

Table I-23. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-232	LL3mw-233	LL3mw-234	LL3mw-235	LL3mw-236
Sample ID	LL31101	LL31102	LL31103	LL31104	LL31105
Customer ID	LL3mw-232-1101-GW	LL3mw-233-1102-GW	LL3mw-234-1103-GW	LL3mw-235-1104-GW	LL3mw-236-1105-GW
Date	09/11/2001	02/25/2002	09/11/2001	01/22/2002	09/18/2001
Filtered	Total	Total	Total	Total	Total
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/L)					
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Bis(2-ethylhexyl)phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Butyl benzyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Carbazole	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Chrysene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Di-n-butyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Di-n-octylphthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Dibenz(a,h)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Diethyl phthalate	0.01 UJ	0.01 U	0.01 UJ	0.01 UJ	0.01 UJ
Dimethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 R
Fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Fluorene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Hexachlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Hexachlorocyclopentadiene	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Isophorone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
N-Nitroso-di-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
N-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Naphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Nitrobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Pentachlorophenol	0.01 R	0.01 U	0.01 R	0.01 R	0.01 UJ
Phenanthrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Phenol	0.01 R	0.01 U	0.01 R	0.01 R	0.01 UJ
Pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ

Table I-23. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-237	LL3mw-238	LL3mw-239	LL3mw-240	LL3mw-241
Sample ID	LL31106	LL31107	LL31108	LL31109	LL31110
Customer ID	LL3mw-237-1106-GW	LL3mw-238-1107-GW	LL3mw-239-1108-GW	LL3mw-240-1109-GW	LL3mw-241-1110-GW
Date	09/19/2001	09/18/2001	09/18/2001	09/18/2001	09/21/2001
Filtered	Total	Total	Total	Total	Total
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/L)					
1,2,4-Trichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	0.025 R	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 R	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitrophenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
3-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorobenzenamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methylphenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
4-Nitrophenol	0.025 R	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benz(a)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzenemethanol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(ghi)perylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzoic acid	0.035 R	0.035 U	0.035 U	0.035 U	0.035 U
Bis(2-chloroethoxy)methane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroethyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table I-23. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-237	LL3mw-238	LL3mw-239	LL3mw-240	LL3mw-241
Sample ID	LL31106	LL31107	LL31108	LL31109	LL31110
Customer ID	LL3mw-237-1106-GW	LL3mw-238-1107-GW	LL3mw-239-1108-GW	LL3mw-240-1109-GW	LL3mw-241-1110-GW
Date	09/19/2001	09/18/2001	09/18/2001	09/18/2001	09/21/2001
Filtered	Total	Total	Total	Total	Total
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/L)					
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.0047 J
Butyl benzyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbazole	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octylphthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Dimethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ
Fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitroso-di-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	0.01 R	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table I-23. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-242	LL3mw-243	LL3mw-243
Sample ID	LL31111	LL31112	LL31138
Customer ID	LL3mw-242-1111-GW	LL3mw-243-1112-GW	LL3mw-243-1138-GW
Date	09/20/2001	09/10/2001	09/10/2001
Filtered	Total	Total	Total
Field Type	Grab	Grab	Field Duplicate
Analyte (mg/L)			
1,2,4-Trichlorobenzenc	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	0.01 U	0.01 UJ	0.01 UJ
2,4-Dinitrophenol	0.025 U	0.025 U	0.025 U
2,4-Dinitrotolucnc	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U	0.01 U
2-Chlorophenol	0.01 U	0.01 U	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 U	0.025 U	0.025 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.01 U	0.01 U	0.01 U
2-Nitrobenzenamine	0.025 U	0.025 U	0.025 U
2-Nitrophenol	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	0.025 U	0.025 U	0.025 U
3-Nitrobenzenamine	0.025 U	0.025 U	0.025 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	0.01 U	0.01 U	0.01 U
4-Chlorobenzenamine	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.01 U	0.01 U	0.01 U
4-Methylphenol	0.01 U	0.01 U	0.01 U
4-Nitrobenzenamine	0.025 U	0.025 U	0.025 U
4-Nitrophenol	0.025 U	0.025 U	0.025 U
Acenaphthene	0.01 U	0.01 U	0.01 U
Acenaphthylene	0.01 U	0.01 U	0.01 U
Anthracene	0.01 U	0.01 U	0.01 U
Benz(a)anthracene	0.01 U	0.01 U	0.01 U
Benzenemethanol	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	0.01 U	0.01 U	0.01 U
Benzo(ghi)perylene	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	0.01 U	0.01 U	0.01 U
Benzoic acid	0.035 U	0.035 U	0.035 U
Bis(2-chloroethoxy)methane	0.01 U	0.01 U	0.01 U
Bis(2-chloroethyl) ether	0.01 U	0.01 U	0.01 U

Table I-23. Groundwater Semivolatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-242	LL3mw-243	LL3mw-243
Sample ID	LL31111	LL31112	LL31138
Customer ID	LL3mw-242-1111-GW	LL3mw-243-1112-GW	LL3mw-243-1138-GW
Date	09/20/2001	09/10/2001	09/10/2001
Filtered	Total	Total	Total
Field Type	Grab	Grab	Field Duplicate
Analyte (mg/L)			
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U	0.01 U	0.01 U
Butyl benzyl phthalate	0.01 U	0.01 U	0.01 U
Carbazole	0.01 U	0.01 U	0.01 U
Chrysene	0.01 U	0.01 U	0.01 U
Di-n-butyl phthalate	0.01 U	0.01 U	0.01 U
Di-n-octylphthalate	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	0.01 U	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ
Dimethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ
Fluoranthene	0.01 U	0.01 U	0.01 U
Fluorene	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 R	0.01 R	0.01 R
Hexachloroethane	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U	0.01 U
N-Nitroso-di-n-propylamine	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U
Naphthalene	0.01 U	0.01 U	0.01 U
Nitrobenzene	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U	0.01 U
Phenanthrene	0.01 U	0.01 U	0.01 U
Phenol	0.01 U	0.01 U	0.01 U
Pyrene	0.01 U	0.01 U	0.01 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-24. Groundwater Volatile Organic Compounds

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-232	LL3mw-233	LL3mw-234	LL3mw-235	LL3mw-236
Sample ID	LL31101	LL31102	LL31103	LL31104	LL31105
Customer ID	LL3mw-232-1101-GW	LL3mw-233-1102-GW	LL3mw-234-1103-GW	LL3mw-235-1104-GW	LL3mw-236-1105-GW
Date	09/11/2001	02/25/2002	09/11/2001	01/22/2002	09/18/2001
Filtered	Total	Total	Total	Total	Total
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/L)					
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.0076 UJ	0.0067 J	0.01 UJ	0.01 U	0.0037 J
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U	0.001 U	0.0014 =
Carbon tetrachloride	0.001 U	0.001 U	0.00025 J	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.0002 J	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.0002 J	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table I-24. Groundwater Volatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-232	LL3mw-233	LL3mw-234	LL3mw-235	LL3mw-236
Sample ID	LL31101	LL31102	LL31103	LL31104	LL31105
Customer ID	LL3mw-232-1101-GW	LL3mw-233-1102-GW	LL3mw-234-1103-GW	LL3mw-235-1104-GW	LL3mw-236-1105-GW
Date	09/11/2001	02/25/2002	09/11/2001	01/22/2002	09/18/2001
Filtered	Total	Total	Total	Total	Total
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/L)					
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.0076 UJ	0.0067 J	0.01 UJ	0.01 U	0.0037 J
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U	0.001 U	0.0014 =
Carbon tetrachloride	0.001 U	0.001 U	0.00025 J	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.0002 J	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 UJ	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.0002 J	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table I-24. Groundwater Volatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-237	LL3mw-238	LL3mw-239	LL3mw-240	LL3mw-241
Sample ID	LL31106	LL31107	LL31108	LL31109	LL31110
Customer ID	LL3mw-237-1106-GW	LL3mw-238-1107-GW	LL3mw-239-1108-GW	LL3mw-240-1109-GW	LL3mw-241-1110-GW
Date	09/19/2001	09/18/2001	09/18/2001	09/18/2001	09/21/2001
Filtered	Total	Total	Total	Total	Total
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/L)					
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.0021 J	0.0022 J	0.0035 J	0.0025 J	0.012 U
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U	0.00015 J	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.0012 =	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.00019 J	0.001 U	0.00023 J
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.00049 J	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table I-24. Groundwater Volatile Organic Compounds (continued)

Location	Groundwater Aggregate	Groundwater Aggregate	Groundwater Aggregate
Station	LL3mw-242	LL3mw-243	LL3mw-243
Sample ID	LL31111	LL31112	LL31138
Customer ID	LL3mw-242-1111-GW	LL3mw-243-1112-GW	LL3mw-243-1138-GW
Date	09/20/2001	09/10/2001	09/10/2001
Filtered	Total	Total	Total
Field Type	Grab	Grab	Field Duplicate
Analyte (mg/L)			
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U		0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U
Acetone	0.01 U	0.01 UJ	0.01 UJ
Benzene	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U
Chloromethane	0.00015 J	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-25. Storm/Sanitary Sewers Sediment Inorganics

Location	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	LL3-215	LL3-217	LL3-218	LL3-223	LL3-224	LL3-224	LL3-228
Sample ID	LL31063	LL31066	LL31067	LL31088	LL31089	LL31130	LL31094
Customer ID	LL3sd-215-1063-SD	LL3sd-217-1066-SD	LL3sd-218-1067-SD	LL3sd-223-1088-SD	LL3sd-224-1089-SD	LL3sd-224-1130-SD	LL3sd-228-1094-SD
Date	08/07/2001	08/07/2001	08/07/2001	08/08/2001	08/07/2001	08/07/2001	08/09/2001
Depth (ft)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Field Duplicate	Grab
Analyte (mg/kg)							
Aluminum	11000 =	7020 =	4850 =	6900 =	7760 =	9520 =	7060 =
Antimony	2.5 UJ	1.9 J *	1.2 UJ	756 J *	201 J *	200 J *	1.5 UJ
Arsenic	14.4 J	8.7 =	9.9 =	13.8 =	24.4 = *	30 = *	10.2 =
Barium	108 J	178 = *	51.8 =	2010 = *	95 =	135 = *	37.4 =
Beryllium	1.1 = *	0.68 = *	0.49 = *	0.63 J *	0.58 = *	0.7 = *	0.37 U
Cadmium	4.3 = *	9.3 = *	2.1 = *	5 = *	1.5 = *	1.7 = *	0.35 J *
Calcium	30800 J *	15900 = *	40400 = *	5490 =	2070 =	3010 =	1330 =
Chromium	37.3 = *	33.8 = *	10.7 =	464 J *	148 = *	141 = *	26.3 = *
Cobalt	6.9 J	9.1 =	5.5 =	21.1 = *	11.5 = *	14.5 = *	7 =
Copper	182 = *	90.1 = *	32.4 = *	158 = *	1340 = *	1510 = *	23.5 J
Cyanide	0.62 U						
Iron	92100 J *	35300 J *	24000 J	34200 = *	29900 = *	34700 = *	17700 =
Lead	63.8 J *	190 J *	55 J *	3930 = *	913 J *	1010 J *	97.6 J *
Magnesium	5090 = *	3960 = *	1490 =	3130 = *	1690 =	2230 =	1710 =
Manganese	1680 J	1790 J	603 J	663 =	242 =	364 =	312 =
Mercury	0.024 J	0.23 = *	0.033 J	0.13 J *	0.16 J *	0.21 J *	0.016 J
Nickel	31 J *	46.4 J *	13.4 J	17.8 = *	16.8 =	18.9 = *	15.4 =
Potassium	605 J	672 J	304 J	402 J	375 J	455 J	856 =
Selenium	5 U	3.8 = *	0.62 =	0.83 J	4.5 = *	5.5 = *	3 U
Silver	0.44 J *	2.2 = *	0.22 J *	0.72 U	0.73 U	0.81 U	0.74 U
Sodium	181 J *	778 U	65.5 J	84.7 J	730 U	811 U	738 U
Thallium	0.4 =	0.4 =	0.31 =	0.42 =	0.55 =	0.6 =	0.37 J
Vanadium	12.9 J	13.7 =	11.9 =	13.6 =	18 =	22.7 =	11.9 =
Zinc	1230 = *	515 J	778 J *	846 = *	283 =	334 =	115 =

* - exceeds site-wide background criteria.
 = - detected, J - estimated, U - not detected, R - rejected.

