ug/l	10	U	10	U	10	U
Carbon tetrachloride	ug/l	2.8	U	2.8	U	2.8	U
Chlorobenzene	ug/l	6	U	6	U	6	U
Chlorodibromomethane	ug/l	3.1	U	3.1	U	3.1	U
Chloroethane	ug/l	10	U	10	U	10	U
Chloroform	ug/l	1.6	U	1.6	U	1.6	U
Dibromomethane	ug/l	10	U	10	U	10	U
Dichlorobromomethane	ug/l	2.2	U	2.2	U	2.2	U
Dichlorodifluoromethane	ug/l	10	U	10	U	4.13	JX
Ethyl methacrylate	ug/l	10	U	10	U	10	U
Ethylbenzene	ug/l	7.2	U	7.2	U	7.2	U
Iodomethane	ug/l	--	IND	--	IND	--	IND
Methyl bromide	ug/l	10	U	10	U	10	U
Methyl chloride	ug/l	10	U	10	U	10	U
Methyl ethyl ketone	ug/l	10	U	10	U	10	U
Methyl methacrylate	ug/l	10	U	10	U	10	U
Methyl-iso-butyl ketone	ug/l	10	U	10	U	10	U
Methylene chloride	ug/l	1.56	JX, B	2.8	U	1.36	JX, B
Pentachloroethane	ug/l	--	IND	--	IND	--	IND
Styrene	ug/l	10	U	10	U	10	U
Tetrachloroethylene	ug/l	4.1	U	4.1	U	4.1	U