Table I-26. Storm/Sanitary Sewers Sediment Explosives and Propellants

	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate
Location					
Station	LL3-215	LL3-217	LL3-218	LL3-223	LL3-224
Sample ID	LL31063	LL31066	LL31067	LL31088	LL31089
Customer ID	LL3sd-215-1063-SD	LL3sd-217-1066-SD	LL3sd-218-1067-SD	LL3sd-223-1088-SD	LL3sd-224-1089-SD
Date	08/07/2001	08/07/2001	08/07/2001	08/08/2001	08/07/2001
Depth (ft)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)					
1,3,5-Trinitrobenzene	0.25 U	0.35 U	0.77 =	0.25 U	0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,4,6-Trinitrotoluene	0.16 J	0.61 =	68 =	0.25 U	0.25 U
2,4-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.69 =	2.2 J	0.25 U	0.25 U
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.88 =	21 U	0.25 U	0.25 U
4-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-27. Storm/Sanitary Sewers Sediment Pesticides and PCBs

	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate	Storm/Sanitary Sewers Sediment Samples Aggregate
Location	LL3-215	LL3-217	LL3-218	LL3-223	LL3-224	LL3-224	LL3-228
Station	LL3-215	LL3-217	LL3-218	LL3-223	LL3-224	LL3-224	LL3-228
Sample ID	LL31063	LL31066	LL31067	LL31088	LL31089	LL31130	LL31094
Customer ID	LL3sd-215-1063-SD	LL3sd-217-1066-SD	LL3sd-218-1067-SD	LL3sd-223-1088-SD	LL3sd-224-1089-SD	LL3sd-224-1130-SD	LL3sd-228-1094-SD
Date	08/07/2001	08/07/2001	08/07/2001	08/08/2001	08/07/2001	08/07/2001	08/09/2001
Depth (ft)	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5	0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Field Duplicate	Grab
Analyte (mg/kg)							
4,4'-DDD							0.013 UJ
4,4'-DDE							0.013 U
4,4'-DDT							0.013 U
Aldrin							0.013 U
Dieldrin							0.013 UJ
Endosulfan I							0.013 UJ
Endosulfan II							0.013 U
Endosulfan sulfate							0.013 U
Endrin							0.013 UJ
Endrin aldehyde							0.013 U
Endrin ketone							0.013 U
Heptachlor							0.013 U
Heptachlor epoxide							0.013 UJ
Lindane							0.013 UJ
Methoxychlor							0.024 U
PCB-1016	0.2 U	0.51 U	2 U	0.24 U	0.24 U	0.27 U	0.049 U
PCB-1221	0.2 U	0.51 U	2 U	0.24 U	0.24 U	0.27 U	0.049 U
PCB-1232	0.2 U	0.51 U	2 U	0.24 U	0.24 U	0.27 U	0.049 U
PCB-1242	0.2 U	0.51 U	2 U	0.24 U	0.24 U	0.27 U	0.049 U
PCB-1248	0.2 U	0.51 U	2 U	0.24 U	0.24 U	0.27 U	0.049 U
PCB-1254	0.58 =	6.2 =	15 =	2.5 =	0.86 =	1.3 =	0.056 =
PCB-1260	0.2 U	0.51 U	2 U	0.24 U	0.24 U	0.27 U	0.049 U
Toxaphene							0.49 U
alpha-BHC							0.013 UJ
alpha-Chlordane							0.013 UJ
beta-BHC							0.013 U
delta-BHC							0.013 U
gamma-Chlordane							0.013 UJ

= - detected, J - estimated, U - not detected, R - rejected.

Table I-28. Storm/Sanitary Sewers Sediment Semivolatile Organic Compounds

Location	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	LL3-228
Sample ID	LL31094
Customer ID	LL3sd-228-1094-SD
Date	08/09/2001
Depth (ft)	0 - 1
Field Type	Grab
Analyte (mg/kg)	
1,2,4-Trichlorobenzene	0.49 UJ
1,2-Dichlorobenzene	0.49 UJ
1,3-Dichlorobenzene	0.49 UJ
1,4-Dichlorobenzene	0.49 UJ
2,4,5-Trichlorophenol	0.49 UJ
2,4,6-Trichlorophenol	0.49 UJ
2,4-Dichlorophenol	0.49 UJ
2,4-Dimethylphenol	0.49 UJ
2,4-Dinitrophenol	1.2 UJ
2,4-Dinitrotoluene	0.49 UJ
2,6-Dinitrotoluene	0.49 UJ
2-Chloronaphthalene	0.49 UJ
2-Chlorophenol	0.49 UJ
2-Methyl-4,6-dinitrophenol	1.2 UJ
2-Methylnaphthalene	0.49 UJ
2-Methylphenol	0.49 UJ
2-Nitrobenzenamine	1.2 UJ
2-Nitrophenol	0.49 UJ
3,3'-Dichlorobenzidine	0.49 UJ
3-Nitrobenzenamine	1.2 UJ
4-Bromophenyl phenyl ether	0.49 UJ
4-Chloro-3-methylphenol	0.49 UJ
4-Chlorobenzenamine	0.49 UJ
4-Chlorophenyl phenyl ether	0.49 UJ
4-Methylphenol	0.49 UJ
4-Nitrobenzenamine	1.2 UJ
4-Nitrophenol	1.2 UJ
Acenaphthene	0.49 UJ
Acenaphthylene	0.49 UJ
Anthracene	0.49 UJ
Benz(a)anthracene	0.49 UJ
Benzenemethanol	0.49 UJ
Benzo(a)pyrene	0.49 UJ
Benzo(b)fluoranthene	0.49 UJ
Benzo(ghi)perylene	0.49 UJ
Benzo(k)fluoranthene	0.49 UJ
Benzoic acid	2.4 UJ
Bis(2-chloroethoxy)methane	0.49 UJ

Table I-28. Storm/Sanitary Sewers Sediment Semivolatile Organic Compounds (continued)

Location	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	LL3-228
Sample ID	LL31094
Customer ID	LL3sd-228-1094-SD
Date	08/09/2001
Depth (ft)	0 - 1
Field Type	Grab
Analyte (mg/kg)	
Bis(2-chloroethyl) ether	0.49 UJ
Bis(2-chloroisopropyl) ether	0.49 UJ
Bis(2-ethylhexyl)phthalate	0.49 UJ
Butyl benzyl phthalate	0.49 UJ
Carbazole	0.49 UJ
Chrysene	0.49 UJ
Di-n-butyl phthalate	0.49 UJ
Di-n-octylphthalate	0.49 UJ
Dibenz(a,h)anthracene	0.49 UJ
Dibenzofuran	0.49 UJ
Diethyl phthalate	0.49 UJ
Dimethyl phthalate	0.49 UJ
Fluoranthene	0.49 UJ
Fluorene	0.49 UJ
Hexachlorobenzene	0.49 UJ
Hexachlorobutadiene	0.49 UJ
Hexachlorocyclopentadiene	0.49 UJ
Hexachloroethane	0.49 UJ
Indeno(1,2,3-cd)pyrene	0.49 UJ
Isophorone	0.49 UJ
N-Nitroso-di-n-propylamine	0.49 UJ
N-Nitrosodiphenylamine	0.49 UJ
Naphthalene	0.49 UJ
Nitrobenzene	0.49 UJ
Pentachlorophenol	0.49 UJ
Phenanthrene	0.49 UJ
Phenol	0.49 UJ
Pyrene	0.49 UJ

= - detected, J - estimated, U - not detected, R - rejected.

Table I-29. Storm/Sanitary Sewers Sediment Volatile Organic Compounds

Location	Storm/Sanitary Sewers Sediment Samples Aggregate
Station	LL3-228
Sample ID	LL31094
Customer ID	LL3sd-228-1094-SD
Date	08/09/2001
Depth (ft)	0 - 1
Field Type	Grab
Analyte (mg/kg)	
1,1,1-Trichloroethane	0.0074 U
1,1,2,2-Tetrachloroethane	0.0074 U
1,1,2-Trichloroethane	0.0074 U
1,1-Dichloroethane	0.0074 U
1,1-Dichloroethene	0.0074 U
1,2-Dibromoethane	0.0074 U
1,2-Dichloroethane	0.0074 U
1,2-Dichloroethene	0.0074 U
1,2-Dichloropropane	0.0074 U
2-Butanone	0.03 U
2-Hexanone	0.03 U
4-Methyl-2-pentanone	0.03 U
Acetone	0.03 UJ
Benzene	0.0074 U
Bromochloromethane	0.0074 U
Bromodichloromethane	0.0074 U
Bromoform	0.0074 U
Bromomethane	0.0074 U
Carbon disulfide	0.0074 U
Carbon tetrachloride	0.0074 U
Chlorobenzene	0.0074 U
Chloroethane	0.0074 U
Chloroform	0.0074 U
Chloromethane	0.0074 U
Dibromochloromethane	0.0074 U
Dimethylbenzene	0.0074 U
Ethylbenzene	0.0074 U
Methylene chloride	0.0074 U
Styrene	0.0074 U
Tetrachloroethene	0.0074 U
Toluene	0.0074 U
Trichloroethene	0.0074 U
Vinyl chloride	0.0074 U
cis-1,3-Dichloropropene	0.0074 U
trans-1,3-Dichloropropene	0.0074 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-30. Storm/Sanitary Sewers Surface Water Inorganics

Location	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate
Station	LL3-225	LL3-228
Sample ID	LL31091	LL31095
Customer ID	LL3sw-225-1091-SW	LL3sw-228-1095-SW
Date	08/09/2001	08/09/2001
Filtered	Total	Total
Field Type	Grab	Grab
Analyte (mg/L)		
Aluminum	0.12 J	0.23 J
Antimony	0.01 U	0.01 U
Arsenic	0.015 U	0.015 U
Barium	0.014 =	0.025 =
Beryllium	0.005 U	0.005 U
Cadmium	0.005 U	0.005 U
Calcium	20.4 =	29.1 =
Chromium	0.005 U	0.005 U
Cobalt	0.005 U	0.005 U
Copper	0.015 U	0.015 U
Iron	0.21 J	0.55 =
Lead	0.0032 J *	0.01 U
Magnesium	4.7 J	0.64 J
Manganese	0.043 =	0.016 J
Mercury	0.0002 UJ	0.0002 U
Nickel	0.0058 J *	0.025 U
Potassium	1.2 J	6.3 = *
Selenium	0.02 U	0.02 U
Silver	0.0067 = *	0.005 U
Sodium	5.2 =	2.5 J
Thallium	0.0019 U	0.002 UJ
Vanadium	0.007 U	0.007 U
Zinc	0.03 U	0.027 =

* - exceeds site-wide background criteria.

= - detected, J - estimated, U - not detected, R - rejected.

Table I-31. Storm/Sanitary Sewers Surface Water Explosives and Propellants

Location	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate
Station	LL3-225	LL3-228
Sample ID	LL31091	LL31095
Customer ID	LL3sw-225-1091-SW	LL3sw-228-1095-SW
Date	08/09/2001	08/09/2001
Filtered	Total	Total
Field Type	Grab	Grab
Analyte (mg/L)		
1,3,5-Trinitrobenzene	0.0002 U	0.0002 U
1,3-Dinitrobenzene	0.0002 U	0.0002 U
2,4,6-Trinitrotoluene	0.0018 =	0.0002 U
2,4-Dinitrotoluene	0.00013 U	0.00013 U
2,6-Dinitrotoluene	0.00013 U	0.00013 U
2-Amino-4,6-dinitrotoluene	0.0023 =	0.00075 =
2-Nitrotoluene	0.0002 U	0.0002 U
3-Nitrotoluene	0.0002 U	0.0002 U
4-Amino-2,6-dinitrotoluene	0.0034 =	0.0017 =
4-Nitrotoluene	0.0002 U	0.0002 U
HMX	0.0005 U	0.00027 J
Nitrobenzene	0.0002 U	0.0002 U
Nitroglycerin	0.0025 U	0.0025 U
RDX	0.00034 J	0.0005 =
Tetryl	0.0002 U	0.0002 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-32. Storm/Sanitary Sewers Surface Water Pesticides and PCBs

Location	Storm/Sanitary Sewers Water Samples Aggregate	Storm/Sanitary Sewers Water Samples Aggregate
Station	LL3-225	LL3-228
Sample ID	LL31091	LL31095
Customer ID	LL3sw-225-1091-SW	LL3sw-228-1095-SW
Date	08/09/2001	08/09/2001
Filtered	Total	Total
Field Type	Grab	Grab
Analyte (mg/L)		
4,4'-DDD		0.00005 U
4,4'-DDE		0.00005 U
4,4'-DDT		0.00005 U
Aldrin		0.00005 U
Dieldrin		0.00005 U
Endosulfan I		0.00005 U
Endosulfan II		0.00005 U
Endosulfan sulfate		0.00005 U
Endrin		0.00005 U
Endrin aldehyde		0.00005 U
Endrin ketone		0.00005 U
Heptachlor		0.00005 U
Heptachlor epoxide		0.00005 U
Lindane		0.00005 U
Methoxychlor		0.0001 U
PCB-1016	0.0005 U	0.0005 U
PCB-1221	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 U
PCB-1242	0.0005 U	0.0005 U
PCB-1248	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 U
PCB-1260	0.0005 U	0.0005 U
Toxaphene		0.002 U
alpha-BHC		0.00005 U
alpha-Chlordane		0.00005 U
beta-BHC		0.00005 U
delta-BHC		0.00005 U
gamma-Chlordane		0.00005 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-33. Storm/Sanitary Sewers Surface Water Semivolatile Organic Compounds

Location	Storm/Sanitary Sewers Water Samples Aggregate
Station	LL3-228
Sample ID	LL31095
Customer ID	LL3sw-228-1095-SW
Date	08/09/2001
Filtered	Total
Field Type	Grab
Analyte (mg/L)	
1,2,4-Trichlorobenzene	0.01 U
1,2-Dichlorobenzene	0.01 U
1,3-Dichlorobenzene	0.01 U
1,4-Dichlorobenzene	0.01 U
2,4,5-Trichlorophenol	0.01 U
2,4,6-Trichlorophenol	0.01 U
2,4-Dichlorophenol	0.01 U
2,4-Dimethylphenol	0.01 U
2,4-Dinitrophenol	0.025 U
2,4-Dinitrotoluene	0.01 U
2,6-Dinitrotoluene	0.01 U
2-Chloronaphthalene	0.01 U
2-Chlorophenol	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 U
2-Methylnaphthalene	0.01 U
2-Methylphenol	0.01 U
2-Nitrobenzenamine	0.025 U
2-Nitrophenol	0.01 U
3,3'-Dichlorobenzidine	0.025 R
3-Nitrobenzenamine	0.025 U
4-Bromophenyl phenyl ether	0.01 U
4-Chloro-3-methylphenol	0.01 U
4-Chlorobenzenamine	0.01 U
4-Chlorophenyl phenyl ether	0.01 U
4-Methylphenol	0.01 U
4-Nitrobenzenamine	0.025 U
4-Nitrophenol	0.025 U
Acenaphthene	0.01 U
Acenaphthylene	0.01 U
Anthracene	0.01 U
Benz(a)anthracene	0.01 U
Benzenemethanol	0.01 U
Benzo(a)pyrene	0.01 U
Benzo(b)fluoranthene	0.01 U
Benzo(ghi)perylene	0.01 U
Benzo(k)fluoranthene	0.01 U
Benzoic acid	0.035 R
Bis(2-chloroethoxy)methane	0.01 U

Table I-33. Storm/Sanitary Sewers Surface Water Semivolatile Organic Compounds (continued)

Location	Storm/Sanitary Sewers Water Samples Aggregate
Station	LL3-228
Sample ID	LL31095
Customer ID	LL3sw-228-1095-SW
Date	08/09/2001
Filtered	Total
Field Type	Grab
Analyte (mg/L)	
Bis(2-chloroethyl) ether	0.01 U
Bis(2-chloroisopropyl) ether	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U
Butyl benzyl phthalate	0.01 U
Carbazole	0.01 U
Chrysene	0.01 U
Di-n-butyl phthalate	0.01 U
Di-n-octylphthalate	0.01 U
Dibenz(a,h)anthracene	0.01 U
Dibenzofuran	0.01 U
Diethyl phthalate	0.01 UJ
Dimethyl phthalate	0.01 R
Fluoranthene	0.01 U
Fluorene	0.01 U
Hexachlorobenzene	0.01 U
Hexachlorobutadiene	0.01 U
Hexachlorocyclopentadiene	0.01 R
Hexachloroethane	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U
Isophorone	0.01 U
N-Nitroso-di-n-propylamine	0.01 U
N-Nitrosodiphenylamine	0.01 U
Naphthalene	0.01 U
Nitrobenzene	0.01 U
Pentachlorophenol	0.01 U
Phenanthrene	0.01 U
Phenol	0.01 U
Pyrene	0.01 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-34. Storm/Sanitary Sewers Surface Water Volatile Organic Compounds

Location	Storm/Sanitary Sewers Water Samples Aggregate
Station	LL3-228
Sample ID	LL31095
Customer ID	LL3sw-228-1095-SW
Date	08/09/2001
Filtered	Total
Field Type	Grab
Analyte (mg/L)	
1,1,1-Trichloroethane	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U
1,1,2-Trichloroethane	0.001 U
1,1-Dichloroethane	0.001 U
1,1-Dichloroethene	0.001 U
1,2-Dibromoethane	0.001 U
1,2-Dichloroethane	0.001 U
1,2-Dichloroethene	0.001 U
1,2-Dichloropropane	0.001 U
2-Butanone	0.01 U
2-Hexanone	0.01 U
4-Methyl-2-pentanone	0.01 U
Acetone	0.082 U
Benzene	0.001 U
Bromochloromethane	0.001 U
Bromodichloromethane	0.001 U
Bromoform	0.001 U
Bromomethane	0.001 U
Carbon disulfide	0.001 U
Carbon tetrachloride	0.001 U
Chlorobenzene	0.001 U
Chloroethane	0.001 U
Chloroform	0.001 U
Chloromethane	0.001 U
Dibromochloromethane	0.001 U
Dimethylbenzene	0.001 U
Ethylbenzene	0.001 U
Methylene chloride	0.001 U
Styrene	0.001 U
Tetrachloroethene	0.001 U
Toluene	0.001 U
Trichloroethene	0.001 U
Vinyl chloride	0.001 U
cis-1,3-Dichloropropene	0.001 U
trans-1,3-Dichloropropene	0.001 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-35. Buildings and Structures Solids Inorganics

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	LL3-061	LL3-062	LL3-068	LL3-069	LL3-094
Sample ID	LL30705	LL30706	LL30722	LL30723	LL30796
Customer ID	LL3ss-061-0705-SO	LL3ss-062-0706-SO	LL3ss-068-0722-SO	LL3ss-069-0723-SO	LL3ss-094-0796-SO
Date	07/31/2001	07/31/2001	07/31/2001	07/31/2001	08/01/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)					
Aluminum	7150 =	7570 =	6340 =	6350 =	6730 =
Antimony	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	10.8 J	14.8 J	13.1 J	12.6 J	12.4 J
Arsenic +3					
Barium	31.5 =	31.3 =	33.5 =	32.1 =	36.4 =
Beryllium	0.33 J	0.31 J	0.3 J	0.31 J	0.36 J
Cadmium	0.16 J	0.19 J	0.15 J	0.19 J	0.16 J
Calcium	1050 =	1260 =	1080 =	1050 =	1190 =
Chromium	8.3 =	9 =	8.7 =	7.8 =	8.4 =
Chromium, hexavalent					
Cobalt	6.2 =	7.5 =	7 =	7.1 =	8 =
Copper	18.5 =	19.2 =	21.3 =	21.5 =	22.3 =
Cyanide		0.55 U			
Iron	17500 =	17700 =	17400 =	18200 =	19100 =
Lead	11.4 J	16.4 J	14.5 J	11.8 J	14.3 J
Magnesium	1760 =	2060 =	1820 =	1650 =	1760 =
Manganese	319 =	324 =	376 =	374 =	388 =
Mercury	0.016 J	0.025 J	0.11 U	0.11 U	0.025 J
Nickel	14.1 =	15.3 =	14.5 =	14.6 =	15.5 =
Potassium	649 =	792 =	692 =	629 =	753 =
Selenium	2.2 U	0.43 J	0.39 J	2.2 U	2.2 U
Silver	0.55 U	0.55 U	0.53 U	0.54 U	0.54 U
Sodium	550 U	545 U	530 U	544 U	541 U
Thallium	0.37 U	0.31 =	0.33 U	0.37 U	0.39 U
Vanadium	12.5 =	12.8 =	12 =	12.4 =	12.6 =
Zinc	56.1 =	56.4 =	54 =	61.7 =	72.7 =

Table I-35. Buildings and Structures Solids Inorganics (continued)

Location	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	LL3-095	LL3-096	LL3-107	LL3-108	LL3-109
Sample ID	LL30797	LL30798	LL30829	LL30830	LL30831
Customer ID	LL3ss-095-0797-SO	LL3fs-096-0798-FS	LL3ss-107-0829-SO	LL3ss-108-0830-SO	LL3ss-109-0831-SO
Date	08/01/2001	08/20/2001	08/07/2001	08/07/2001	08/08/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)					
Aluminum	6090 =	1450 =	6300 =	5800 =	5790 =
Antimony	1.1 UJ	11.5 J	1.1 UJ	1.1 UJ	1.1 UJ
Arsenic	12.9 J	57 =	12.5 =	10.4 =	9.1 =
Arsenic +3		0.000055 =			
Barium	41.4 =	2000 =	35.6 =	37.1 =	27.6 =
Beryllium	0.3 J	0.26 U	0.27 =	0.25 =	0.27 J
Cadmium	0.17 J	61.1 =	0.24 =	0.21 =	0.1 J
Calcium	2010 =	11000 =	1530 =	2550 =	2520 =
Chromium	10.5 =	201 =	9 =	8.5 =	8.3 J
Chromium, hexavalent		1 UJ			
Cobalt	7.8 =	32 =	8.8 =	6.1 =	5.6 =
Copper	23.8 =	345 =	20 =	16.4 =	16.5 =
Cyanide		0.69 =			
Iron	18100 =	329000 =	18900 =	15300 =	14700 =
Lead	16.1 J	6890 J	14.8 J	13.1 J	10.1 =
Magnesium	2090 =	1050 =	1870 =	1800 =	2180 =
Manganese	436 =	2670 =	327 =	321 =	267 =
Mercury	0.11 U	0.17 =	0.01 UJ	0.028 UJ	0.11 U
Nickel	18 =	91.1 =	13 =	11.6 =	13.1 =
Potassium	752 =	9260 =	681 =	653 =	657 =
Selenium	2.2 U	2.5 J	2.2 U	2.1 U	2.1 U
Silver	0.54 U	1.4 =	0.54 U	0.53 U	0.53 U
Sodium	538 U	3050 =	540 U	527 U	533 U
Thallium	0.46 U	0.27 R	0.25 =	0.27 =	0.21 =
Vanadium	10.2 =	37.6 =	11.8 =	11 =	9.2 =
Zinc	75.8 =	1470 =	60.2 =	62.2 =	47.2 =

Table I-35. Buildings and Structures Solids Inorganics (continued)

Location	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate
Station	LL3-110	LL3-123	LL3-124	LL3-125	LL3-141
Sample ID	LL30832	LL30869	LL30870	LL30871	LL30917
Customer ID	LL3fs-110-0832-FS	LL3ss-123-0869-SO	LL3ss-124-0870-SO	LL3ss-125-0871-SO	LL3fs-141-0917-FS
Date	08/20/2001	08/01/2001	08/01/2001	08/01/2001	08/20/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)					
Aluminum	1770 =	11900 =	13200 =	15100 =	916 =
Antimony	20.6 J	1.1 UJ	1.3 UJ	1.2 UJ	9.7 J
Arsenic	38.5 =	6.8 J	13.6 J	11.4 J	28.4 =
Arsenic +3	0.000071 =				0.000048 =
Barium	1640 =	133 =	53.8 =	66.3 =	1240 =
Beryllium	0.24 U	1.2 =	0.57 J	0.87 =	0.11 U
Cadmium	114 =	0.42 J	0.36 J	0.16 J	10.8 =
Calcium	13500 =	80000 =	3400 =	14200 =	9950 =
Chromium	252 =	9.6 =	15.9 =	14.9 =	124 =
Chromium, hexavalent	1 UJ				1 UJ
Cobalt	39 =	4 =	7.1 =	6.4 =	21.3 =
Copper	748 =	18.8 =	25.5 =	15.3 =	1500 =
Cyanide	0.94 =				0.54 =
Iron	322000 =	11300 =	25000 =	23600 =	310000 =
Lead	4530 J	56.8 J	28.8 J	11 J	2180 J
Magnesium	1150 =	6610 =	2870 =	4550 =	869 =
Manganese	2150 =	698 =	251 =	374 =	655 =
Mercury	0.034 J	0.026 J	0.13 U	0.012 J	0.09 J
Nickel	145 =	8.2 =	18.3 =	16.4 =	58.3 =
Potassium	9090 =	1450 =	841 =	1160 =	6060 =
Selenium	20.6 U	2.2 U	2.5 U	2.4 U	20.5 U
Silver	0.4 J	0.56 U	0.63 U	0.61 U	0.28 J
Sodium	1770 =	253 J	627 U	98.1 J	1550 =
Thallium	0.26 R	0.31 U	0.5 U	0.51 U	0.2 R
Vanadium	16.2 =	11.5 =	20.5 =	19.3 =	16.5 =
Zinc	1180 =	124 =	93 =	43.8 =	838 =

Table I-35. Buildings and Structures Solids Inorganics (continued)