NORTH LANDFILL GROUNDWATER

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SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Toluene	ug/l	6	U	6	U	6	U
Trichloroethylene	ug/l	1.9	U	1.9	U	1.9	U
Trichlorofluoromethane	ug/l	10	U	10	U	10	U
Vinyl acetate	ug/l	10	U	10	U	10	U
Vinyl chloride	ug/l	10	U	10	U	10	U
cis-1,3-Dichloropropylene	ug/l	5	U	5	U	5	U
m-Xylene	ug/l	10	U	10	U	10	U
o+p-Xylenes	ug/l	10	U	10	U	10	U
trans-1,3-Dichloropropylene	ug/l	10	U	10	U	10	U
Acrolein	ug/l	100	U	100	U	100	U
Acrylonitrile	ug/l	100	U	100	U	100	U
1,2,4,5-Tetrachlorobenzene	ug/l	10	U	10	U	11	U
1,2,4-Trichlorobenzene	ug/l	1.9	U	1.9	U	2.1	U
1,2-Dichlorobenzene	ug/l	1.9	U	1.9	U	2.1	U
1,3-Dichlorobenzene	ug/l	1.9	U	1.9	U	2.1	U
1,4-Dichlorobenzene	ug/l	4.5	U	4.4	U	4.9	U
1,4-Naphthoquinone	ug/l	10	U	10	U	11	U
1-Naphthylamine	ug/l	10	U	10	U	11	U
2,3,4,6-Tetrachlorophenol	ug/l	10	U	10	U	11	U
2,4,5-Trichlorophenol	ug/l	10	U	10	U	11	U
2,4,6-Trichlorophenol	ug/l	2.8	U	2.7	U	3	U
2,4-Dichlorophenol	ug/l	2.8	U	2.7	U	3	U
2,4-Dimethylphenol	ug/l	2.8	U	2.7	U	3	U
2,4-Dinitrophenol	ug/l	43	U	42	U	47	U
2,4-Dinitrotoluene	ug/l	5.8	U	5.8	U	6.3	U
2,6-Dichlorophenol	ug/l	10	U	10	U	11	U
2,6-Dinitrotoluene	ug/l	1.9	U	1.9	U	2.1	U
2-Acetylaminofluorene	ug/l	10	U	10	U	11	U
2-Chloronaphthalene	ug/l	1.9	U	1.9	U	2.1	U
2-Chlorophenol	ug/l	3.4	U	3.3	U	3.7	U
2-Methylnaphthalene	ug/l	10	U	10	U	11	U
2-Naphthylamine	ug/l	10	U	10	U	11	U
2-Nitrophenol	ug/l	3.7	U	3.6	U	4	U
2-Picoline	ug/l	10	U	10	U	11	U
2-sec-Butyl-4,6-dinitrophenol	ug/l	10	U	10	U	11	U
3,3'-Dichlorobenzidine	ug/l	16.8	U	16.7	U	18.3	U
3,3'-Dimethylbenzidine	ug/l	10	U	10	U	11	U
3-Methylcholanthrene	ug/l	10	U	10	U	11	U
4,6-Dinitro-o-cresol	ug/l	24	U	24	U	27	U
4-Aminobiphenyl	ug/l	10	U	10	U	11	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2578		HA2584		HA2590	
SAMPLE POINT		GWNL-4		GWNL-5D		GWNL-5S	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
4-Bromophenyl phenyl ether	ug/l	1.9	U	1.9	U	2.1	U
4-Chlorophenyl phenyl ether	ug/l	4.3	U	4.2	U	4.7	U
4-Nitrophenol	ug/l	2.4	U	2.4	U	2.7	U
4-Nitroquinoline-N-oxide	ug/l	--	IND	--	IND	--	IND
5-Nitro-o-toluidine	ug/l	10	U	10	U	11	U
7,12-Dimethylbenzo(a)anthracen	ug/l	10	U	10	U	11	U
Acenaphthene	ug/l	1.9	U	1.9	U	2.1	U
Acenaphthylene	ug/l	3.6	U	3.5	U	3.9	U
Acetophenone	ug/l	10	U	10	U	11	U
Aniline	ug/l	10	U	10	U	11	U
Anthracene	ug/l	1.9	U	1.9	U	2.1	U
Aramite	ug/l	--	IND	--	IND	--	IND
Benzo(a)anthracene	ug/l	8	U	7.9	U	8.7	U
Benzo(a)pyrene	ug/l	2.6	U	2.5	U	2.8	U
Benzo(b)fluoranthene	ug/l	4.9	U	4.8	U	5.3	U
Benzo(ghi)perylene	ug/l	4.2	U	4.1	U	4.6	U
Benzo(k)fluoranthene	ug/l	2.6	U	2.5	U	2.8	U
Benzyl alcohol	ug/l	10	U	10	U	11	U
Butyl benzyl phthalate	ug/l	10	U	10	U	11	U
Chrysene	ug/l	2.6	U	2.5	U	2.8	U
Di-n-butyl phthalate	ug/l	10	U	10	U	11	U
Di-n-octyl phthalate	ug/l	10	U	10	U	11	U
Diallate	ug/l	10	U	10	U	11	U
Dibenzo(a,h)anthracene	ug/l	2.6	U	2.5	U	2.8	U
Dibenzofuran	ug/l	10	U	10	U	11	U
Diethyl phthalate	ug/l	10	U	10	U	11	U
Dimethyl phthalate	ug/l	10	U	10	U	11	U
Diphenylamine	ug/l	10	U	10	U	11	U
Ethyl methanesulfonate	ug/l	10	U	10	U	11	U
Fluoranthene	ug/l	2.2	U	2.2	U	2.4	U
Fluorene	ug/l	1.9	U	1.9	U	2.1	U
Hexachlorobenzene	ug/l	1.9	U	1.9	U	2.1	U
Hexachlorobutadiene	ug/l	0.92	U	0.91	U	1	U
Hexachlorocyclopentadiene	ug/l	10	U	10	U	11	U
Hexachloroethane	ug/l	1.6	U	1.6	U	1.8	U
Hexachlorophene	ug/l	10	U	10	U	11	U
Hexachloropropene	ug/l	10	U	10	U	11	U
Indeno(1,2,3-c,d)pyrene	ug/l	3.8	U	3.7	U	4.1	U
Isodrin	ug/l	6	U	6	U	6.6	U
Isophorone	ug/l	2.2	U	2.2	U	2.4	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2578		HA2584		HA2590	
SAMPLE POINT		GWNL-4		GWNL-5D		GWNL-5S	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Isosafrole	ug/l	10	U	10	U	11	U
Methapyrilene	ug/l	--	IND	--	IND	--	IND
Methyl methanesulfonate	ug/l	10	U	10	U	11	U
N-Nitrosodi-n-butylamine	ug/l	10	U	10	U	11	U
N-Nitrosodi-n-propylamine	ug/l	10	U	10	U	11	U
N-Nitrosodiethylamine	ug/l	10	U	10	U	11	U
N-Nitrosodimethylamine	ug/l	10	U	10	U	11	U
N-Nitrosodiphenylamine	ug/l	1.9	U	1.9	U	2.1	U
N-Nitrosomethylethylamine	ug/l	10	U	10	U	11	U
N-Nitrosomorpholine	ug/l	10	U	10	U	11	U
N-Nitrosopiperidine	ug/l	10	U	10	U	11	U
N-Nitrosopyrrolidine	ug/l	--	IND	--	IND	--	IND
Naphthalene	ug/l	1.6	U	1.6	U	1.8	U
Nitrobenzene	ug/l	1.9	U	1.9	U	2.1	U
O,O,O-Triethyl phosphorothioat	ug/l	--	IND	--	IND	--	IND
Pentachlorobenzene	ug/l	10	U	10	U	11	U
Pentachloronitrobenzene	ug/l	--	IND	--	IND	--	IND
Pentachlorophenol	ug/l	3.7	U	3.6	U	4	U
Phenacetin	ug/l	10	U	10	U	11	U
Phenanthrene	ug/l	5.5	U	5.5	U	6	U
Phenol	ug/l	1.5	U	1.5	U	1.7	U
Pronamide	ug/l	10	U	10	U	11	U
Pyrene	ug/l	1.9	U	1.9	U	2.1	U
Pyridine	ug/l	10	U	10	U	11	U
Safrole	ug/l	10	U	10	U	11	U
Tetraethyldithiopyrophosphate	ug/l	--	U	--	U	--	U
a-a-Dimethylphenethylamine	ug/l	--	U	--	U	--	U
bis(2-Chloroethoxy)methane	ug/l	5.4	U	5.4	U	5.9	U
bis(2-Chloroethyl) ether	ug/l	5.8	U	5.8	U	6.3	U
bis(2-Chloroisopropyl)ether	ug/l	5.8	U	5.8	U	6.3	U
bis(2-Ethylhexyl)phthalate	ug/l	10	U	10	U	11	U
m+p-Cresols	ug/l	10	U	10	U	11	U
m-Dinitrobenzene	ug/l	10	U	10	U	11	U
m-Nitroaniline	ug/l	10	U	10	U	11	U
o-Cresol	ug/l	10	U	10	U	11	U
o-Nitroaniline	ug/l	10	U	10	U	11	U
o-Toluidine	ug/l	10	U	10	U	11	U
p-Chloro-m-cresol	ug/l	3.1	U	3	U	3.3	U
p-Chloroaniline	ug/l	10	U	10	U	11	U
p-Dimethylaminoazobenzene	ug/l	10	U	10	U	11	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2578		HA2584		HA2590	
SAMPLE POINT		GWNL-4		GWNL-5D		GWNL-5S	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
p-Nitroaniline	ug/l	10	U	10	U	11	U
p-phenylenediamine	ug/l	--	IND	--	IND	--	IND
sym-Trinitrobenzene	ug/l	--	IND	--	IND	--	IND
Antimony	ug/l	60	U	60	U	60	U
Arsenic	ug/l	10	U	10	U	10	U
Barium	ug/l	20	U	8.2	JX	20	U
Beryllium	ug/l	1	U	1	U	1	U
Cadmium	ug/l	2	U	2	U	2	U
Chromium	ug/l	10	U	10	U	10	U
Cobalt	ug/l	20	U	20	U	20	U
Copper	ug/l	10	U	10	U	10	U
Lead	ug/l	5	U	2.4	JX	3	JX
Mercury	ug/l	0.2	U	0.2	U	0.2	U
Nickel	ug/l	20	U	20	U	20	U
Selenium	ug/l	5	U	5	U	5	U
Silver	ug/l	10	U	10	U	10	U
Thallium	ug/l	10	U	10	U	10	U
Tin	ug/l	50	U	50	U	50	U
Vanadium	ug/l	20	U	20	U	20	U
Zinc	ug/l	49	B	86	B	41	B
Sulfide as S	mg/l	0.05	U	0.05	U	0.05	U
Cyanide, Total	mg/l	10	U	10	U	10	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2588		HA2582		HA2573	
SAMPLE POINT		GWNL-5SFR		GWMW-17		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
1,1,1,2-Tetrachloroethane	ug/l	10	U	10	U	10	U
1,1,1-Trichloroethane	ug/l	3.8	U	3.8	U	3.8	U
1,1,2,2-Tetrachloroethane	ug/l	6.9	U	6.9	U	6.9	U
1,1,2-Trichloroethane	ug/l	5	U	5	U	5	U
1,1-Dichloroethane	ug/l	4.7	U	4.7	U	4.7	U
1,1-Dichloroethylene	ug/l	2.8	U	2.8	U	2.8	U
1,2,3-Trichloropropane	ug/l	10	U	10	U	10	U
1,2-Dibromo-3-chloropropane	ug/l	10	U	10	U	10	U
1,2-Dibromoethane	ug/l	10	U	10	U	10	U
1,2-Dichloroethane	ug/l	2.8	U	2.8	U	2.8	U
1,2-Dichloropropane	ug/l	6	U	6	U	6	U
1,2-Trans-dichloroethylene	ug/l	1.6	U	1.6	U	1.6	U
1,4-Dichloro-2-butene	ug/l	10	U	10	U	10	U
2-Chloro-1,3-butadiene	ug/l	--	U	--	U	--	U
2-Hexanone	ug/l	10	U	10	U	10	U
3-chloropropene	ug/l	10	U	10	U	10	U
Acetone	ug/l	10	U	10	U	10	U
Benzene	ug/l	4.4	U	4.4	U	4.4	U
Bromoform	ug/l	4.7	U	4.7	U	4.7	U
Carbon disulfide	ug/l	1.19	JX	10	U	10	U
Carbon tetrachloride	ug/l	2.8	U	2.8	U	2.8	U
Chlorobenzene	ug/l	6	U	6	U	6	U
Chlorodibromomethane	ug/l	3.1	U	3.1	U	3.1	U
Chloroethane	ug/l	10	U	10	U	10	U
Chloroform	ug/l	1.6	U	1.6	U	1.6	U
Dibromomethane	ug/l	10	U	10	U	10	U
Dichlorobromomethane	ug/l	2.2	U	2.2	U	2.2	U
Dichlorodifluoromethane	ug/l	10	U	4.79	JX	10	U
Ethyl methacrylate	ug/l	10	U	10	U	10	U
Ethylbenzene	ug/l	7.2	U	7.2	U	7.2	U
Iodomethane	ug/l	--	IND	--	IND	--	IND
Methyl bromide	ug/l	10	U	10	U	10	U
Methyl chloride	ug/l	10	U	10	U	10	U
Methyl ethyl ketone	ug/l	10	U	10	U	10	U
Methyl methacrylate	ug/l	10	U	10	U	10	U
Methyl-iso-butyl ketone	ug/l	10	U	10	U	10	U
Methylene chloride	ug/l	0.914	JX, B	1.73	JX, B	2.07	JX, B
Pentachloroethane	ug/l	--	IND	--	IND	--	IND
Styrene	ug/l	10	U	10	U	10	U
Tetrachloroethylene	ug/l	4.1	U	4.1	U	4.1	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2588		HA2582		HA2573	
SAMPLE POINT		GWNL-5SFR		GWMW-17		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Toluene	ug/l	6	U	6	U	6	U
Trichloroethylene	ug/l	1.9	U	1.9	U	1.9	U
Trichlorofluoromethane	ug/l	10	U	10	U	1.28	JX
Vinyl acetate	ug/l	10	U	10	U	10	U
Vinyl chloride	ug/l	10	U	10	U	10	U
cis-1,3-Dichloropropylene	ug/l	5	U	5	U	5	U
m-Xylene	ug/l	10	U	10	U	10	U
o+p-Xylenes	ug/l	10	U	10	U	10	U
trans-1,3-Dichloropropylene	ug/l	10	U	10	U	10	U
Acrolein	ug/l	100	U	100	U	100	U
Acrylonitrile	ug/l	100	U	100	U	100	U
1,2,4,5-Tetrachlorobenzene	ug/l	11	U	10	U	11	U
1,2,4-Trichlorobenzene	ug/l	2.1	U	1.9	U	2.1	U
1,2-Dichlorobenzene	ug/l	2.1	U	1.9	U	2.1	U
1,3-Dichlorobenzene	ug/l	2.1	U	1.9	U	2.1	U
1,4-Dichlorobenzene	ug/l	4.9	U	4.4	U	4.9	U
1,4-Naphthoquinone	ug/l	11	U	10	U	11	U
1-Naphthylamine	ug/l	11	U	10	U	11	U
2,3,4,6-Tetrachlorophenol	ug/l	11	U	10	U	11	U
2,4,5-Trichlorophenol	ug/l	11	U	10	U	11	U
2,4,6-Trichlorophenol	ug/l	3	U	2.7	U	3	U
2,4-Dichlorophenol	ug/l	3	U	2.7	U	3	U
2,4-Dimethylphenol	ug/l	3	U	2.7	U	3	U
2,4-Dinitrophenol	ug/l	47	U	42	U	47	U
2,4-Dinitrotoluene	ug/l	6.3	U	5.8	U	6.3	U
2,6-Dichlorophenol	ug/l	11	U	10	U	11	U
2,6-Dinitrotoluene	ug/l	2.1	U	1.9	U	2.1	U
2-Acetylaminofluorene	ug/l	11	U	10	U	11	U
2-Chloronaphthalene	ug/l	2.1	U	1.9	U	2.1	U
2-Chlorophenol	ug/l	3.7	U	3.3	U	3.7	U
2-Methylnaphthalene	ug/l	11	U	10	U	11	U
2-Naphthylamine	ug/l	11	U	10	U	11	U
2-Nitrophenol	ug/l	4	U	3.6	U	4	U
2-Picoline	ug/l	11	U	10	U	11	U
2-sec-Butyl-4,6-dinitrophenol	ug/l	11	U	10	U	11	U
3,3'-Dichlorobenzidine	ug/l	18.3	U	16.7	U	18.3	U
3,3'-Dimethylbenzidine	ug/l	11	U	10	U	11	U
3-Methylcholanthrene	ug/l	11	U	10	U	11	U
4,6-Dinitro-o-cresol	ug/l	27	U	24	U	27	U
4-Aminobiphenyl	ug/l	11	U	10	U	11	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2588		HA2582		HA2573	
SAMPLE POINT		GWNL-5SFR		GWMW-17		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
4-Bromophenyl phenyl ether	ug/l	2.1	U	1.9	U	2.1	U
4-Chlorophenyl phenyl ether	ug/l	4.7	U	4.2	U	4.7	U
4-Nitrophenol	ug/l	2.7	U	2.4	U	2.7	U
4-Nitroquinoline-N-oxide	ug/l	--	IND	--	IND	--	IND
5-Nitro-o-toluidine	ug/l	11	U	10	U	11	U
7,12-Dimethylbenzo(a)anthracen	ug/l	11	U	10	U	11	U
Acenaphthene	ug/l	2.1	U	1.9	U	2.1	U
Acenaphthylene	ug/l	3.9	U	3.5	U	3.9	U
Acetophenone	ug/l	11	U	10	U	11	U
Aniline	ug/l	11	U	10	U	11	U
Anthracene	ug/l	2.1	U	1.9	U	2.1	U
Aramite	ug/l	--	IND	--	IND	--	IND
Benzo(a)anthracene	ug/l	8.7	U	7.9	U	8.7	U
Benzo(a)pyrene	ug/l	2.8	U	2.5	U	2.8	U
Benzo(b)fluoranthene	ug/l	5.3	U	4.8	U	5.3	U
Benzo(ghi)perylene	ug/l	4.6	U	4.1	U	4.6	U
Benzo(k)fluoranthene	ug/l	2.8	U	2.5	U	2.8	U
Benzyl alcohol	ug/l	11	U	10	U	11	U
Butyl benzyl phthalate	ug/l	11	U	10	U	11	U
Chrysene	ug/l	2.8	U	2.5	U	2.8	U
Di-n-butyl phthalate	ug/l	11	U	10	U	11	U
Di-n-octyl phthalate	ug/l	11	U	10	U	11	U
Diallate	ug/l	11	U	10	U	11	U
Dibenzo(a,h)anthracene	ug/l	2.8	U	2.5	U	2.8	U
Dibenzofuran	ug/l	11	U	10	U	11	U
Diethyl phthalate	ug/l	11	U	10	U	11	U
Dimethyl phthalate	ug/l	11	U	10	U	11	U
Diphenylamine	ug/l	11	U	10	U	11	U
Ethyl methanesulfonate	ug/l	11	U	10	U	11	U
Fluoranthene	ug/l	2.4	U	2.2	U	2.4	U
Fluorene	ug/l	2.1	U	1.9	U	2.1	U
Hexachlorobenzene	ug/l	2.1	U	1.9	U	2.1	U
Hexachlorobutadiene	ug/l	1	U	0.91	U	1	U
Hexachlorocyclopentadiene	ug/l	11	U	10	U	11	U
Hexachloroethane	ug/l	1.8	U	1.6	U	1.8	U
Hexachlorophene	ug/l	11	U	10	U	11	U
Hexachloropropene	ug/l	11	U	10	U	11	U
Indeno(1,2,3-c,d)pyrene	ug/l	4.1	U	3.7	U	4.1	U
Isodrin	ug/l	6.6	U	6	U	6.6	U
Isophorone	ug/l	2.4	U	2.2	U	2.4	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2588		HA2582		HA2573	
SAMPLE POINT		GWNL-5SFR		GWMW-17		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Isosafrole	ug/l	11	U	10	U	11	U
Methapyrilene	ug/l	--	IND	--	IND	--	IND
Methyl methanesulfonate	ug/l	11	U	10	U	11	U
N-Nitrosodi-n-butylamine	ug/l	11	U	10	U	11	U
N-Nitrosodi-n-propylamine	ug/l	11	U	10	U	11	U
N-Nitrosodiethylamine	ug/l	11	U	10	U	11	U
N-Nitrosodimethylamine	ug/l	11	U	10	U	11	U
N-Nitrosodiphenylamine	ug/l	2.1	U	1.9	U	2.1	U
N-Nitrosomethylethylamine	ug/l	11	U	10	U	11	U
N-Nitrosomorpholine	ug/l	11	U	10	U	11	U
N-Nitrosopiperidine	ug/l	11	U	10	U	11	U
N-Nitrosopyrrolidine	ug/l	--	IND	--	IND	--	IND
Naphthalene	ug/l	1.8	U	1.6	U	1.8	U
Nitrobenzene	ug/l	2.1	U	1.9	U	2.1	U
O,O,O-Triethyl phosphorothioat	ug/l	--	IND	--	IND	--	IND
Pentachlorobenzene	ug/l	11	U	10	U	11	U
Pentachloronitrobenzene	ug/l	--	IND	--	IND	--	IND
Pentachlorophenol	ug/l	4	U	3.6	U	4	U
Phenacetin	ug/l	11	U	10	U	11	U
Phenanthrene	ug/l	6	U	5.5	U	6	U
Phenol	ug/l	1.7	U	1.5	U	1.7	U
Pronamide	ug/l	11	U	10	U	11	U
Pyrene	ug/l	2.1	U	1.9	U	2.1	U
Pyridine	ug/l	11	U	10	U	11	U
Safrole	ug/l	11	U	10	U	11	U
Tetraethyldithiopyrophosphate	ug/l	--	U	--	U	--	U
a-a-Dimethylphenethylamine	ug/l	--	U	--	U	--	U
bis(2-Chloroethoxy)methane	ug/l	5.9	U	5.4	U	5.9	U
bis(2-Chloroethyl) ether	ug/l	6.3	U	5.8	U	6.3	U
bis(2-Chloroisopropyl)ether	ug/l	6.3	U	5.8	U	6.3	U
bis(2-Ethylhexyl)phthalate	ug/l	11	U	10	U	11	U
m+p-Cresols	ug/l	11	U	10	U	11	U
m-Dinitrobenzene	ug/l	11	U	10	U	11	U
m-Nitroaniline	ug/l	11	U	10	U	11	U
o-Cresol	ug/l	11	U	10	U	11	U
o-Nitroaniline	ug/l	11	U	10	U	11	U
o-Toluidine	ug/l	11	U	10	U	11	U
p-Chloro-m-cresol	ug/l	3.3	U	3	U	3.3	U
p-Chloroaniline	ug/l	11	U	10	U	11	U
p-Dimethylaminoazobenzene	ug/l	11	U	10	U	11	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2588		HA2582		HA2573	
SAMPLE POINT		GWNL-5SFR		GWMW-17		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
p-Nitroaniline	ug/l	11	U	10	U	11	U
p-phenylenediamine	ug/l	--	IND	--	IND	--	IND
sym-Trinitrobenzene	ug/l	--	IND	--	IND	--	IND
Antimony	ug/l	60	U	60	U	60	U
Arsenic	ug/l	10	U	10	U	10	U
Barium	ug/l	20	U	20	U	20	U
Beryllium	ug/l	1	U	1	U	1	U
Cadmium	ug/l	2	U	2	U	2	U
Chromium	ug/l	10	U	10	U	10	U
Cobalt	ug/l	20	U	20	U	20	U
Copper	ug/l	10	U	10	U	10	U
Lead	ug/l	1.5	JX	3	JX	5	U
Mercury	ug/l	0.2	U	0.2	U	0.2	U
Nickel	ug/l	20	U	20	U	20	U
Selenium	ug/l	5	U	5	U	5	U
Silver	ug/l	10	U	2.2	JX	10	U
Thallium	ug/l	10	U	10	U	10	U
Tin	ug/l	50	U	50	U	50	U
Vanadium	ug/l	20	U	20	U	20	U
Zinc	ug/l	79	B	640		20	
Sulfide as S	mg/l	0.87		0.05	U	0.05	U
Cyanide, Total	mg/l	10	U	10	U	10	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2633		HA2613		HA2611	
SAMPLE POINT		GWNL1-TB		GWNL-1		GWNL-4	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
1,1,1,2-Tetrachloroethane	ug/l	10	U	NA		NA	
1,1,1-Trichloroethane	ug/l	3.8	U	0.76	U	0.76	U
1,1,2,2-Tetrachloroethane	ug/l	6.9	U	1.4	U	1.4	U
1,1,2-Trichloroethane	ug/l	5	U	1	U	1	U
1,1-Dichloroethane	ug/l	4.7	U	0.94	U	0.94	U
1,1-Dichloroethylene	ug/l	2.8	U	0.56	U	0.56	U
1,2,3-Trichloropropane	ug/l	10	U	NA		NA	
1,2-Dibromo-3-chloropropane	ug/l	10	U	NA		NA	
1,2-Dibromoethane	ug/l	10	U	NA		NA	
1,2-Dichloroethane	ug/l	2.8	U	0.56	U	0.56	U
1,2-Dichloropropane	ug/l	6	U	1.2	U	1.2	U
1,2-Trans-dichloroethylene	ug/l	1.6	U	0.32	U	0.32	U
1,4-Dichloro-2-butene	ug/l	10	U	NA		NA	
2-Chloro-1,3-butadiene	ug/l	--	U	NA		NA	
2-Hexanone	ug/l	10	U	NA		NA	
3-chloropropene	ug/l	10	U	NA		NA	
Acetone	ug/l	2.53	JX, B	NA		NA	
Benzene	ug/l	4.4	U	NA		NA	
Bromoform	ug/l	4.7	U	0.94	U	0.94	U
Carbon disulfide	ug/l	10	U	NA		NA	
Carbon tetrachloride	ug/l	2.8	U	0.56	U	0.56	U
Chlorobenzene	ug/l	6	U	1.2	U	1.2	U
Chlorodibromomethane	ug/l	3.1	U	0.62	U	0.62	U
Chloroethane	ug/l	10	U	2	U	2	U
Chloroform	ug/l	1.6	U	0.32	U	0.32	U
Dibromomethane	ug/l	10	U	NA		NA	
Dichlorobromomethane	ug/l	2.2	U	0.44	U	0.44	U
Dichlorodifluoromethane	ug/l	10	U	2	U	2	U
Ethyl methacrylate	ug/l	10	U	NA		NA	
Ethylbenzene	ug/l	7.2	U	NA		NA	
Iodomethane	ug/l	--	IND	NA		NA	
Methyl bromide	ug/l	10	U	2	U	2	U
Methyl chloride	ug/l	10	U	2	U	2	U
Methyl ethyl ketone	ug/l	10	U	NA		NA	
Methyl methacrylate	ug/l	10	U	NA		NA	
Methyl-iso-butyl ketone	ug/l	10	U	NA		NA	
Methylene chloride	ug/l	1.15	JX, B	0.56	U	0.56	U
Pentachloroethane	ug/l	--	IND	NA		NA	
Styrene	ug/l	10	U	NA		NA	
Tetrachloroethylene	ug/l	4.1	U	0.82	U	0.82	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2633		HA2613		HA2611	
SAMPLE POINT		GWNL1-TB		GWNL-1		GWNL-4	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Toluene	ug/l	6	U	NA		NA	
Trichloroethylene	ug/l	1.9	U	0.874		1.9	U
Trichlorofluoromethane	ug/l	10	U	2	U	2	U
Vinyl acetate	ug/l	10	U	1	U	1	U
Vinyl chloride	ug/l	10	U	NA		NA	
cis-1,3-Dichloropropylene	ug/l	5	U	1	U	1	U
m-Xylene	ug/l	10	U	NA		NA	
o+p-Xylenes	ug/l	10	U	NA		NA	
trans-1,3-Dichloropropylene	ug/l	10	U	2	U	2	U
Acrolein	ug/l	100	U	NA		NA	
Acrylonitrile	ug/l	100	U	NA		NA	
1,2,4,5-Tetrachlorobenzene	ug/l	NA		NA		NA	
1,2,4-Trichlorobenzene	ug/l	NA		NA		NA	
1,2-Dichlorobenzene	ug/l	NA		NA		NA	
1,3-Dichlorobenzene	ug/l	NA		NA		NA	
1,4-Dichlorobenzene	ug/l	NA		NA		NA	
1,4-Naphthoquinone	ug/l	NA		NA		NA	
1-Naphthylamine	ug/l	NA		NA		NA	
2,3,4,6-Tetrachlorophenol	ug/l	NA		NA		NA	
2,4,5-Trichlorophenol	ug/l	NA		NA		NA	
2,4,6-Trichlorophenol	ug/l	NA		NA		NA	
2,4-Dichlorophenol	ug/l	NA		NA		NA	
2,4-Dimethylphenol	ug/l	NA		NA		NA	
2,4-Dinitrophenol	ug/l	NA		NA		NA	
2,4-Dinitrotoluene	ug/l	NA		NA		NA	
2,6-Dichlorophenol	ug/l	NA		NA		NA	
2,6-Dinitrotoluene	ug/l	NA		NA		NA	
2-Acetylaminofluorene	ug/l	NA		NA		NA	
2-Chloronaphthalene	ug/l	NA		NA		NA	
2-Chlorophenol	ug/l	NA		NA		NA	
2-Methylnaphthalene	ug/l	NA		NA		NA	
2-Naphthylamine	ug/l	NA		NA		NA	
2-Nitrophenol	ug/l	NA		NA		NA	
2-Picoline	ug/l	NA		NA		NA	
2-sec-Butyl-4,6-dinitrophenol	ug/l	NA		NA		NA	
3,3'-Dichlorobenzidine	ug/l	NA		NA		NA	
3,3'-Dimethylbenzidine	ug/l	NA		NA		NA	
3-Methylcholanthrene	ug/l	NA		NA		NA	
4,6-Dinitro-o-cresol	ug/l	NA		NA		NA	
4-Aminobiphenyl	ug/l	NA		NA		NA	

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2633		HA2613		HA2611	
SAMPLE POINT		GWNL1-TB		GWNL-1		GWNL-4	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
4-Bromophenyl phenyl ether	ug/l	NA		NA		NA	
4-Chlorophenyl phenyl ether	ug/l	NA		NA		NA	
4-Nitrophenol	ug/l	NA		NA		NA	
4-Nitroquinoline-N-oxide	ug/l	NA		NA		NA	
5-Nitro-o-toluidine	ug/l	NA		NA		NA	
7,12-Dimethylbenzo(a)anthracen	ug/l	NA		NA		NA	
Acenaphthene	ug/l	NA		NA		NA	
Acenaphthylene	ug/l	NA		NA		NA	
Acetophenone	ug/l	NA		NA		NA	
Aniline	ug/l	NA		NA		NA	
Anthracene	ug/l	NA		NA		NA	
Aramite	ug/l	NA		NA		NA	
Benzo(a)anthracene	ug/l	NA		NA		NA	
Benzo(a)pyrene	ug/l	NA		NA		NA	
Benzo(b)fluoranthene	ug/l	NA		NA		NA	
Benzo(ghi)perylene	ug/l	NA		NA		NA	
Benzo(k)fluoranthene	ug/l	NA		NA		NA	
Benzyl alcohol	ug/l	NA		NA		NA	
Butyl benzyl phthalate	ug/l	NA		NA		NA	
Chrysene	ug/l	NA		NA		NA	
Di-n-butyl phthalate	ug/l	NA		NA		NA	
Di-n-octyl phthalate	ug/l	NA		NA		NA	
Diallate	ug/l	NA		NA		NA	
Dibenzo(a,h)anthracene	ug/l	NA		NA		NA	
Dibenzofuran	ug/l	NA		NA		NA	
Diethyl phthalate	ug/l	NA		NA		NA	
Dimethyl phthalate	ug/l	NA		NA		NA	
Diphenylamine	ug/l	NA		NA		NA	
Ethyl methanesulfonate	ug/l	NA		NA		NA	
Fluoranthene	ug/l	NA		NA		NA	
Fluorene	ug/l	NA		NA		NA	
Hexachlorobenzene	ug/l	NA		NA		NA	
Hexachlorobutadiene	ug/l	NA		NA		NA	
Hexachlorocyclopentadiene	ug/l	NA		NA		NA	
Hexachloroethane	ug/l	NA		NA		NA	
Hexachlorophene	ug/l	NA		NA		NA	
Hexachloropropene	ug/l	NA		NA		NA	
Indeno(1,2,3-c,d)pyrene	ug/l	NA		NA		NA	
Isodrin	ug/l	NA		NA		NA	
Isophorone	ug/l	NA		NA		NA	