Location	Pink Water and Washdown Sedimentation Sumps Aggreg	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	LL3-155	LL3-155	LL3-208	LL3-210	LL3-210
Sample ID	LL30957	LL31125	LL31050	LL31053	LL31122
Customer ID	LL3sd-155-0957-SD	LL3sd-155-1125-SD	LL3sd-208-1050-SD	LL3sd-210-1053-SD	LL3sd-210-1122-SD
Date	08/09/2001	08/09/2001	08/06/2001	08/06/2001	08/06/2001
Depth (ft)	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5
Field Type	Grab	Field Duplicate	Grab	Grab	Field Duplicate
Analyte (mg/kg)					
Aluminum	6420 =	10400 =	14900 J	17300 J	16700 J
Antimony	9.5 UJ	5.6 J	3.8 UJ	5.6 J	5.2 J
Arsenic	8.2 =	12.4 =	7.6 J	27.5 J	26.4 J
Arsenic +3					
Barium	67.7 J	110 J	122 J	1170 J	1480 J
Beryllium	4.7 U	0.77 J	1.1 U	1.4 =	1.3 =
Cadmium	11.9 =	12.8 =	1.7 =	37.7 =	39.2 =
Calcium	7480 J	17400 J	8540 J	19800 J	18400 J
Chromium	58 J	98.7 J	24 J	423 J	296 J
Chromium, hexavalent					
Cobalt	7.6 =	10.9 =	8.5 J	25.5 J	30 J
Copper	345 J	445 J	94.2 J	922 J	920 J
Cyanide					
Iron	36900 J	68700 J	18900 J	94200 J	97700 J
Lead	570 J	735 J	64.9 J	4710 J	3260 J
Magnesium	2040 J	4050 J	2510 J	13900 J	14000 J
Manganese	329 J	686 J	445 J	837 J	907 J
Mercury	0.18 J	0.12 J	0.13 J	0.56 J	0.55 J
Nickel	23.5 =	36.2 =	23.9 J	114 J	114 J
Potassium	1100 J	1560 J	1380 J	1160 =	1090 J
Selenium	19 U	5.5 J	1.6 J	3.1 J	1.9 J
Silver	4.7 U	5.6 U	0.87 J	52.7 =	2.1 =
Sodium	4740 U	5620 U	1910 U	133 J	131 J
Thallium	1.5 J	1.1 J	0.76 U	1.1 =	0.8 J
Vanadium	13 =	16.8 =	21.8 J	31.9 J	30.6 J
Zinc	776 =	992 =	390 J	5770 J	5860 J

Table I-35. Buildings and Structures Solids Inorganics (continued)

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	LL3-211	LL3-212
Sample ID	LL31055	LL31057
Customer ID	LL3sd-211-1055-SD	LL3sd-212-1057-SD
Date	08/06/2001	08/06/2001
Depth (ft)	0.0 - 0.5	0.0 - 0.5
Field Type	Grab	Grab
Analyte (mg/kg)		
Aluminum	15900 J	8740 =
Antimony	6.2 UJ	5.7 UJ
Arsenic	37 J	18.1 J
Arsenic +3		
Barium	467 J	126 J
Beryllium	0.96 U	0.5 U
Cadmium	7.6 =	2.1 =
Calcium	273000 J	126000 J
Chromium	280 J	103 =
Chromium, hexavalent		
Cobalt	507 J	180 J
Copper	306 J	113 =
Cyanide		
Iron	218000 J	77800 J
Lead	788 J	21.6 J
Magnesium	11800 J	6070 =
Manganese	2110 J	841 J
Mercury	0.62 U	0.054 J
Nickel	220 J	92.1 J
Potassium	847 J	1830 J
Selenium	12.5 U	11.3 U
Silver	3.1 U	2.8 U
Sodium	3110 U	542 J
Thallium	1.2 U	0.9 U
Vanadium	51.4 J	20.9 J
Zinc	278 J	106 =

= - detected, J - estimated, U - not detected, R - rejected.

Table I-36. Buildings and Structures Solids Explosives and Propellants

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate
Station	LL3-061	LL3-069	LL3-094	LL3-096	LL3-110	LL3-123	LL3-141
Sample ID	LL30705	LL30723	LL30796	LL30798	LL30832	LL30869	LL30917
Customer ID	LL3ss-061-0705-SO	LL3ss-069-0723-SO	LL3ss-094-0796-SO	LL3fs-096-0798-FS	LL3fs-110-0832-FS	LL3ss-123-0869-SO	LL3fs-141-0917-FS
Date	07/31/2001	07/31/2001	08/01/2001	08/20/2001	08/20/2001	08/01/2001	08/20/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0
Field Type	Grab	Grab	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.19 J	0.25 U	0.2 J
1,3-Dinitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.032 J	0.25 U	0.078 J
2,4,6-Trinitrotoluene	0.063 J	0.25 U	0.13 J	1.7 =	16 =	0.98 =	1.8 =
2,4-Dinitrotoluene	0.35 =	0.25 U	0.31 =	0.25 U	0.25 U	0.38 =	0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.11 J	0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 U	0.25 U	0.25 =	0.89 =	0.25 U	0.33 =
2-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.33 U	0.25 U	0.52 U
3-Nitrotoluene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.25 U	0.25 U	0.7 =	5.4 U	0.25 U	0.79 =
4-Nitrotoluene	0.25 U	0.25 U	0.62 U	0.25 U	0.25 U	0.25 U	0.27 U
HMX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitrobenzene	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U	0.25 U
Nitrocellulose							
Nitroglycerin	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U	2.5 U
Nitroguanidine							
RDX	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.66 U
Tetryl	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U

Table I-36. Buildings and Structures Solids Explosives and Propellants (continued)

Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	LL3-155	LL3-155	LL3-208	LL3-210	LL3-210	LL3-211	LL3-212
Sample ID	LL30957	LL31125	LL31050	LL31053	LL31122	LL31055	LL31057
Customer ID	LL3sd-155-0957-SD	LL3sd-155-1125-SD	LL3sd-208-1050-SD	LL3sd-210-1053-SD	LL3sd-210-1122-SD	LL3sd-211-1055-SD	LL3sd-212-1057-SD
Date	08/09/2001	08/09/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001
Depth (ft)	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5
Field Type	Grab	Field Duplicate	Grab	Grab	Field Duplicate	Grab	Grab
Analyte (mg/kg)							
1,3,5-Trinitrobenzene	0.25 U	0.25 U		2.4 J	2.1 J		0.25 U
1,3-Dinitrobenzene	0.25 U	0.25 U		0.24 J	0.54 J		0.25 U
2,4,6-Trinitrotoluene	0.25 U	0.32 =		380 =	380 =		0.25 U
2,4-Dinitrotoluene	0.25 U	0.25 U		3.5 U	3.6 U		0.25 U
2,6-Dinitrotoluene	0.25 U	0.25 U		39 U	39 U		0.25 U
2-Amino-4,6-dinitrotoluene	0.25 U	0.25 U		170 =	180 =		0.25 U
2-Nitrotoluene	0.63 U	0.28 U		1.2 U	6.5 U		0.25 U
3-Nitrotoluene	0.25 U	0.57 U		8.2 U	11 U		0.25 U
4-Amino-2,6-dinitrotoluene	0.25 U	0.25 U		260 =	260 =		0.25 U
4-Nitrotoluene	0.59 U	2.4 U		1.2 U	5.6 U		0.25 U
HMX	0.5 U	0.5 U		50 =	18 J		0.5 U
Nitrobenzene	0.36 U	0.25 U		1.2 U	1.2 U		0.25 U
Nitrocellulose			2 U	190 =		2 U	8.9 =
Nitroglycerin	2.5 U	2.5 U		12 U	12 U		2.5 U
Nitroguanidine			0.25 UJ	0.25 UJ		0.059 J	0.25 UJ
RDX	0.5 U	0.5 U		350 =	95 =		0.5 U
Tetryl	0.65 U	0.65 U		3.2 U	3.2 U		0.65 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-37. Buildings and Structures Solids Pesticides and PCBs

Location	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	LL3-061	LL3-062	LL3-068	LL3-069	LL3-094
Sample ID	LL30705	LL30706	LL30722	LL30723	LL30796
Customer ID	LL3ss-061-0705-SO	LL3ss-062-0706-SO	LL3ss-068-0722-SO	LL3ss-069-0723-SO	LL3ss-094-0796-SO
Date	07/31/2001	07/31/2001	07/31/2001	07/31/2001	08/01/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0
Field Type	Grab	Grab	Grab	Grab	Grab
Analyte (mg/kg)					
4,4'-DDD					
4,4'-DDE					
4,4'-DDT					
Aldrin					
Dieldrin					
Endosulfan I					
Endosulfan II					
Endosulfan sulfate					
Endrin					
Endrin aldehyde					
Endrin ketone					
Heptachlor					
Heptachlor epoxide					
Lindane					
Methoxychlor					
PCB-1016	0.036 UJ	0.036 U	0.035 UJ	0.036 U	0.036 U
PCB-1221	0.036 U	0.036 U	0.035 U	0.036 U	0.036 U
PCB-1232	0.036 U	0.036 U	0.035 U	0.036 U	0.036 U
PCB-1242	0.036 U	0.036 U	0.035 U	0.036 U	0.036 U
PCB-1248	0.036 U	0.036 U	0.035 U	0.036 U	0.036 U
PCB-1254	0.036 U	0.036 U	0.035 U	0.036 U	0.54 =
PCB-1260	0.036 UJ	0.036 U	0.035 UJ	0.036 U	0.036 U
Toxaphene					
alpha-BHC					
alpha-Chlordane					
beta-BHC					
delta-BHC					
gamma-Chlordane					

Table I-37. Buildings and Structures Solids Pesticides and PCBs (continued)

Location	Location	Soil Beneath Building Floor Slabs Aggregate	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
Station	Station	LL3-095	LL3-096	LL3-107	LL3-108
Sample ID	Sample ID	LL30797	LL30798	LL30829	LL30830
Customer ID	Customer ID	LL3ss-095-0797-SO	LL3fs-096-0798-FS	LL3ss-107-0829-SO	LL3ss-108-0830-SO
Date	Date	08/01/2001	08/20/2001	08/07/2001	08/07/2001
Depth (ft)	Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0
Field Type	Field Type	Grab	Grab	Grab	Grab
Analyte (mg/kg)	Analyte (mg/kg)				
4,4'-DDD	4,4'-DDD		0.44 U		
4,4'-DDE	4,4'-DDE		7.7 J		
4,4'-DDT	4,4'-DDT		0.44 U		
Aldrin	Aldrin		0.44 U		
Dieldrin	Dieldrin		8.5 J		
Endosulfan I	Endosulfan I		0.44 U		
Endosulfan II	Endosulfan II		0.44 U		
Endosulfan sulfate	Endosulfan sulfate		0.44 U		
Endrin	Endrin		0.94 J		
Endrin aldehyde	Endrin aldehyde		8.5 J		
Endrin ketone	Endrin ketone		0.44 U		
Heptachlor	Heptachlor		0.44 U		
Heptachlor epoxide	Heptachlor epoxide		0.44 U		
Lindane	Lindane		0.44 U		
Methoxychlor	Methoxychlor		0.85 U		
PCB-1016	PCB-1016	0.035 UJ	68 U	0.036 U	0.035 U
PCB-1221	PCB-1221	0.035 U	68 U	0.036 U	0.035 U
PCB-1232	PCB-1232	0.035 U	68 U	0.036 U	0.035 U
PCB-1242	PCB-1242	0.035 U	68 U	0.036 U	0.035 U
PCB-1248	PCB-1248	0.035 U	68 U	0.036 U	0.035 U
PCB-1254	PCB-1254	0.14 =	830 =	0.036 U	0.035 U
PCB-1260	PCB-1260	0.035 UJ	68 U	0.036 U	0.035 U
Toxaphene	Toxaphene		17 U		
alpha-BHC	alpha-BHC		0.44 U		
alpha-Chlordane	alpha-Chlordane		0.62 J		
beta-BHC	beta-BHC		0.44 U		
delta-BHC	delta-BHC		0.44 R		
gamma-Chlordane	gamma-Chlordane		5 J		

Table I-37. Buildings and Structures Solids Pesticides and PCBs (continued)

Soil Beneath Building Floor Slabs Aggregate	Location	Floorsweep Samples Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate	Soil Beneath Building Floor Slabs Aggregate
LL3-109	Station	LL3-110	LL3-123	LL3-124	LL3-125
LL30831	Sample ID	LL30832	LL30869	LL30870	LL30871
LL3ss-109-0831-SO	Customer ID	LL3fs-110-0832-FS	LL3ss-123-0869-SO	LL3ss-124-0870-SO	LL3ss-125-0871-SO
08/08/2001	Date	08/20/2001	08/01/2001	08/01/2001	08/01/2001
0.0 - 1.0	Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0
Grab	Field Type	Grab	Grab	Grab	Grab
	Analyte (mg/kg)				
	4,4'-DDD	0.087 U			
	4,4'-DDE	2.6 =			
	4,4'-DDT	0.087 U			
	Aldrin	0.087 U			
	Dieldrin	0.16 J			
	Endosulfan I	0.087 U			
	Endosulfan II	0.087 U			
	Endosulfan sulfate	0.087 U			
	Endrin	0.087 UJ			
	Endrin aldehyde	1.1 J			
	Endrin ketone	0.087 U			
	Heptachlor	0.087 U			
	Heptachlor epoxide	0.087 U			
	Lindane	0.087 U			
	Methoxychlor	0.22 J			
0.035 U	PCB-1016	17 U	0.037 UJ	0.041 U	0.04 UJ
0.035 U	PCB-1221	17 U	0.037 U	0.041 U	0.04 U
0.035 U	PCB-1232	17 U	0.037 U	0.041 U	0.04 U
0.035 U	PCB-1242	17 U	0.037 U	0.041 U	0.04 U
0.035 U	PCB-1248	17 U	0.037 U	0.041 U	0.04 U
0.035 U	PCB-1254	120 =	0.21 J	0.041 U	0.04 U
0.035 U	PCB-1260	17 U	0.037 UJ	0.041 U	0.04 UJ
	Toxaphene	3.4 U			
	alpha-BHC	0.087 U			
	alpha-Chlordane	0.087 U			
	beta-BHC	0.087 U			
	delta-BHC	0.087 R			
	gamma-Chlordane	0.58 J			