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2633		HA2613		HA2611	
SAMPLE POINT		GWNL1-TB		GWNL-1		GWNL-4	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Isosafrole	ug/l	NA		NA		NA	
Methapyrilene	ug/l	NA		NA		NA	
Methyl methanesulfonate	ug/l	NA		NA		NA	
N-Nitrosodi-n-butylamine	ug/l	NA		NA		NA	
N-Nitrosodi-n-propylamine	ug/l	NA		NA		NA	
N-Nitrosodiethylamine	ug/l	NA		NA		NA	
N-Nitrosodimethylamine	ug/l	NA		NA		NA	
N-Nitrosodiphenylamine	ug/l	NA		NA		NA	
N-Nitrosomethylethylamine	ug/l	NA		NA		NA	
N-Nitrosomorpholine	ug/l	NA		NA		NA	
N-Nitrosopiperidine	ug/l	NA		NA		NA	
N-Nitrosopyrrolidine	ug/l	NA		NA		NA	
Naphthalene	ug/l	NA		NA		NA	
Nitrobenzene	ug/l	NA		NA		NA	
O,O,O-Triethyl phosphorothioat	ug/l	NA		NA		NA	
Pentachlorobenzene	ug/l	NA		NA		NA	
Pentachloronitrobenzene	ug/l	NA		NA		NA	
Pentachlorophenol	ug/l	NA		NA		NA	
Phenacetin	ug/l	NA		NA		NA	
Phenanthrene	ug/l	NA		NA		NA	
Phenol	ug/l	NA		NA		NA	
Pronamide	ug/l	NA		NA		NA	
Pyrene	ug/l	NA		NA		NA	
Pyridine	ug/l	NA		NA		NA	
Safrole	ug/l	NA		NA		NA	
Tetraethyldithiopyrophosphate	ug/l	NA		NA		NA	
a-a-Dimethylphenethylamine	ug/l	NA		NA		NA	
bis(2-Chloroethoxy)methane	ug/l	NA		NA		NA	
bis(2-Chloroethyl) ether	ug/l	NA		NA		NA	
bis(2-Chloroisopropyl)ether	ug/l	NA		NA		NA	
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		NA	
m+p-Cresols	ug/l	NA		NA		NA	
m-Dinitrobenzene	ug/l	NA		NA		NA	
m-Nitroaniline	ug/l	NA		NA		NA	
o-Cresol	ug/l	NA		NA		NA	
o-Nitroaniline	ug/l	NA		NA		NA	
o-Toluidine	ug/l	NA		NA		NA	
p-Chloro-m-cresol	ug/l	NA		NA		NA	
p-Chloroaniline	ug/l	NA		NA		NA	
p-Dimethylaminoazobenzene	ug/l	NA		NA		NA	

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2633		HA2613		HA2611	
SAMPLE POINT		GWNL1-TB		GWNL-1		GWNL-4	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
p-Nitroaniline	ug/l	NA		NA		NA	
p-phenylenediamine	ug/l	NA		NA		NA	
sym-Trinitrobenzene	ug/l	NA		NA		NA	
Antimony	ug/l	NA		NA		NA	
Arsenic	ug/l	NA		NA		NA	
Barium	ug/l	NA		NA		NA	
Beryllium	ug/l	NA		NA		NA	
Cadmium	ug/l	NA		NA		NA	
Chromium	ug/l	NA		NA		NA	
Cobalt	ug/l	NA		NA		NA	
Copper	ug/l	NA		NA		NA	
Lead	ug/l	NA		NA		NA	
Mercury	ug/l	NA		NA		NA	
Nickel	ug/l	NA		NA		NA	
Selenium	ug/l	NA		NA		NA	
Silver	ug/l	NA		NA		NA	
Thallium	ug/l	NA		NA		NA	
Tin	ug/l	NA		NA		NA	
Vanadium	ug/l	NA		NA		NA	
Zinc	ug/l	NA		NA		NA	
Sulfide as S	mg/l	NA		NA		NA	
Cyanide, Total	mg/l	NA		NA		NA	

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2618		HA2616		HA2627	
SAMPLE POINT		GWNL-5S		GWNL-5SFR		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
1,1,1,2-Tetrachloroethane	ug/l	NA		NA		NA	
1,1,1-Trichloroethane	ug/l	0.76	U	0.76	U	0.76	U
1,1,2,2-Tetrachloroethane	ug/l	1.4	U	1.4	U	1.4	U
1,1,2-Trichloroethane	ug/l	1	U	1	U	1	U
1,1-Dichloroethane	ug/l	0.94	U	0.94	U	0.94	U
1,1-Dichloroethylene	ug/l	0.56	U	0.56	U	0.56	U
1,2,3-Trichloropropane	ug/l	NA		NA		NA	
1,2-Dibromo-3-chloropropane	ug/l	NA		NA		NA	
1,2-Dibromoethane	ug/l	NA		NA		NA	
1,2-Dichloroethane	ug/l	0.56	U	0.56	U	0.56	U
1,2-Dichloropropane	ug/l	1.2	U	1.2	U	1.2	U
1,2-Trans-dichloroethylene	ug/l	0.32	U	0.32	U	0.32	U
1,4-Dichloro-2-butene	ug/l	NA		NA		NA	
2-Chloro-1,3-butadiene	ug/l	NA		NA		NA	
2-Hexanone	ug/l	NA		NA		NA	
3-chloropropene	ug/l	NA		NA		NA	
Acetone	ug/l	NA		NA		NA	
Benzene	ug/l	NA		NA		NA	
Bromoform	ug/l	0.94	U	0.94	U	0.94	U
Carbon disulfide	ug/l	NA		NA		NA	
Carbon tetrachloride	ug/l	0.56	U	0.56	U	0.56	U
Chlorobenzene	ug/l	1.2	U	1.2	U	1.2	U
Chlorodibromomethane	ug/l	0.62	U	0.62	U	0.62	U
Chloroethane	ug/l	2	U	2	U	2	U
Chloroform	ug/l	0.32	U	0.32	U	0.32	U
Dibromomethane	ug/l	NA		NA		NA	
Dichlorobromomethane	ug/l	0.44	U	0.44	U	0.44	U
Dichlorodifluoromethane	ug/l	2	U	2	U	2	U
Ethyl methacrylate	ug/l	NA		NA		NA	
Ethylbenzene	ug/l	NA		NA		NA	
Iodomethane	ug/l	NA		NA		NA	
Methyl bromide	ug/l	2	U	2	U	2	U
Methyl chloride	ug/l	2	U	2	U	2	U
Methyl ethyl ketone	ug/l	NA		NA		NA	
Methyl methacrylate	ug/l	NA		NA		NA	
Methyl-iso-butyl ketone	ug/l	NA		NA		NA	
Methylene chloride	ug/l	0.56	U	0.56	U	4.81	B
Pentachloroethane	ug/l	NA		NA		NA	
Styrene	ug/l	NA		NA		NA	
Tetrachloroethylene	ug/l	0.82	U	0.82	U	0.82	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2618		HA2616		HA2627	
SAMPLE POINT		GWNL-5S		GWNL-5SFR		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Toluene	ug/l	NA		NA		NA	
Trichloroethylene	ug/l	0.38	U	0.38	U	0.38	U
Trichlorofluoromethane	ug/l	3.52	B	6.65	B	1.72	JX, B
Vinyl acetate	ug/l	1	U	1	U	1	U
Vinyl chloride	ug/l	NA		NA		NA	
cis-1,3-Dichloropropylene	ug/l	1	U	1	U	1	U
m-Xylene	ug/l	NA		NA		NA	
o+p-Xylenes	ug/l	NA		NA		NA	
trans-1,3-Dichloropropylene	ug/l	2	U	2	U	2	U
Acrolein	ug/l	NA		NA		NA	
Acrylonitrile	ug/l	NA		NA		NA	
1,2,4,5-Tetrachlorobenzene	ug/l	NA		NA		NA	
1,2,4-Trichlorobenzene	ug/l	NA		NA		NA	
1,2-Dichlorobenzene	ug/l	NA		NA		NA	
1,3-Dichlorobenzene	ug/l	NA		NA		NA	
1,4-Dichlorobenzene	ug/l	NA		NA		NA	
1,4-Naphthoquinone	ug/l	NA		NA		NA	
1-Naphthylamine	ug/l	NA		NA		NA	
2,3,4,6-Tetrachlorophenol	ug/l	NA		NA		NA	
2,4,5-Trichlorophenol	ug/l	NA		NA		NA	
2,4,6-Trichlorophenol	ug/l	NA		NA		NA	
2,4-Dichlorophenol	ug/l	NA		NA		NA	
2,4-Dimethylphenol	ug/l	NA		NA		NA	
2,4-Dinitrophenol	ug/l	NA		NA		NA	
2,4-Dinitrotoluene	ug/l	NA		NA		NA	
2,6-Dichlorophenol	ug/l	NA		NA		NA	
2,6-Dinitrotoluene	ug/l	NA		NA		NA	
2-Acetylaminofluorene	ug/l	NA		NA		NA	
2-Chloronaphthalene	ug/l	NA		NA		NA	
2-Chlorophenol	ug/l	NA		NA		NA	
2-Methylnaphthalene	ug/l	NA		NA		NA	
2-Naphthylamine	ug/l	NA		NA		NA	
2-Nitrophenol	ug/l	NA		NA		NA	
2-Picoline	ug/l	NA		NA		NA	
2-sec-Butyl-4,6-dinitrophenol	ug/l	NA		NA		NA	
3,3'-Dichlorobenzidine	ug/l	NA		NA		NA	
3,3'-Dimethylbenzidine	ug/l	NA		NA		NA	
3-Methylcholanthrene	ug/l	NA		NA		NA	
4,6-Dinitro-o-cresol	ug/l	NA		NA		NA	
4-Aminobiphenyl	ug/l	NA		NA		NA	

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2618		HA2616		HA2627	
SAMPLE POINT		GWNL-5S		GWNL-5SFR		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
4-Bromophenyl phenyl ether	ug/l	NA		NA		NA	
4-Chlorophenyl phenyl ether	ug/l	NA		NA		NA	
4-Nitrophenol	ug/l	NA		NA		NA	
4-Nitroquinoline-N-oxide	ug/l	NA		NA		NA	
5-Nitro-o-toluidine	ug/l	NA		NA		NA	
7,12-Dimethylbenzo(a)anthracen	ug/l	NA		NA		NA	
Acenaphthene	ug/l	NA		NA		NA	
Acenaphthylene	ug/l	NA		NA		NA	
Acetophenone	ug/l	NA		NA		NA	
Aniline	ug/l	NA		NA		NA	
Anthracene	ug/l	NA		NA		NA	
Aramite	ug/l	NA		NA		NA	
Benzo(a)anthracene	ug/l	NA		NA		NA	
Benzo(a)pyrene	ug/l	NA		NA		NA	
Benzo(b)fluoranthene	ug/l	NA		NA		NA	
Benzo(ghi)perylene	ug/l	NA		NA		NA	
Benzo(k)fluoranthene	ug/l	NA		NA		NA	
Benzyl alcohol	ug/l	NA		NA		NA	
Butyl benzyl phthalate	ug/l	NA		NA		NA	
Chrysene	ug/l	NA		NA		NA	
Di-n-butyl phthalate	ug/l	NA		NA		NA	
Di-n-octyl phthalate	ug/l	NA		NA		NA	
Diallate	ug/l	NA		NA		NA	
Dibenzo(a,h)anthracene	ug/l	NA		NA		NA	
Dibenzofuran	ug/l	NA		NA		NA	
Diethyl phthalate	ug/l	NA		NA		NA	
Dimethyl phthalate	ug/l	NA		NA		NA	
Diphenylamine	ug/l	NA		NA		NA	
Ethyl methanesulfonate	ug/l	NA		NA		NA	
Fluoranthene	ug/l	NA		NA		NA	
Fluorene	ug/l	NA		NA		NA	
Hexachlorobenzene	ug/l	NA		NA		NA	
Hexachlorobutadiene	ug/l	NA		NA		NA	
Hexachlorocyclopentadiene	ug/l	NA		NA		NA	
Hexachloroethane	ug/l	NA		NA		NA	
Hexachlorophene	ug/l	NA		NA		NA	
Hexachloropropene	ug/l	NA		NA		NA	
Indeno(1,2,3-c,d)pyrene	ug/l	NA		NA		NA	
Isodrin	ug/l	NA		NA		NA	
Isophorone	ug/l	NA		NA		NA	

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2618		HA2616		HA2627	
SAMPLE POINT		GWNL-5S		GWNL-5SFR		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
Isosafrole	ug/l	NA		NA		NA	
Methapyrilene	ug/l	NA		NA		NA	
Methyl methanesulfonate	ug/l	NA		NA		NA	
N-Nitrosodi-n-butylamine	ug/l	NA		NA		NA	
N-Nitrosodi-n-propylamine	ug/l	NA		NA		NA	
N-Nitrosodiethylamine	ug/l	NA		NA		NA	
N-Nitrosodimethylamine	ug/l	NA		NA		NA	
N-Nitrosodiphenylamine	ug/l	NA		NA		NA	
N-Nitrosomethylethylamine	ug/l	NA		NA		NA	
N-Nitrosomorpholine	ug/l	NA		NA		NA	
N-Nitrosopiperidine	ug/l	NA		NA		NA	
N-Nitrosopyrrolidine	ug/l	NA		NA		NA	
Naphthalene	ug/l	NA		NA		NA	
Nitrobenzene	ug/l	NA		NA		NA	
O,O,O-Triethyl phosphorothioat	ug/l	NA		NA		NA	
Pentachlorobenzene	ug/l	NA		NA		NA	
Pentachloronitrobenzene	ug/l	NA		NA		NA	
Pentachlorophenol	ug/l	NA		NA		NA	
Phenacetin	ug/l	NA		NA		NA	
Phenanthrene	ug/l	NA		NA		NA	
Phenol	ug/l	NA		NA		NA	
Pronamide	ug/l	NA		NA		NA	
Pyrene	ug/l	NA		NA		NA	
Pyridine	ug/l	NA		NA		NA	
Safrole	ug/l	NA		NA		NA	
Tetraethyldithiopyrophosphate	ug/l	NA		NA		NA	
a-a-Dimethylphenethylamine	ug/l	NA		NA		NA	
bis(2-Chloroethoxy)methane	ug/l	NA		NA		NA	
bis(2-Chloroethyl) ether	ug/l	NA		NA		NA	
bis(2-Chloroisopropyl)ether	ug/l	NA		NA		NA	
bis(2-Ethylhexyl)phthalate	ug/l	NA		NA		NA	
m+p-Cresols	ug/l	NA		NA		NA	
m-Dinitrobenzene	ug/l	NA		NA		NA	
m-Nitroaniline	ug/l	NA		NA		NA	
o-Cresol	ug/l	NA		NA		NA	
o-Nitroaniline	ug/l	NA		NA		NA	
o-Toluidine	ug/l	NA		NA		NA	
p-Chloro-m-cresol	ug/l	NA		NA		NA	
p-Chloroaniline	ug/l	NA		NA		NA	
p-Dimethylaminoazobenzene	ug/l	NA		NA		NA	