Table I-37. Buildings and Structures Solids Pesticides and PCBs (continued)

Floorsweep Samples Aggregate	Location	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate
LL3-141	Station	LL3-155	LL3-155	LL3-208	LL3-210
LL30917	Sample ID	LL30957	LL31125	LL31050	LL31053
LL3fs-141-0917-FS	Customer ID	LL3sd-155-0957-SD	LL3sd-155-1125-SD	LL3sd-208-1050-SD	LL3sd-210-1053-SD
08/20/2001	Date	08/09/2001	08/09/2001	08/06/2001	08/06/2001
0.0 - 1.0	Depth (ft)	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5
Grab	Field Type	Grab	Field Duplicate	Grab	Grab
	Analyte (mg/kg)				
0.035 U	4,4'-DDD			0.032 U	0.078 U
0.78 J	4,4'-DDE			0.032 U	1.3 J
0.035 U	4,4'-DDT			0.032 U	0.32 J
0.035 U	Aldrin			0.032 U	0.091 J
0.04 J	Dieldrin			0.032 U	0.15 J
0.035 U	Endosulfan I			0.032 U	0.078 U
0.035 U	Endosulfan II			0.032 U	0.078 U
0.035 U	Endosulfan sulfate			0.032 U	0.078 U
0.035 UJ	Endrin			0.032 U	0.078 U
0.45 J	Endrin aldehyde			0.032 U	0.55 J
0.035 U	Endrin ketone			0.032 U	0.078 U
0.035 U	Heptachlor			0.032 U	0.078 U
0.035 U	Heptachlor epoxide			0.032 U	0.078 U
0.035 U	Lindane			0.032 U	0.078 U
0.2 J	Methoxychlor			0.063 U	0.39 =
3.4 U	PCB-1016	3.1 U	3.7 U	0.13 U	7.6 U
3.4 U	PCB-1221	3.1 U	3.7 U	0.13 U	7.6 U
3.4 U	PCB-1232	3.1 U	3.7 U	0.13 U	7.6 U
3.4 U	PCB-1242	3.1 U	3.7 U	0.13 U	7.6 U
3.4 U	PCB-1248	3.1 U	3.7 U	0.13 U	7.6 U
49 =	PCB-1254	23 =	15 =	0.13 U	110 =
3.4 U	PCB-1260	3.1 U	3.7 U	0.13 U	7.6 U
1.4 U	Toxaphene			1.3 U	3.1 U
0.035 U	alpha-BHC			0.032 U	0.078 U
0.038 J	alpha-Chlordane			0.032 U	0.078 U
0.035 U	beta-BHC			0.032 U	0.1 J
0.035 R	delta-BHC			0.032 U	0.078 U
0.26 J	gamma-Chlordane			0.032 U	0.078 U

Table I-37. Buildings and Structures Solids Pesticides and PCBs (continued)

Process Effluent Sumps Inside Buildings Aggregate	Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
LL3-210	Station	LL3-211	LL3-212
LL31122	Sample ID	LL31055	LL31057
LL3sd-210-1122 SD	Customer ID	LL3sd-211-1055-SD	LL3sd-212-1057-SD
08/06/2001	Date	08/06/2001	08/06/2001
0.0 - 0.5	Depth (ft)	0.0 - 0.5	0.0 - 0.5
Field Duplicate	Field Type	Grab	Grab
	Analyte (mg/kg)		
0.19 U	4,4'-DDD	0.011 U	0.0096 U
1.2 J	4,4'-DDE	0.048 J	0.01 J
0.31 J	4,4'-DDT	0.011 U	0.0096 U
0.19 U	Aldrin	0.011 U	0.0096 U
0.19 U	Dieldrin	0.011 =	0.0096 U
0.19 U	Endosulfan I	0.011 U	0.0096 U
0.19 U	Endosulfan II	0.011 U	0.0096 U
0.19 U	Endosulfan sulfate	0.011 U	0.0096 U
0.19 U	Endrin	0.011 U	0.0096 U
0.67 J	Endrin aldehyde	0.022 =	0.01 =
0.19 U	Endrin ketone	0.011 U	0.0096 U
0.19 U	Heptachlor	0.024 =	0.023 =
0.19 U	Heptachlor epoxide	0.011 U	0.0096 U
0.19 U	Lindane	0.011 U	0.0096 U
0.49 J	Methoxychlor	0.021 U	0.019 U
7.3 U	PCB-1016	0.21 U	0.19 U
7.3 U	PCB-1221	0.21 U	0.19 U
7.3 U	PCB-1232	0.21 U	0.19 U
7.3 U	PCB-1242	0.21 U	0.19 U
7.3 U	PCB-1248	0.21 U	0.19 U
95 =	PCB-1254	2.2 =	0.39 =
7.3 U	PCB-1260	0.21 U	0.19 U
7.4 U	Toxaphene	0.42 U	0.38 U
0.19 U	alpha-BHC	0.011 U	0.0096 U
0.19 U	alpha-Chlordane	0.011 U	0.0096 U
0.19 U	beta-BHC	0.011 U	0.0096 U
0.19 U	delta-BHC	0.011 U	0.0096 U
0.19 U	gamma-Chlordane	0.011 U	0.0096 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-38. Buildings and Structures Solids Semivolatile Organic Compounds

Location	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	LL3-096	LL3-110	LL3-141	LL3-208	LL3-210	LL3-210	LL3-211	LL3-212
Sample ID	LL30798	LL30832	LL30917	LL31050	LL31053	LL31122	LL31055	LL31057
Customer ID	LL3fs-096-0798-FS	LL3fs-110-0832-FS	LL3fs-141-0917-FS	LL3sd-208-1050-SD	LL3sd-210-1053-SD	LL3sd-210-1122-SD	LL3sd-211-1055-SD	LL3sd-212-1057-SD
Date	08/20/2001	08/20/2001	08/20/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Field Duplicate	Grab	Grab
Analyte (mg/kg)								
1,2,4-Trichlorobenzene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
1,2-Dichlorobenzene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
1,3-Dichlorobenzene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
1,4-Dichlorobenzene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
2,4,5-Trichlorophenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
2,4,6-Trichlorophenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
2,4-Dichlorophenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
2,4-Dimethylphenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
2,4-Dinitrophenol	0.82 UJ	8.2 UJ	4.1 UJ	3.1 UJ	18 UJ	18 UJ	5 UJ	4.5 UJ
2,4-Dinitrotoluene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	1.3 J	1.2 J	2.1 UJ	1.9 UJ
2,6-Dinitrotoluene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	2.2 J	1.8 J	2.1 UJ	1.9 UJ
2-Chloronaphthalene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
2-Chlorophenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
2-Methyl-4,6-dinitrophenol	0.82 UJ	8.2 UJ	4.1 UJ	3.1 UJ	18 UJ	18 UJ	5 UJ	4.5 UJ
2-Methylnaphthalene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
2-Methylphenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
2-Nitrobenzenamine	0.82 UJ	8.2 UJ	4.1 UJ	3.1 UJ	18 UJ	18 UJ	5 UJ	4.5 UJ
2-Nitrophenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
3,3'-Dichlorobenzidine	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
3-Nitrobenzenamine	0.82 UJ	8.2 UJ	4.1 UJ	3.1 UJ	18 UJ	18 UJ	5 UJ	4.5 UJ
4-Bromophenyl phenyl ether	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
4-Chloro-3-methylphenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
4-Chlorobenzenamine	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ

Table I-38. Buildings and Structures Solids Semivolatile Organic Compounds (continued)

Location	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	LL3-096	LL3-110	LL3-141	LL3-208	LL3-210	LL3-210	LL3-211	LL3-212
Sample ID	LL30798	LL30832	LL30917	LL31050	LL31053	LL31122	LL31055	LL31057
Customer ID	LL3fs-096-0798-FS	LL3fs-110-0832-FS	LL3fs-141-0917-FS	LL3sd-208-1050-SD	LL3sd-210-1053-SD	LL3sd-210-1122-SD	LL3sd-211-1055-SD	LL3sd-212-1057-SD
Date	08/20/2001	08/20/2001	08/20/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Field Duplicate	Grab	Grab
Analyte (mg/kg)								
4-Chlorophenyl phenyl ether	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
4-Methylphenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
4-Nitrobenzenamine	0.82 UJ	8.2 UJ	4.1 UJ	3.1 UJ	18 UJ	18 UJ	5 UJ	4.5 UJ
4-Nitrophenol	0.82 UJ	8.2 UJ	4.1 UJ	3.1 UJ	18 UJ	18 UJ	5 UJ	4.5 UJ
Acenaphthene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Acenaphthylene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Anthracene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Benz(a)anthracene	0.13 J	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Benzenemethanol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Benzo(a)pyrene	0.12 J	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Benzo(b)fluoranthene	0.28 J	3.4 UJ	1.7 UJ	1.3 UJ	1.9 J	2.2 J	2.1 UJ	1.9 UJ
Benzo(ghi)perylene	0.063 J	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Benzo(k)fluoranthene	0.083 J	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Benzoic acid	0.3 J	16 UJ	2.4 J	6.1 UJ	37 UJ	36 UJ	0.91 J	9 UJ
Bis(2-chloroethoxy)methane	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Bis(2-chloroethyl) ether	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Bis(2-chloroisopropyl) ether	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Bis(2-ethylhexyl)phthalate	0.89 J	8.3 J	2.6 J	1.3 UJ	2.5 J	2.3 J	2.1 UJ	1.9 UJ
Butyl benzyl phthalate	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Carbazole	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Chrysene	0.28 J	3.4 UJ	1.7 UJ	1.3 UJ	1.5 J	1 J	2.1 UJ	1.9 UJ
Di-n-butyl phthalate	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Di-n-octylphthalate	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ

Table I-38. Buildings and Structures Solids Semivolatile Organic Compounds (continued)

Location	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	LL3-096	LL3-110	LL3-141	LL3-208	LL3-210	LL3-210	LL3-211	LL3-212
Sample ID	LL30798	LL30832	LL30917	LL31050	LL31053	LL31122	LL31055	LL31057
Customer ID	LL3fs-096-0798-FS	LL3fs-110-0832-FS	LL3fs-141-0917-FS	LL3sd-208-1050-SD	LL3sd-210-1053-SD	LL3sd-210-1122-SD	LL3sd-211-1055-SD	LL3sd-212-1057-SD
Date	08/20/2001	08/20/2001	08/20/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Field Duplicate	Grab	Grab
Analyte (mg/kg)								
Dibenz(a,h)anthracene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Dibenzofuran	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Diethyl phthalate	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Dimethyl phthalate	0.34 UJ	3.4 UJ	0.83 J	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Fluoranthene	0.39 J	3.4 UJ	0.3 J	1.3 UJ	7.6 UJ	1.4 J	2.1 UJ	1.9 UJ
Fluorene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Hexachlorobenzene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Hexachlorobutadiene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Hexachlorocyclopentadiene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Hexachloroethane	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Indeno(1,2,3-cd)pyrene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Isophorone	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
N-Nitroso-di-n-propylamine	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
N-Nitrosodiphenylamine	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Naphthalene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Nitrobenzene	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Pentachlorophenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Phenanthrene	0.19 J	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Phenol	0.34 UJ	3.4 UJ	1.7 UJ	1.3 UJ	7.6 UJ	7.3 UJ	2.1 UJ	1.9 UJ
Pyrene	0.34 J	3.4 UJ	1.7 UJ	1.3 UJ	2 J	2.4 J	2.1 UJ	1.9 UJ

= - detected, J - estimated, U - not detected, R - rejected.