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2618		HA2616		HA2627	
SAMPLE POINT		GWNL-5S		GWNL-5SFR		GWFB02	
SAMPLE DATE		900613		900613		900613	
PARAMETER	UNITS	VALUE	FLAG	VALUE	FLAG	VALUE	FLAG
p-Nitroaniline	ug/l	NA		NA		NA	
p-phenylenediamine	ug/l	NA		NA		NA	
sym-Trinitrobenzene	ug/l	NA		NA		NA	
Antimony	ug/l	NA		NA		NA	
Arsenic	ug/l	NA		NA		NA	
Barium	ug/l	NA		NA		NA	
Beryllium	ug/l	NA		NA		NA	
Cadmium	ug/l	NA		NA		NA	
Chromium	ug/l	NA		NA		NA	
Cobalt	ug/l	NA		NA		NA	
Copper	ug/l	NA		NA		NA	
Lead	ug/l	NA		NA		NA	
Mercury	ug/l	NA		NA		NA	
Nickel	ug/l	NA		NA		NA	
Selenium	ug/l	NA		NA		NA	
Silver	ug/l	NA		NA		NA	
Thallium	ug/l	NA		NA		NA	
Tin	ug/l	NA		NA		NA	
Vanadium	ug/l	NA		NA		NA	
Zinc	ug/l	NA		NA		NA	
Sulfide as S	mg/l	NA		NA		NA	
Cyanide, Total	mg/l	NA		NA		NA	

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2662	
SAMPLE POINT		GWNL1-TB	
SAMPLE DATE		900613	
PARAMETER	UNITS	VALUE	FLAG
1,1,1,2-Tetrachloroethane	ug/l	NA	
1,1,1-Trichloroethane	ug/l	0.76	U
1,1,2,2-Tetrachloroethane	ug/l	1.4	U
1,1,2-Trichloroethane	ug/l	1	U
1,1-Dichloroethane	ug/l	0.94	U
1,1-Dichloroethylene	ug/l	0.56	U
1,2,3-Trichloropropane	ug/l	NA	
1,2-Dibromo-3-chloropropane	ug/l	NA	
1,2-Dibromoethane	ug/l	NA	
1,2-Dichloroethane	ug/l	0.56	U
1,2-Dichloropropane	ug/l	1.2	U
1,2-Trans-dichloroethylene	ug/l	0.32	U
1,4-Dichloro-2-butene	ug/l	NA	
2-Chloro-1,3-butadiene	ug/l	NA	
2-Hexanone	ug/l	NA	
3-chloropropene	ug/l	NA	
Acetone	ug/l	NA	
Benzene	ug/l	NA	
Bromoform	ug/l	0.94	U
Carbon disulfide	ug/l	NA	
Carbon tetrachloride	ug/l	0.56	U
Chlorobenzene	ug/l	1.2	U
Chlorodibromomethane	ug/l	0.62	U
Chloroethane	ug/l	2	U
Chloroform	ug/l	0.32	U
Dibromomethane	ug/l	NA	
Dichlorobromomethane	ug/l	0.44	U
Dichlorodifluoromethane	ug/l	2	U
Ethyl methacrylate	ug/l	NA	
Ethylbenzene	ug/l	NA	
Iodomethane	ug/l	NA	
Methyl bromide	ug/l	2	U
Methyl chloride	ug/l	2	U
Methyl ethyl ketone	ug/l	NA	
Methyl methacrylate	ug/l	NA	
Methyl-iso-butyl ketone	ug/l	NA	
Methylene chloride	ug/l	1.63	B
Pentachloroethane	ug/l	NA	
Styrene	ug/l	NA	
Tetrachloroethylene	ug/l	0.82	U

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2662
SAMPLE POINT		GWNL1-TB
SAMPLE DATE		900613

PARAMETER	UNITS	VALUE	FLAG
Toluene	ug/l	NA	
Trichloroethylene	ug/l	0.38	U
Trichlorofluoromethane	ug/l	1.5	JX, B
Vinyl acetate	ug/l	1	U
Vinyl chloride	ug/l	NA	
cis-1,3-Dichloropropylene	ug/l	1	U
m-Xylene	ug/l	NA	
o+p-Xylenes	ug/l	NA	
trans-1,3-Dichloropropylene	ug/l	2	U
Acrolein	ug/l	NA	
Acrylonitrile	ug/l	NA	
1,2,4,5-Tetrachlorobenzene	ug/l	NA	
1,2,4-Trichlorobenzene	ug/l	NA	
1,2-Dichlorobenzene	ug/l	NA	
1,3-Dichlorobenzene	ug/l	NA	
1,4-Dichlorobenzene	ug/l	NA	
1,4-Naphthoquinone	ug/l	NA	
1-Naphthylamine	ug/l	NA	
2,3,4,6-Tetrachlorophenol	ug/l	NA	
2,4,5-Trichlorophenol	ug/l	NA	
2,4,6-Trichlorophenol	ug/l	NA	
2,4-Dichlorophenol	ug/l	NA	
2,4-Dimethylphenol	ug/l	NA	
2,4-Dinitrophenol	ug/l	NA	
2,4-Dinitrotoluene	ug/l	NA	
2,6-Dichlorophenol	ug/l	NA	
2,6-Dinitrotoluene	ug/l	NA	
2-Acetylaminofluorene	ug/l	NA	
2-Chloronaphthalene	ug/l	NA	
2-Chlorophenol	ug/l	NA	
2-Methylnaphthalene	ug/l	NA	
2-Naphthylamine	ug/l	NA	
2-Nitrophenol	ug/l	NA	
2-Picoline	ug/l	NA	
2-sec-Butyl-4,6-dinitrophenol	ug/l	NA	
3,3'-Dichlorobenzidine	ug/l	NA	
3,3'-Dimethylbenzidine	ug/l	NA	
3-Methylcholanthrene	ug/l	NA	
4,6-Dinitro-o-cresol	ug/l	NA	
4-Aminobiphenyl	ug/l	NA	

ETC SAMPLE NUMBER	HA2662
SAMPLE POINT	GWNL1-TB
SAMPLE DATE	900613

PARAMETER	UNITS	VALUE	FLAG
4-Bromophenyl phenyl ether	ug/l	NA	
4-Chlorophenyl phenyl ether	ug/l	NA	
4-Nitrophenol	ug/l	NA	
4-Nitroquinoline-N-oxide	ug/l	NA	
5-Nitro-o-toluidine	ug/l	NA	
7,12-Dimethylbenzo(a)anthracen	ug/l	NA	
Acenaphthene	ug/l	NA	
Acenaphthylene	ug/l	NA	
Acetophenone	ug/l	NA	
Aniline	ug/l	NA	
Anthracene	ug/l	NA	
Aramite	ug/l	NA	
Benzo(a)anthracene	ug/l	NA	
Benzo(a)pyrene	ug/l	NA	
Benzo(b)fluoranthene	ug/l	NA	
Benzo(ghi)perylene	ug/l	NA	
Benzo(k)fluoranthene	ug/l	NA	
Benzyl alcohol	ug/l	NA	
Butyl benzyl phthalate	ug/l	NA	
Chrysene	ug/l	NA	
Di-n-butyl phthalate	ug/l	NA	
Di-n-octyl phthalate	ug/l	NA	
Diallate	ug/l	NA	
Dibenzo(a,h)anthracene	ug/l	NA	
Dibenzofuran	ug/l	NA	
Diethyl phthalate	ug/l	NA	
Dimethyl phthalate	ug/l	NA	
Diphenylamine	ug/l	NA	
Ethyl methanesulfonate	ug/l	NA	
Fluoranthene	ug/l	NA	
Fluorene	ug/l	NA	
Hexachlorobenzene	ug/l	NA	
Hexachlorobutadiene	ug/l	NA	
Hexachlorocyclopentadiene	ug/l	NA	
Hexachloroethane	ug/l	NA	
Hexachlorophene	ug/l	NA	
Hexachloropropene	ug/l	NA	
Indeno(1,2,3-c,d)pyrene	ug/l	NA	
Isodrin	ug/l	NA	
Isophorone	ug/l	NA	

NORTH LANDFILL GROUNDWATER

ETC SAMPLE NUMBER		HA2662
SAMPLE POINT		GWNL1-TB
SAMPLE DATE		900613

PARAMETER	UNITS	VALUE	FLAG
Isosafrole	ug/l	NA	
Methapyrilene	ug/l	NA	
Methyl methanesulfonate	ug/l	NA	
N-Nitrosodi-n-butylamine	ug/l	NA	
N-Nitrosodi-n-propylamine	ug/l	NA	
N-Nitrosodiethylamine	ug/l	NA	
N-Nitrosodimethylamine	ug/l	NA	
N-Nitrosodiphenylamine	ug/l	NA	
N-Nitrosomethylethylamine	ug/l	NA	
N-Nitrosomorpholine	ug/l	NA	
N-Nitrosopiperidine	ug/l	NA	
N-Nitrosopyrrolidine	ug/l	NA	
Naphthalene	ug/l	NA	
Nitrobenzene	ug/l	NA	
O,O,O-Triethyl phosphorothioat	ug/l	NA	
Pentachlorobenzene	ug/l	NA	
Pentachloronitrobenzene	ug/l	NA	
Pentachlorophenol	ug/l	NA	
Phenacetin	ug/l	NA	
Phenanthrene	ug/l	NA	
Phenol	ug/l	NA	
Pronamide	ug/l	NA	
Pyrene	ug/l	NA	
Pyridine	ug/l	NA	
Safrole	ug/l	NA	
Tetraethyldithiopyrophosphate	ug/l	NA	
a-a-Dimethylphenethylamine	ug/l	NA	
bis(2-Chloroethoxy)methane	ug/l	NA	
bis(2-Chloroethyl) ether	ug/l	NA	
bis(2-Chloroisopropyl)ether	ug/l	NA	
bis(2-Ethylhexyl)phthalate	ug/l	NA	
m+p-Cresols	ug/l	NA	
m-Dinitrobenzene	ug/l	NA	
m-Nitroaniline	ug/l	NA	
o-Cresol	ug/l	NA	
o-Nitroaniline	ug/l	NA	
o-Toluidine	ug/l	NA	
p-Chloro-m-cresol	ug/l	NA	
p-Chloroaniline	ug/l	NA	
p-Dimethylaminoazobenzene	ug/l	NA	

ETC SAMPLE NUMBER		HA2662
SAMPLE POINT		GWNL1-TB
SAMPLE DATE		900613

PARAMETER	UNITS	VALUE	FLAG
p-Nitroaniline	ug/l	NA	
p-phenylenediamine	ug/l	NA	
sym-Trinitrobenzene	ug/l	NA	
Antimony	ug/l	NA	
Arsenic	ug/l	NA	
Barium	ug/l	NA	
Beryllium	ug/l	NA	
Cadmium	ug/l	NA	
Chromium	ug/l	NA	
Cobalt	ug/l	NA	
Copper	ug/l	NA	
Lead	ug/l	NA	
Mercury	ug/l	NA	
Nickel	ug/l	NA	
Selenium	ug/l	NA	
Silver	ug/l	NA	
Thallium	ug/l	NA	
Tin	ug/l	NA	
Vanadium	ug/l	NA	
Zinc	ug/l	NA	
Sulfide as S	mg/l	NA	
Cyanide, Total	mg/l	NA	

Phase IIA Remedial Investigation of Four Inactive Solid Waste Landfills

at the
Du Pont Montague Facility
Montague, Michigan

Prepared for
E.I. du Pont de Nemours and Co., Inc.

Prepared by

CH2M HILL

Milwaukee, Wisconsin

April 1992

GLT221/059.51-1

Conventional Analyses

Introduction

Conventional analyses are the analytical tests involving colorimetric techniques for sulfide, cyanide, total organic halides, percent ash, Btu content, and percent solids parameters. The analyses were performed in accordance with the *Test Methods for Evaluating Solid Waste* [8] and the QAPP.

The conventional analyses data generated were reviewed and validated using procedures similar to organic and inorganic analyses protocols and criteria defined in the QAPP. The review of the data consisted of checking that the QA/QC measures were performed and acceptable for holding time, calibration, blanks, spikes, duplicates, reporting limits, and overall system performance.

Laboratory Chronicle

The Laboratory Chronicle form is used as a bench log to record preparation and analysis dates, preparation volumes, analyte response, calibrations, blanks, duplicates, and reported values. Review of this information is necessary for verifying QC batch frequency, appropriate preparation procedures, and calculating holding times. Information regarding calibrations, blanks, spikes, and duplicates is contained on this form.

Evaluation

Data that do not meet the criteria are flagged. Flags used in the results summary tables and their meaning are:

U **Undetected.** Analyte was analyzed for but not detected above reported value.

B Analyte was detected in the sample and in the associated method, field, or trip blank. Quantitation of the analyte is biased high by the presence of the contaminant. The presence of the analyte in the sample may or may not be wholly attributed to the contamination.

J **Estimated Concentration Values.** Analyte was present but reported value may not be accurate or precise because QA/QC measures were outside acceptance limits.

BMDL **Estimated Concentration Value.** Analyte concentration is above instrument detection limit but below quantitation limit for the method. The identity of the analyte is not confirmed, but because of the analytical technique used the identity of the analyte is credible.

UJ, L **Undetected.** Analyte was analyzed for but not detected at the reported limit. The reported value may be biased low, and the reported value is expected to be higher.

Specific Discussions for Conventional Analyses

All QA/QC objectives were met, and the data are usable without qualification.

Conclusions

The organic, inorganic, and conventional data were reviewed and validated using procedures analogous to the EPA *Data Validation Functional Guidelines* and performance criteria defined in the QAPP. The data were acceptable and met the data quality objectives.

GLT287/004.51

DU PONT-MONTAGUE FACILITY
NORTH LANDFILL

			Lab ID:	GC5701	GC5727
			Sample ID:	NL-05D	NL-05S
			Collect Date:	08/12/91	08/12/91
Parameter	Units	Test		Value Q	Value Q
1,1,1,2-Tetrachloroethane	ug/l	VOC		10 U	10 U
1,1,1-Trichloroethane	ug/l	VOC		3.8 U	3.8 U
1,1,2,2-Tetrachloroethane	ug/l	VOC		6.9 U	6.9 U
1,1,2-Trichloroethane	ug/l	VOC		5 U	5 U
1,1-Dichloroethane	ug/l	VOC		4.7 U	4.7 U
1,1-Dichloroethylene	ug/l	VOC		2.8 U	2.8 U
1,2,3-Trichloropropane	ug/l	VOC		10 U	10 U
1,2-Dibromo-3-chloropropane	ug/l	VOC		10 U	10 U
1,2-Dibromoethane	ug/l	VOC		10 U	10 U
1,2-Dichloroethane	ug/l	VOC		2.8 U	2.8 U
1,2-Dichloropropane	ug/l	VOC		6 U	6 U
1,2-Trans-dichloroethylene	ug/l	VOC		1.6 U	1.6 U
1,4-Dichloro-2-butene	ug/l	VOC		10 U	10 U
2-Chloro-1,3-butadiene	ug/l	VOC		-- IND	-- IND
2-Hexanone	ug/l	VOC		10 U	10 U
Acetone	ug/l	VOC		8.46 U	6.21 U
Acrolein	ug/l	VOC		100 U	100 U
Acrylonitrile	ug/l	VOC		100 U	100 U
Benzene	ug/l	VOC		4.4 U	4.4 U
Bromoform	ug/l	VOC		4.7 U	4.7 U
Carbon disulfide	ug/l	VOC		10 U	10 U
Carbon tetrachloride	ug/l	VOC		2.8 U	2.8 U
Chlorobenzene	ug/l	VOC		6 U	6 U
Chlorodibromomethane	ug/l	VOC		3.1 U	3.1 U
Chloroethane	ug/l	VOC		10 U	10 U
Chloroform	ug/l	VOC		1.6 U	1.6 U
Dibromomethane	ug/l	VOC		10 U	10 U
Dichlorobromomethane	ug/l	VOC		2.2 U	2.2 U
Dichlorodifluoromethane	ug/l	VOC		10 U	10 U
Ethyl methacrylate	ug/l	VOC		10 U	10 U
Ethylbenzene	ug/l	VOC		7.2 U	7.2 U
Iodomethane	ug/l	VOC		10 U	10 U
Methyl bromide	ug/l	VOC		10 U	10 U
Methyl chloride	ug/l	VOC		10 U	10 U
Methyl ethyl ketone	ug/l	VOC		10 U	10 U
Methyl methacrylate	ug/l	VOC		10 U	10 U
Methyl-iso-butyl ketone	ug/l	VOC		10 U	10 U
Methylene chloride	ug/l	VOC		2.8 U	2.8 U
Pentachloroethane	ug/l	VOC		0 U	0 U
Styrene	ug/l	VOC		10 U	10 U

DU PONT-MONTAGUE FACILITY
NORTH LANDFILL

	Lab ID:	GC5701	GC5727
	Sample ID:	NL-05D	NL-05S
	Collect Date:	08/12/91	08/12/91

Parameter	Units	Test	Value Q	Value Q
Tetrachloroethylene	ug/l	VOC	4.1 U	4.1 U
Toluene	ug/l	VOC	6 U	6 U
Trichloroethylene	ug/l	VOC	1.9 U	1.9 U
Trichlorofluoromethane	ug/l	VOC	10 U	10 U
Vinyl acetate	ug/l	VOC	10 U	10 U
Vinyl chloride	ug/l	VOC	10 U	10 U
cis-1,3-Dichloropropylene	ug/l	VOC	5 U	5 U
m-Xylene	ug/l	VOC	10 U	10 U
o+p-Xylenes	ug/l	VOC	10 U	10 U
trans-1,3-Dichloropropylene	ug/l	VOC	10 U	10 U
1,2,4,5-Tetrachlorobenzene	ug/l	SVOC	10 U	10 U
1,2,4-Trichlorobenzene	ug/l	SVOC	1.9 U	1.9 U
1,2-Dichlorobenzene	ug/l	SVOC	1.9 U	1.9 U
1,3-Dichlorobenzene	ug/l	SVOC	1.9 U	1.9 U
1,4-Dichlorobenzene	ug/l	SVOC	4.4 U	4.4 U
1,4-Naphthoquinone	ug/l	SVOC	10 U	10 U
1-Naphthylamine	ug/l	SVOC	10 U	10 U
2,3,4,6-Tetrachlorophenol	ug/l	SVOC	10 U	10 U
2,4,5-Trichlorophenol	ug/l	SVOC	10 U	10 U
2,4,6-Trichlorophenol	ug/l	SVOC	2.7 U	2.7 U
2,4-Dichlorophenol	ug/l	SVOC	2.7 U	2.7 U
2,4-Dimethylphenol	ug/l	SVOC	2.7 U	2.7 U
2,4-Dinitrophenol	ug/l	SVOC	42 U	42 U
2,4-Dinitrotoluene	ug/l	SVOC	5.8 U	5.8 U
2,6-Dichlorophenol	ug/l	SVOC	10 U	10 U
2,6-Dinitrotoluene	ug/l	SVOC	1.9 U	1.9 U
2-Acetylaminofluorene	ug/l	SVOC	10 U	10 U
2-Chloronaphthalene	ug/l	SVOC	1.9 U	1.9 U
2-Chlorophenol	ug/l	SVOC	3.3 U	3.3 U
2-Methylnaphthalene	ug/l	SVOC	10 U	10 U
2-Naphthylamine	ug/l	SVOC	10 U	10 U
2-Nitrophenol	ug/l	SVOC	3.6 U	3.6 U
2-Picoline	ug/l	SVOC	10 U	10 U
2-sec-Butyl-4,6-dinitrophenol	ug/l	SVOC	10 U	10 U
3,3'-Dichlorobenzidine	ug/l	SVOC	16.7 U	16.7 U
3,3'-Dimethylbenzidine	ug/l	SVOC	10 U	10 U
3-Methylcholanthrene	ug/l	SVOC	5.6 U	5.6 U
4,6-Dinitro-o-cresol	ug/l	SVOC	24 U	24 U
4-Aminobiphenyl	ug/l	SVOC	10 U	10 U
4-Bromophenyl phenyl ether	ug/l	SVOC	1.9 U	1.9 U
4-Chlorophenyl phenyl ether	ug/l	SVOC	4.2 U	4.2 U