Table I-39. Buildings and Structures Solids Volatile Organic Compounds

Location	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	LL3-096	LL3-110	LL3-141	LL3-208	LL3-210	LL3-210	LL3-211	LL3-212
Sample ID	LL30798	LL30832	LL30917	LL31050	LL31053	LL31122	LL31055	LL31057
Customer ID	LL3fs-096-0798-FS	LL3fs-110-0832-FS	LL3fs-141-0917-FS	LL3sd-208-1050-SD	LL3sd-210-1053-SD	LL3sd-210-1122-SD	LL3sd-211-1055-SD	LL3sd-212-1057-SD
Date	08/20/2001	08/20/2001	08/20/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Field Duplicate	Grab	Grab
Analyte (mg/kg)								
1,1,1-Trichloroethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
1,1,2,2-Tetrachloroethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
1,1,2-Trichloroethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
1,1-Dichloroethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
1,1-Dichloroethene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
1,2-Dibromoethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
1,2-Dichloroethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
1,2-Dichloroethene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
1,2-Dichloropropane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
2-Butanone	0.021 UJ	0.021 UJ	0.02 U	0.016 J	0.046 U	0.044 U	0.12 U	0.11 U
2-Hexanone	0.021 U	0.021 U	0.02 U	0.076 U	0.046 U	0.044 U	0.12 U	0.11 U
4-Methyl-2-pentanone	0.021 U	0.021 U	0.02 U	0.076 U	0.046 U	0.044 U	0.12 U	0.11 U
Acetone	0.0029 J	0.021 UJ	0.02 U	0.041 J	0.046 U	0.044 U	0.031 J	0.019 J
Benzene	0.0052 U	0.0051 U	0.001 J	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Bromochloromethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Bromodichloromethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Bromoform	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Bromomethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Carbon disulfide	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Carbon tetrachloride	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Chlorobenzene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Chloroethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U

Table I-39. Buildings and Structures Solids Volatile Organic Compounds (continued)

Location	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Floorsweep Samples Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate
Station	LL3-096	LL3-110	LL3-141	LL3-208	LL3-210	LL3-210	LL3-211	LL3-212
Sample ID	LL30798	LL30832	LL30917	LL31050	LL31053	LL31122	LL31055	LL31057
Customer ID	LL3fs-096-0798-FS	LL3fs-110-0832-FS	LL3fs-141-0917-FS	LL3sd-208-1050-SD	LL3sd-210-1053-SD	LL3sd-210-1122-SD	LL3sd-211-1055-SD	LL3sd-212-1057-SD
Date	08/20/2001	08/20/2001	08/20/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/06/2001
Depth (ft)	0.0 - 1.0	0.0 - 1.0	0.0 - 1.0	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5	0.0 - 0.5
Field Type	Grab	Grab	Grab	Grab	Grab	Field Duplicate	Grab	Grab
Analyte (mg/kg)								
Chloroform	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Chloromethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Dibromochloromethane	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Dimethylbenzene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.018 J	0.028 U
Ethylbenzene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Methylene chloride	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Styrene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Tetrachloroethene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Toluene	0.0052 U	0.0051 U	0.0024 J	0.019 U	0.011 U	0.011 U	0.0066 J	0.028 U
Trichloroethene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
Vinyl chloride	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
cis-1,3-Dichloropropene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U
trans-1,3-Dichloropropene	0.0052 U	0.0051 U	0.0051 U	0.019 U	0.011 U	0.011 U	0.031 U	0.028 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-40. Buildings and Structures Liquids Inorganics

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate
Station	LL3-209	LL3-209	LL3-211	LL3-212	LL3-213	LL3-214
Sample ID	LL31052	LL31139	LL31056	LL31058	LL31060	LL31062
Customer ID	LL3sw-209-1052-SW	LL3sw-209-1139-SW	LL3sw-211-1056-SW	LL3sw-212-1058-SW	LL3sw-213-1060-SW	LL3sw-214-1062-SW
Date	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/07/2001	08/09/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/L)						
Aluminum	0.11 U	0.11 U	0.15 J	0.21 J	0.16 J	0.17 J
Antimony	0.0027 J	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Arsenic	0.015 U	0.015 U	0.015 U	0.019 =	0.015 U	0.015 U
Barium	0.027 =	0.028 =	0.019 =	0.0098 J	0.0076 J	0.0069 J
Beryllium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium	0.00052 J	0.00054 J	0.00034 J	0.005 U	0.005 U	0.005 U
Calcium	24.6 =	25 =	18.6 =	10.8 =	15.1 =	14.8 =
Chromium	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Cobalt	0.005 U	0.005 U	0.005 U	0.0017 U	0.005 U	0.005 U
Copper	0.02 =	0.021 =	0.014 =	0.048 =	0.018 =	0.018 =
Cyanide	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.037 =
Iron	0.3 U	0.3 U	0.11 =	0.24 =	0.5 =	0.5 =
Lead	0.01 U	0.01 U	0.0074 =	0.009 =	0.003 =	0.01 U
Magnesium	0.95 J	0.96 J	0.54 J	0.38 J	0.84 J	0.86 J
Manganese	0.0017 U	0.0016 U	0.0034 J	0.0047 J	0.0077 J	0.0093 J
Mercury	0.0002 U	0.0002 UJ	0.0002 UJ	0.0002 UJ	0.0002 U	0.0002 U
Nickel	0.025 U	0.025 U	0.025 U	0.0039 J	0.025 U	0.025 U
Potassium	32.9 =	33.3 =	19 =	69 =	29.9 =	30 =
Selenium	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U
Silver	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	10.9 =	11.2 =	7.2 =	50.9 =	3.7 J	4.2 U
Thallium	0.002 UJ	0.002 U	0.002 UJ	0.002 UJ	0.002 UJ	0.002 UJ
Vanadium	0.007 U	0.007 U	0.007 U	0.0031 J	0.007 U	0.007 U
Zinc	0.056 =	0.064 =	0.046 =	0.035 =	0.091 =	0.089 =

= - detected, J - estimated, U - not detected, R - rejected.

Table I-41. Buildings and Structures Liquids Explosives and Propellants

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate
Station	LL3-209	LL3-209	LL3-211	LL3-212	LL3-213	LL3-214
Sample ID	LL31052	LL31139	LL31056	LL31058	LL31060	LL31062
Customer ID	LL3sw-209-1052-SW	LL3sw-209-1139-SW	LL3sw-211-1056-SW	LL3sw-212-1058-SW	LL3sw-213-1060-SW	LL3sw-214-1062-SW
Date	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/07/2001	08/09/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/L)						
1,3,5-Trinitrobenzene	0.00022 U	0.0003 =	0.001 =	0.0002 U	0.0023 J	0.0022 J
1,3-Dinitrobenzene	0.0002 U	0.0002 U	0.0006 U	0.0002 U	0.003 U	0.004 U
2,4,6-Trinitrotoluene	0.075 =	0.067 =	0.18 =	0.0013 =	0.98 =	1 =
2,4-Dinitrotoluene	0.00041 U	0.00041 U	0.00039 U	0.00013 U	0.002 U	0.0026 U
2,6-Dinitrotoluene	0.002 U	0.0091 U	0.0045 U	0.00013 U	0.002 U	0.0026 U
2-Amino-4,6-dinitrotoluene	0.038 =	0.044 =	0.05 =	0.005 =	0.07 =	0.077 =
2-Nitrotoluene	0.0002 U	0.0002 U	0.0006 U	0.0002 U	0.003 U	0.004 U
3-Nitrotoluene	0.00029 U	0.0002 U	0.0006 U	0.0002 U	0.003 U	0.004 U
4-Amino-2,6-dinitrotoluene	0.083 =	0.091 =	0.13 =	0.015 =	0.28 U	0.34 U
4-Nitrotoluene	0.0002 U	0.0002 U	0.0006 U	0.0002 U	0.003 U	0.004 U
HMX	0.0047 U	0.0032 =	0.0015 U	0.0005 U	0.0075 U	0.01 U
Nitrobenzene	0.0002 U	0.0002 U	0.0006 U	0.0002 U	0.003 U	0.004 U
Nitrocellulose	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	0.0025 U	0.0025 U	0.0075 U	0.0025 U	0.038 U	0.05 U
Nitroguanidine	0.009 J	0.012 J	0.02 U	0.02 U	0.02 U	0.02 U
RDX	0.012 =	0.014 =	0.0018 =	0.0004 J	0.0075 U	0.01 U
Tetryl	0.0002 U	0.0002 U	0.0006 U	0.0002 U	0.003 U	0.004 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-42. Buildings and Structures Liquids Pesticides and PCBs

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate
Station	LL3-209	LL3-209	LL3-211	LL3-212	LL3-213	LL3-214
Sample ID	LL31052	LL31139	LL31056	LL31058	LL31060	LL31062
Customer ID	LL3sw-209-1052-SW	LL3sw-209-1139-SW	LL3sw-211-1056-SW	LL3sw-212-1058-SW	LL3sw-213-1060-SW	LL3sw-214-1062-SW
Date	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/07/2001	08/09/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/L)						
4,4'-DDD	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
4,4'-DDE	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
4,4'-DDT	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Aldrin	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Dieldrin	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Endosulfan I	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Endosulfan II	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Endosulfan sulfate	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Endrin	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Endrin aldehyde	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Endrin ketone	0.0025 U	0.0025 U	0.000055 =	0.00005 U	0.0025 U	0.0025 U
Heptachlor	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Heptachlor epoxide	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Lindane	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
Methoxychlor	0.005 U	0.005 U	0.0001 U	0.0001 U	0.005 U	0.005 U
PCB-1016	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U
PCB-1221	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1242	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1248	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 U	0.00065 =	0.0005 U	0.0005 U	0.0005 U
PCB-1260	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 UJ	0.0005 U
Toxaphene	0.1 U	0.1 U	0.002 U	0.002 U	0.1 U	0.1 U
alpha-BHC	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
alpha-Chlordane	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
beta-BHC	0.0025 U	0.0025 U	0.00005 U	0.000069 J	0.0025 U	0.0025 U
delta-BHC	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U
gamma-Chlordane	0.0025 U	0.0025 U	0.00005 U	0.00005 U	0.0025 U	0.0025 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-43. Buildings and Structures Liquids Semivolatile Organic Compounds

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate
Station	LL3-209	LL3-209	LL3-211	LL3-212	LL3-213	LL3-214
Sample ID	LL31052	LL31139	LL31056	LL31058	LL31060	LL31062
Customer ID	LL3sw-209-1052-SW	LL3sw-209-1139-SW	LL3sw-211-1056-SW	LL3sw-212-1058-SW	LL3sw-213-1060-SW	LL3sw-214-1062-SW
Date	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/07/2001	08/09/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/L)						
1,2,4-Trichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitrophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 R
3-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table I-43. Buildings and Structures Liquids Semivolatile Organic Compounds (continued)

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate
Station	LL3-209	LL3-209	LL3-211	LL3-212	LL3-213	LL3-214
Sample ID	LL31052	LL31139	LL31056	LL31058	LL31060	LL31062
Customer ID	LL3sw-209-1052-SW	LL3sw-209-1139-SW	LL3sw-211-1056-SW	LL3sw-212-1058-SW	LL3sw-213-1060-SW	LL3sw-214-1062-SW
Date	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/07/2001	08/09/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/L)						
4-Chloro-3-methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorobenzamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methylphenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrobenzamine	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
4-Nitrophenol	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benz(a)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzenemethanol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(ghi)perylene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Benzoic acid	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U	0.035 U
Bis(2-chloroethoxy)methane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroethyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Butyl benzyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Carbazole	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Chrysene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

Table I-43. Buildings and Structures Liquids Semivolatile Organic Compounds (continued)

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate
Station	LL3-209	LL3-209	LL3-211	LL3-212	LL3-213	LL3-214
Sample ID	LL31052	LL31139	LL31056	LL31058	LL31060	LL31062
Customer ID	LL3sw-209-1052-SW	LL3sw-209-1139-SW	LL3sw-211-1056-SW	LL3sw-212-1058-SW	LL3sw-213-1060-SW	LL3sw-214-1062-SW
Date	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/07/2001	08/09/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/L)						
Di-n-butyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octylphthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 UJ
Dimethyl phthalate	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 UJ	0.01 R
Fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 R	0.01 R	0.01 R	0.01 R	0.01 R	0.01 U
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitroso-di-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-44. Buildings and Structures Liquids Volatile Organic Compounds

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate
Station	LL3-209	LL3-209	LL3-211	LL3-212	LL3-213	LL3-214
Sample ID	LL31052	LL31139	LL31056	LL31058	LL31060	LL31062
Customer ID	LL3sw-209-1052-SW	LL3sw-209-1139-SW	LL3sw-211-1056-SW	LL3sw-212-1058-SW	LL3sw-213-1060-SW	LL3sw-214-1062-SW
Date	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/07/2001	08/09/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/L)						
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.01 UJ	0.00092 J	0.01 UJ	0.00083 J	0.01 UJ	0.01 UJ
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table I-44. Buildings and Structures Liquids Volatile Organic Compounds (continued)

Location	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Process Effluent Sumps Inside Buildings Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate	Pink Water and Washdown Sedimentation Sumps Aggregate
Station	LL3-209	LL3-209	LL3-211	LL3-212	LL3-213	LL3-214
Sample ID	LL31052	LL31139	LL31056	LL31058	LL31060	LL31062
Customer ID	LL3sw-209-1052-SW	LL3sw-209-1139-SW	LL3sw-211-1056-SW	LL3sw-212-1058-SW	LL3sw-213-1060-SW	LL3sw-214-1062-SW
Date	08/06/2001	08/06/2001	08/06/2001	08/06/2001	08/07/2001	08/09/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Grab	Field Duplicate	Grab	Grab	Grab	Grab
Analyte (mg/L)						
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

= - detected, J - estimated, U - not detected, R - rejected.

Table I-45. Quality Control Results for Inorganics Constituents

Station	QC	QC	QC	QC
Sample ID	LL31163	LL31164	LL31165	LL31166
Date	08/07/2001	08/09/2001	09/19/2001	08/08/2001
Filtered	Total	Total	Total	Total
Field Type	Equipment Rinsate	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte (mg/L)				
Cyanide	0.01 U	0.01 U	0.01 U	0.01 U
Aluminum	0.056 U	0.078 U	0.065 U	0.056 U
Antimony	0.01 U	0.01 U	0.01 U	0.01 U
Arsenic	0.015 U	0.015 U	0.015 U	0.015 U
Barium	0.01 U	0.01 U	0.01 U	0.01 U
Beryllium	0.005 U	0.005 U	0.005 U	0.005 U
Cadmium	0.005 U	0.005 U	0.005 U	0.005 U
Calcium	5 U	5 U	5 U	5 U
Chromium	0.005 U	0.0043 J	0.005 U	0.005 U
Cobalt	0.005 U	0.005 U	0.005 U	0.005 U
Copper	0.015 U	0.015 U	0.015 U	0.015 U
Iron	0.3 U	0.3 U	0.3 U	0.3 U
Lead	0.01 U	0.01 U	0.01 U	0.01 U
Magnesium	5 U	5 U	5 U	5 U
Manganese	0.015 U	0.012 J	0.0018 U	0.015 U
Mercury	0.0002 UJ	0.0002 U	0.0002 U	0.0002 U
Nickel	0.0022 J	0.026 =	0.025 U	0.025 U
Potassium	0.16 U	0.17 U	0.18 U	0.17 U
Selenium	0.02 U	0.02 U	0.02 U	0.02 U
Silver	0.005 U	0.005 U	0.005 U	0.005 U
Sodium	5 U	5 U	5 U	5 U
Thallium	0.002 UJ	0.002 UJ	0.002 U	0.002 UJ
Vanadium	0.007 U	0.007 U	0.007 U	0.007 U
Zinc	0.04 U	0.04 U	0.013 J	0.04 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-46. Quality Control Results for Propellants and Explosives Constituents

Station	QC	QC	QC	QC
Sample ID	LL31163	LL31164	LL31165	LL31166
Date	08/07/2001	08/09/2001	09/19/2001	08/08/2001
Filtered	Total	Total	Total	Total
Field Type	Equipment Rinsate	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte (mg/L)				
1,3,5-Trinitrobenzene	0.0002 U	0.0002 U	0.00025 U	0.0002 U
1,3-Dinitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.0002 U
2,4,6-Trinitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U
2,4-Dinitrotoluene	0.00013 U	0.00013 U	0.00013 U	0.00013 U
2,6-Dinitrotoluene	0.00013 U	0.00013 U	0.00013 U	0.00013 U
2-Amino-4,6-dinitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U
2-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U
3-Nitrotoluene	0.0002 U	0.0002 U	0.00022 U	0.0002 U
4-Amino-2,6-dinitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U
4-Nitrotoluene	0.0002 U	0.0002 U	0.0002 U	0.0002 U
HMX	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Nitrobenzene	0.0002 U	0.0002 U	0.0002 U	0.0002 U
Nitrocellulose	0.5 U	0.5 U	0.5 U	0.5 U
Nitroglycerin	0.0025 U	0.0025 U	0.0025 U	0.0025 U
Nitroguanidine	0.02 U	0.02 U	0.02 UJ	0.02 U
RDX	0.0005 U	0.0005 U	0.0005 U	0.0005 U
Tetryl	0.0002 U	0.0002 U	0.0002 U	0.0002 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-47. Quality Control Results for Pesticide/PCB Constituents

Station	QC	QC	QC	QC
Sample ID	LL31163	LL31164	LL31165	LL31166
Date	08/07/2001	08/09/2001	09/19/2001	08/08/2001
Filtered	Total	Total	Total	Total
Field Type	Equipment Rinsate	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte (mg/L)				
4,4'-DDD	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDE	0.00005 U	0.00005 U	0.00005 U	0.00005 U
4,4'-DDT	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Aldrin	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Dieldrin	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan I	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan II	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endosulfan sulfate	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin aldehyde	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Endrin ketone	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Heptachlor epoxide	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Lindane	0.00005 U	0.00005 U	0.00005 U	0.00005 U
Methoxychlor	0.0001 U	0.0001 U	0.0001 U	0.0001 U
PCB-1016	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ
PCB-1221	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1232	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1242	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1248	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1254	0.0005 U	0.0005 U	0.0005 U	0.0005 U
PCB-1260	0.0005 UJ	0.0005 U	0.0005 U	0.0005 UJ
Toxaphene	0.002 U	0.002 U	0.002 U	0.002 U
alpha-BHC	0.00005 U	0.00005 U	0.00005 U	0.00005 U
alpha-Chlordane	0.00005 U	0.00005 U	0.00005 U	0.00005 U
beta-BHC	0.00005 U	0.00005 U	0.00005 U	0.00005 U
delta-BHC	0.00005 U	0.00005 U	0.00005 U	0.00005 U
gamma-Chlordane	0.00005 U	0.00005 U	0.00005 U	0.00005 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-48. Quality Control Results for Semivolatile Organic Constituents

Station	QC	QC	QC	QC
Sample ID	LL31163	LL31164	LL31165	LL31166
Date	08/07/2001	08/09/2001	09/19/2001	08/08/2001
Filtered	Total	Total	Total	Total
Field Type	Equipment Rinsate	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte (mg/L)				
1,2,4-Trichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U
1,2-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U
1,3-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U
1,4-Dichlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U
2,4,5-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U
2,4,6-Trichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dichlorophenol	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dimethylphenol	0.01 U	0.01 U	0.01 U	0.01 U
2,4-Dinitrophenol	0.025 U	0.025 U	0.025 U	0.025 U
2,4-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U
2,6-Dinitrotoluene	0.01 U	0.01 U	0.01 U	0.01 U
2-Chloronaphthalene	0.01 U	0.01 U	0.01 U	0.01 U
2-Chlorophenol	0.01 U	0.01 U	0.01 U	0.01 U
2-Methyl-4,6-dinitrophenol	0.025 U	0.025 U	0.025 U	0.025 U
2-Methylnaphthalene	0.01 U	0.01 U	0.01 U	0.01 U
2-Methylphenol	0.01 U	0.01 U	0.01 U	0.01 U
2-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U
2-Nitrophenol	0.01 U	0.01 U	0.01 U	0.01 U
3,3'-Dichlorobenzidine	0.025 U	0.025 R	0.025 U	0.025 R
3-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U
4-Bromophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U
4-Chloro-3-methylphenol	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorobenzenamine	0.01 U	0.01 U	0.01 U	0.01 U
4-Chlorophenyl phenyl ether	0.01 U	0.01 U	0.01 U	0.01 U
4-Methylphenol	0.01 U	0.01 U	0.01 U	0.01 U
4-Nitrobenzenamine	0.025 U	0.025 U	0.025 U	0.025 U
4-Nitrophenol	0.025 U	0.025 U	0.025 U	0.025 U
Acenaphthene	0.01 U	0.01 U	0.01 U	0.01 U
Acenaphthylene	0.01 U	0.01 U	0.01 U	0.01 U
Anthracene	0.01 U	0.01 U	0.01 U	0.01 U
Benz(a)anthracene	0.01 U	0.01 U	0.01 U	0.01 U
Benzenemethanol	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(a)pyrene	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(b)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(ghi)perylene	0.01 U	0.01 U	0.01 U	0.01 U
Benzo(k)fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U
Benzoic acid	0.035 U	0.035 R	0.035 U	0.035 U
Bis(2-chloroethoxy)methane	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroethyl) ether	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-chloroisopropyl) ether	0.01 U	0.01 U	0.01 U	0.01 U
Bis(2-ethylhexyl)phthalate	0.0074 J	0.01 U	0.01 U	0.01 U
Butyl benzyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U
Carbazole	0.01 U	0.01 U	0.01 U	0.01 U

Table I-48. Quality Control Results for Semivolatile Organic Constituents (continued)

Station	QC	QC	QC	QC
Sample ID	LL31163	LL31164	LL31165	LL31166
Date	08/07/2001	08/09/2001	09/19/2001	08/08/2001
Filtered	Total	Total	Total	Total
Field Type	Equipment Rinsate	Equipment Rinsate	Equipment Rinsate	Source Water Blank
Analyte (mg/L)				
Chrysene	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-butyl phthalate	0.01 U	0.01 U	0.01 U	0.01 U
Di-n-octylphthalate	0.01 U	0.01 U	0.01 U	0.01 U
Dibenz(a,h)anthracene	0.01 U	0.01 U	0.01 U	0.01 U
Dibenzofuran	0.01 U	0.01 U	0.01 U	0.01 U
Diethyl phthalate	0.01 U	0.01 UJ	0.01 UJ	0.01 U
Dimethyl phthalate	0.01 UJ	0.01 R	0.01 UJ	0.01 R
Fluoranthene	0.01 U	0.01 U	0.01 U	0.01 U
Fluorene	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobenzene	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorobutadiene	0.01 U	0.01 U	0.01 U	0.01 U
Hexachlorocyclopentadiene	0.01 R	0.01 R	0.01 R	0.01 R
Hexachloroethane	0.01 U	0.01 U	0.01 U	0.01 U
Indeno(1,2,3-cd)pyrene	0.01 U	0.01 U	0.01 U	0.01 U
Isophorone	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitroso-di-n-propylamine	0.01 U	0.01 U	0.01 U	0.01 U
N-Nitrosodiphenylamine	0.01 U	0.01 U	0.01 U	0.01 U
Naphthalene	0.01 U	0.01 U	0.01 U	0.01 U
Nitrobenzene	0.01 U	0.01 U	0.01 U	0.01 U
Pentachlorophenol	0.01 U	0.01 U	0.01 U	0.01 U
Phenanthrene	0.01 U	0.01 U	0.01 U	0.01 U
Phenol	0.01 U	0.01 U	0.01 U	0.01 U
Pyrene	0.01 U	0.01 U	0.01 U	0.01 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

Table I-49. Quality Control Results for Volatile Organic Constituents

Station	QC	QC	QC	QC	QC	QC
Sample ID	LL31163	LL31164	LL31165	LL31166	LL31167	LL31168
Date	08/07/2001	08/09/2001	09/19/2001	08/08/2001	09/18/2001	08/06/2001
Filtered	Total	Total	Total	Total	Total	Total
Field Type	Equipment Rinsate	Equipment Rinsate	Equipment Rinsate	Source Water Blank	Trip Blank	Trip Blank
Analyte (mg/L)						
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.00069 J	0.00045 J	0.01 U	0.01 U	0.00085 J
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.12 J	0.072 UJ	0.024 =	0.01 UJ	0.01 U	0.011 J
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.008 =	0.0032 =	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Toluene	0.001 U	0.001 U	0.001 U	0.001 U	0.00054 J	0.00028 J
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

Table I-49. Quality Control Results for Volatile Organic Constituents (continued)

Station	QC	QC	QC	QC	QC
Sample ID	LL31168A	LL31169	LL31170	LL31172	LL31173
Date	09/20/2001	08/08/2001	09/10/2001	01/22/2002	02/25/2002
Filtered	Total	Total	Total	Total	Total
Field Type	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
Analyte (mg/L)					
1,1,1-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2,2-Tetrachloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1,2-Trichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,1-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.00027 J
1,2-Dibromoethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
1,2-Dichloropropane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
2-Butanone	0.01 U	0.01 U	0.01 U	0.00067 J	0.01 U
2-Hexanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
4-Methyl-2-pentanone	0.01 U	0.01 U	0.01 U	0.01 U	0.01 U
Acetone	0.022 J	0.015 J	0.01 UJ	0.029 =	0.01 UJ
Benzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromodichloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Bromoform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Bromomethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon disulfide	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Carbon tetrachloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chlorobenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloroform	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Chloromethane	0.001 U	0.001 U	0.001 U	0.00044 J	0.001 U
Dibromochloromethane	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Dimethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Ethylbenzene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Methylene chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Styrene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Tetrachloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 UJ
Toluene	0.00023 J	0.00023 J	0.00051 J	0.001 U	0.001 U
Trichloroethene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
Vinyl chloride	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
cis-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U
trans-1,3-Dichloropropene	0.001 U	0.001 U	0.001 U	0.001 U	0.001 U

= - detected, J - estimated, U - not detected, R - rejected, QC-quality control.