DU PONT-MONTAGUE FACILITY
NORTH LANDFILL

Lab ID:	GC5701	GC5727
Sample ID:	NL-05D	NL-05S
Collect Date:	08/12/91	08/12/91

Parameter	Units	Test	Value Q	Value Q
4-Nitrophenol	ug/l	SVOC	2.4 U	2.4 U
4-Nitroquinoline-N-oxide	ug/l	SVOC	-- IND	-- IND
5-Nitro-o-toluidine	ug/l	SVOC	10 U	10 U
7,12-Dimethylbenzo(a)anthracene	ug/l	SVOC	10 U	10 U
Acenaphthene	ug/l	SVOC	1.9 U	1.9 U
Acenaphthylene	ug/l	SVOC	3.5 U	3.5 U
Acetophenone	ug/l	SVOC	10 U	10 U
Aniline	ug/l	SVOC	10 U	10 U
Anthracene	ug/l	SVOC	1.9 U	1.9 U
Aramite	ug/l	SVOC	-- IND	-- IND
Benzo(a)anthracene	ug/l	SVOC	7.9 U	7.9 U
Benzo(a)pyrene	ug/l	SVOC	2.5 U	2.5 U
Benzo(b)fluoranthene	ug/l	SVOC	4.8 U	4.8 U
Benzo(ghi)perylene	ug/l	SVOC	4.1 U	4.1 U
Benzo(k)fluoranthene	ug/l	SVOC	2.5 U	2.5 U
Benzyl alcohol	ug/l	SVOC	10 U	10 U
Butyl benzyl phthalate	ug/l	SVOC	10 U	10 U
Chrysene	ug/l	SVOC	2.5 U	2.5 U
Di-n-butyl phthalate	ug/l	SVOC	10 U	10 U
Di-n-octyl phthalate	ug/l	SVOC	10 U	10 U
Diallate	ug/l	SVOC	10 U	10 U
Dibenzo(a,h)anthracene	ug/l	SVOC	2.5 U	2.5 U
Dibenzofuran	ug/l	SVOC	10 U	10 U
Diethyl phthalate	ug/l	SVOC	10 U	10 U
Dimethyl phthalate	ug/l	SVOC	10 U	10 U
Diphenylamine	ug/l	SVOC	10 U	10 U
Ethyl methanesulfonate	ug/l	SVOC	10 U	10 U
Fluoranthene	ug/l	SVOC	2.2 U	2.2 U
Fluorene	ug/l	SVOC	1.9 U	1.9 U
Hexachlorobenzene	ug/l	SVOC	1.9 U	1.9 U
Hexachlorobutadiene	ug/l	SVOC	0.91 U	0.91 U
Hexachlorocyclopentadiene	ug/l	SVOC	10 U	10 U
Hexachloroethane	ug/l	SVOC	1.6 U	1.6 U
Hexachlorophene	ug/l	SVOC	10 U	10 U
Hexachloropropene	ug/l	SVOC	10 U	10 U
Indeno(1,2,3-c,d)pyrene	ug/l	SVOC	3.7 U	3.7 U
Isodrin	ug/l	SVOC	6 U	6 U
Isophorone	ug/l	SVOC	2.2 U	2.2 U
Isosafrole	ug/l	SVOC	10 U	10 U
Methapyrilene	ug/l	SVOC	-- IND	-- IND
Methyl methanesulfonate	ug/l	SVOC	10 U	10 U

DU PONT-MONTAGUE FACILITY
NORTH LANDFILL

Lab ID:	GC5701	GC5727
Sample ID:	NL-05D	NL-05S
Collect Date:	08/12/91	08/12/91

Parameter	Units	Test	Value Q	Value Q
N-Nitrosodi-n-butylamine	ug/l	SVOC	10 U	10 U
N-Nitrosodi-n-propylamine	ug/l	SVOC	10 U	10 U
N-Nitrosodiethylamine	ug/l	SVOC	10 U	10 U
N-Nitrosodimethylamine	ug/l	SVOC	10 U	10 U
N-Nitrosodiphenylamine	ug/l	SVOC	1.9 U	1.9 U
N-Nitrosomethylethylamine	ug/l	SVOC	10 U	10 U
N-Nitrosomorpholine	ug/l	SVOC	10 U	10 U
N-Nitrosopiperidine	ug/l	SVOC	10 U	10 U
N-Nitrosopyrrolidine	ug/l	SVOC	10 U	10 U
Naphthalene	ug/l	SVOC	1.6 U	1.6 U
Nitrobenzene	ug/l	SVOC	1.9 U	1.9 U
Pentachlorobenzene	ug/l	SVOC	10 U	10 U
Pentachloronitrobenzene	ug/l	SVOC	10 U	10 U
Pentachlorophenol	ug/l	SVOC	3.6 U	3.6 U
Phenacetin	ug/l	SVOC	10 U	10 U
Phenanthrene	ug/l	SVOC	5.5 U	5.5 U
Phenol	ug/l	SVOC	1.5 U	1.5 U
Pronamide	ug/l	SVOC	10 U	10 U
Pyrene	ug/l	SVOC	1.9 U	1.9 U
Pyridine	ug/l	SVOC	10 U	10 U
Safrole	ug/l	SVOC	10 U	10 U
Tetraethyldithiopyrophosphate	ug/l	SVOC	0 U	0 U
bis(2-Chloroethoxy)methane	ug/l	SVOC	5.4 U	5.4 U
bis(2-Chloroethyl) ether	ug/l	SVOC	5.8 U	5.8 U
bis(2-Chloroisopropyl)ether	ug/l	SVOC	5.8 U	5.8 U
bis(2-Ethylhexyl)phthalate	ug/l	SVOC	10 U	10 U
m+p-Cresols	ug/l	SVOC	10 U	10 U
m-Dinitrobenzene	ug/l	SVOC	10 U	10 U
m-Nitroaniline	ug/l	SVOC	10 U	10 U
o-Cresol	ug/l	SVOC	10 U	10 U
o-Nitroaniline	ug/l	SVOC	10 U	10 U
o-Toluidine	ug/l	SVOC	10 U	10 U
p-Chloro-m-cresol	ug/l	SVOC	3 U	3 U
p-Chloroaniline	ug/l	SVOC	10 U	10 U
p-Dimethylaminoazobenzene	ug/l	SVOC	10 U	10 U
p-Nitroaniline	ug/l	SVOC	10 U	10 U
p-phenylenediamine	ug/l	SVOC	-- IND	-- IND
sym-Trinitrobenzene	ug/l	SVOC	-- IND	-- IND
a,a-Dimethylphenethylamine	ug/l	SVOC	-- IND	-- IND
o,o,o-Triethyl Phosphorothioate	ug/l	SVOC	-- IND	-- IND

DU PONT-MONTAGUE FACILITY
NORTH LANDFILL

			Lab ID:	GC5701	GC5727
			Sample ID:	NL-05D	NL-05S
			Collect Date:	08/12/91	08/12/91
Parameter	Units	Test		Value Q	Value Q
Cyanide, Total	mg/l	CONV		0.025 U	0.025 U
Sulfide as S	mg/l	CONV		0.05 U	0.05 U
Antimony	ug/l	METAL		60 U	60 U
Arsenic	ug/l	METAL		10 U	10 U
Barium	ug/l	METAL		20 U	20 U
Beryllium	ug/l	METAL		1 U	1 U
Cadmium	ug/l	METAL		2 U	2 U
Chromium	ug/l	METAL		33	5.4 BMDL
Cobalt	ug/l	METAL		4.4 BMDL	20 U
Copper	ug/l	METAL		7.8 BMDL	12
Lead	ug/l	METAL		5.3 B	4 B
Mercury	ug/l	METAL		0.2 U	0.2 U
Nickel	ug/l	METAL		17 BMDL	14 BMDL
Selenium	ug/l	METAL		5 U	5 U
Silver	ug/l	METAL		10 U	10 U
Thallium	ug/l	METAL		10 U	10 U
Tin	ug/l	METAL		50 U	50 U
Vanadium	ug/l	METAL		20 U	20 U
Zinc	ug/l	METAL		140 B	260 B
1,1,1-Trichloroethane	ug/l	VOCLL		NA	NA
1,1,2,2-Tetrachloroethane	ug/l	VOCLL		NA	NA
1,1,2-Trichloroethane	ug/l	VOCLL		NA	NA
1,1-Dichloroethane	ug/l	VOCLL		NA	NA
1,1-Dichloroethylene	ug/l	VOCLL		NA	NA
1,2-Dichloroethane	ug/l	VOCLL		NA	NA
1,2-Dichloropropane	ug/l	VOCLL		NA	NA
1,2-Trans-dichloroethylene	ug/l	VOCLL		NA	NA
Acrolein	ug/l	VOCLL		NA	NA
Acrylonitrile	ug/l	VOCLL		NA	NA
Benzene	ug/l	VOCLL		NA	NA
Bromoform	ug/l	VOCLL		NA	NA
Carbon tetrachloride	ug/l	VOCLL		NA	NA
Chlorobenzene	ug/l	VOCLL		NA	NA
Chlorodibromomethane	ug/l	VOCLL		NA	NA
Chloroethane	ug/l	VOCLL		NA	NA
Chloroform	ug/l	VOCLL		NA	NA
Dichlorobromomethane	ug/l	VOCLL		NA	NA
Dichlorodifluoromethane	ug/l	VOCLL		NA	NA
Ethylbenzene	ug/l	VOCLL		NA	NA

DU PONT-MONTAGUE FACILITY
NORTH LANDFILL

Lab ID:	GC5701	GC5727
Sample ID:	NL-05D	NL-05S
Collect Date:	08/12/91	08/12/91

Parameter	Units	Test	Value Q	Value Q
Methyl bromide	ug/l	VOCLL	NA	NA
Methyl chloride	ug/l	VOCLL	NA	NA
Methylene chloride	ug/l	VOCLL	NA	NA
Tetrachloroethylene	ug/l	VOCLL	NA	NA
Toluene	ug/l	VOCLL	NA	NA
Trichloroethylene	ug/l	VOCLL	NA	NA
Trichlorofluoromethane	ug/l	VOCLL	NA	NA
Vinyl chloride	ug/l	VOCLL	NA	NA
cis-1,3-Dichloropropylene	ug/l	VOCLL	NA	NA
trans-1,3-Dichloropropylene	ug/l	VOCLL	NA	NA