CHAIN OF CUSTODY RECORDS

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.	
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd	
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumbak</i>		(Printed Name) Vicki Brumbak														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	
LL30706	7/31/01	1025	soil	X		X						X					1
LL30696*	7/31/01	1110	soil	X			X			X		X					1
LL30702	7/31/01	1435	soil	X			X					X					1
LL30705	7/31/01	1015	soil	X			X					X					1
LL30722	7/31/01	1645	soil	X			X					X					1
LL30719	7/31/01	1610	soil	X			X					X					1
LL30707*	7/31/01	0940	soil	X			X		X	X		X					4
LL30699	7/31/01	1410	soil	X			X		X	X	X	X					4
LL30693*	7/31/01	0900	soil	X		X	X		X	X	X	X					4
LL30723	7/31/01	1700	soil	X								X					2
LL30710	7/31/01	1540	soil	X		X			X	X	X	X					3
LL30693	vjb																
LL31121*	7/31/01	0900	soil	X		X	X		X	X	X	X					4

check to see if field lab has correct #

1/1/1

Field Lab TNT result = 138 ppm

Field Lab TNT result = 4,211 ppm

Field Lab TNT result = 29.2 ppm

DUPLICATE

RELINQUISHED BY: <i>Vicki Brumbak</i>		Date/Time 8/1/01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF Cooler ID: J 921	Cooler Temperature: 4°C FEDEX NUMBER: NA - Courier pickup
COMPANY NAME: SAIC		1615	COMPANY NAME:				
RECEIVED BY: <i>Kevin Jago</i>		Date/Time 8-1-01	RELINQUISHED BY:		Date/Time	* Field Lab TNT Result > 1 ppm	
COMPANY NAME:		1615	COMPANY NAME:				
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time		
COMPANY NAME:			COMPANY NAME:				

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI DELIVERY ORDER NUMBER: ECAS 186 PROJECT MANAGER: Kevin Jago 865-481-4614 Sampler (Signature): <i>Vicki Brumback</i> (Printed Name) 	REQUESTED PARAMETERS SOIL	LABORATORY NAME: Severn Trent Laboratories, Inc. LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd PHONE NO: 330-497-9396
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Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr + 6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As + 3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS
LL30796	8/1/01	0825	soil	X			X					X				3	
LL31127	8/1/01	0845	soil	X			X					X				2	
LL30784	8/1/01	0845	soil	X			X					X				3	
LL30797	8/1/01	0815	soil	X			X					X				2	
LL30871	8/1/01	0900	soil	X			X					X				2	
LL30869	8/1/01	0835	soil	X			X					X				3	
LL30866	8/1/01	0945	soil	X			X					X				2	
LL30870	8/1/01	0845	soil	X			X					X				2	

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RELINQUISHED BY: <i>Vicki Brumback</i>	Date/Time 8/1/01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF Cooler ID: J921	Cooler Temperature: 4°C FEDEX NUMBER: NA - Courier pickup
COMPANY NAME: SAIC	1615	COMPANY NAME:			
RECEIVED BY: <i>AK Hendrix</i>	Date/Time 8-1-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	1615	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd					
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	PHONE NO: 330-497-9396				
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS				
Sample ID	Date Collected	Time Collected	Matrix														RUN MS/MSD Duplicate dup of LL31053 Duplicate dup of LL30775				
LL30863	8/6/01	1130	soil	X		X			X	X	X	X									3
LL30851	8/6/01	1040	soil	X		X			X	X	X	X									3
LL30778	8/6/01	1145	soil	X					X	X	X										3
LL30772	8/6/01	1040	soil	X		X			X	X	X	X									3
LL31050	8/6/01	1205	sediment	X			X	X	X	X	X										4
LL30884	8/6/01	1205	soil	X							X										2
LL31053	8/6/01	1524	sediment	X			X	X	X	X	X										4
LL31122	8/6/01	1524	sediment	X		X			X	X	X										4
LL30781	8/6/01	1510	soil	X							X										2
LL30793	8/6/01	1445	soil	X							X										2
LL30775	8/6/01	1415	soil	X							X										2
LL31135	8/6/01	1415	soil	X							X										2
LL30763	8/6/01	1540	soil	X				X	X	X	X						3				
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 8/7/01	RECEIVED BY:		Date/Time		TOTAL NUMBER OF <i>See p 2 of 2</i>				Cooler Temperature: 4°C										
COMPANY NAME: SAIC		1700	COMPANY NAME:				Cooler ID: J736				FEDEX NUMBER: NA- Courier pickup										
RECEIVED BY: <i>DO Haidt</i>		Date/Time 8-7-01	RELINQUISHED BY:		Date/Time		* original sample associated with this duplicate had a field Lab TNT result of 863 ppm.														
COMPANY NAME:		1700	COMPANY NAME:																		
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																
COMPANY NAME:			COMPANY NAME:																		

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.					
DELIVERY ORDER NUMBER: ECAS 186				SOIL														LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd					
PROJECT MANAGER: Kevin Jago 865-481-4614				No. of Containers	Sampler (Signature)		(Printed Name)		TAL Metals		Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Vicki Brumback Vicki Brumback																							
Sample ID	Date Collected	Time Collected	Matrix																				
LL30769	8/6/01	1355	soil	X												X						2	
LL30881	8/6/01	1536	soil	X												X						2	
LL30860	8/6/01	1635	soil	X												X						2	
L30887	8/6/01	1455	soil	X												X						2	
L31055	8/6/01	1745	sediment	X			X	X	X	X	X					X						4	
_____ _____ _____				_____ _____ _____																			
RELINQUISHED BY: Vicki Brumback				RECEIVED BY:				Date/Time				TOTAL NUMBER OF 48				Cooler Temperature: 4°C							
COMPANY NAME: SAIC				COMPANY NAME:				Date/Time				Cooler ID: J736				FEDEX NUMBER: NA - Courier pickup							
RECEIVED BY: A. Haidt				RELINQUISHED BY:				Date/Time															
COMPANY NAME: 1700				COMPANY NAME:				Date/Time															
RELINQUISHED BY:				RECEIVED BY:				Date/Time															
COMPANY NAME:				COMPANY NAME:				Date/Time															

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI REQUESTED PARAMETERS

DELIVERY ORDER NUMBER: ECAS 186 WATER

PROJECT MANAGER: Kevin Jago 865-481-4614

LABORATORY NAME: Severn Trent Laboratories, Inc.

LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd

PHONE NO: 330-497-9396

Sampler (Signature) Vicki Brumback (Printed Name) Vicki Brumback

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL31052	8/6/01	1426	water	3	2	2	2	1	1	2	2		3
LL31060	8/7/01	1011	water	3									3
LL31058	8/6/01	1636	water	3									3
LL31168	8/6/01	1313	water	2									3
LL31056	8/6/01	1728	water	3									2
LL31139	8/6/01	1426	water	3									3
LL31163	8/7/01	0745	water	3									3
LL31087	8/7/01	1101	water	3									3
60 8/7/01													

15 y'b
TRIP BLANK
dup of LL31052
EQUIP. RUNSEATE

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RELINQUISHED BY: Vicki Brumback	Date/Time 8/7/01 1700	RECEIVED BY:	Date/Time	TOTAL NUMBER OF Cooler ID: 681	Cooler Temperature: 4°C
COMPANY NAME: SAIC		COMPANY NAME:		FEDEX NUMBER: NA - Courier pickup	
RECEIVED BY: R. H. Hurdet	Date/Time 8-7-01 1700	RELINQUISHED BY:	Date/Time	VOCS for LL31052 are in cooler # 2 y'b	
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd				
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	PHONE NO: 330-497-9396			
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
Sample ID	Date Collected	Time Collected	Matrix																	
LL31057	8/6/01	1711	Sediment	X				X	X	X	X	X								4
1-176																				
RELINQUISHED BY: <i>Vicki Brumbach</i>				RECEIVED BY:				TOTAL NUMBER OF				Cooler Temperature:								
Date/Time 8/17/01				Date/Time				39				4°C								
COMPANY NAME: SAIC				COMPANY NAME:				Cooler ID:				FEDEX NUMBER:								
1700								G81				NA - Courier pickup								
RECEIVED BY: <i>Al Hixit</i>				RELINQUISHED BY:																
Date/Time 8-7-01				Date/Time																
COMPANY NAME: 1700				COMPANY NAME:																
RELINQUISHED BY:				RECEIVED BY:																
Date/Time				Date/Time																
COMPANY NAME:				COMPANY NAME:																

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS										LABORATORY NAME: Severn Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: ECAS 186				WATER										LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd							
PROJECT MANAGER: Kevin Jago 865-481-4614														PHONE NO: 330-497-9396							
Sampler (Signature) <i>Uehli Brumbach</i>		(Printed Name) Vicki Brumbach												OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS							
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals									No. of Containers
LL31139	8/6/01	1426	water	2	2	2	1	1	2	2											12
<i>4/6 8/7/01</i>																					
RELINQUISHED BY: <i>Uehli Brumbach</i>				Date/Time 8/7/01		RECEIVED BY:				Date/Time		TOTAL NUMBER OF Cooler ID: 5835		Cooler Temperature: 4°C							
COMPANY NAME: SAIC				1700		COMPANY NAME:								FEDEX NUMBER: NA Courier pickup							
RECEIVED BY: <i>al Haidet</i>				Date/Time 8-7-01		RELINQUISHED BY:				Date/Time		VOCs for LL31139 are in cooler # 601									
COMPANY NAME:				1700		COMPANY NAME:															
RELINQUISHED BY:				Date/Time		RECEIVED BY:				Date/Time											
COMPANY NAME:						COMPANY NAME:															

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Savern Trent Laboratories, Inc.								
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd								
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals								No. of Containers	PHONE NO: 330-497-9396			
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
Sample ID	Date Collected	Time Collected	Matrix																					
LL31163	8/7/01	0745	water		2	2	2	1	2	2											12	EQUIPMENT RINSEATE		
<i>VJB 8/7/01</i>																								
RELINQUISHED BY: <i>Vicki Brumback</i>				RECEIVED BY:				TOTAL NUMBER OF 12				Cooler Temperature: 4°C												
COMPANY NAME: SAIC				COMPANY NAME:				Cooler ID: JB27				FEDEX NUMBER: NA - Courier pickup												
RECEIVED BY: <i>Al Haidat</i>				RELINQUISHED BY:				VOCs for LL31163 are in cooler # G81.																
COMPANY NAME: 				COMPANY NAME:																				
RELINQUISHED BY:				RECEIVED BY:																				
COMPANY NAME:				COMPANY NAME:																				

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.											
				WATER																									
DELIVERY ORDER NUMBER: ECAS 186				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals								No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd								
PROJECT MANAGER: Kevin Jago 865-481-4614																					PHONE NO: 330-497-9396								
Sampler (Signature) <i>Uehli Brumbach</i> (Printed Name) <i>Vicki Brumbach</i>																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS								
Sample ID	Date Collected	Time Collected	Matrix																										
U31056	8/6/01	1728	water	2	2	2	1	1	2	2											12								
 <div style="float: left; margin-right: 10px;">I-179</div> <div style="float: right; margin-left: 10px;">8-7-01</div> 																													
RELINQUISHED BY: <i>Uehli Brumbach</i> COMPANY NAME: SAIC				RECEIVED BY: COMPANY NAME:				Date/Time: 8-7-01 1700				TOTAL NUMBER OF 12 Cooler ID: K173				Cooler Temperature: 4°C FEDEX NUMBER: NA-Connex pickup													
RECEIVED BY: <i>Al Haidt</i> COMPANY NAME:				RELINQUISHED BY: COMPANY NAME:				Date/Time: 8-7-01 1700				VOCs for U31056 are in cooler GB1.																	
RELINQUISHED BY: COMPANY NAME: J.				RECEIVED BY: COMPANY NAME:				Date/Time:																					

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.		
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd		
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	PHONE NO: 330-497-9396				
Sampler (Signature) <i>Uzlin Brumbach</i>		(Printed Name) Vicki Brumback												OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS				
Sample ID	Date Collected	Time Collected	Matrix															
LL31058	8/6/01	1636	Water	2	2	2	1	1	2	2							2	
 <div style="display: flex; justify-content: space-between; align-items: center;"> I-180 <div style="text-align: center;"> <p>8/6</p> <p>8/17/01</p> </div> </div> 																		
RELINQUISHED BY: <i>Uzlin Brumbach</i>		Date/Time 8/7/01		RECEIVED BY:				Date/Time		TOTAL NUMBER OF 12		Cooler Temperature: 4°C						
COMPANY NAME: SAIC		1700		COMPANY NAME:						Cooler ID: A36		FEDEX NUMBER: NA - Courier pickup						
RECEIVED BY: <i>Al Haidt</i>		Date/Time 8-7-01		RELINQUISHED BY:				Date/Time		VOCs for LL31058 are in cooler # G81.								
COMPANY NAME:		1700		COMPANY NAME:														
RELINQUISHED BY:		Date/Time		RECEIVED BY:				Date/Time										
COMPANY NAME:				COMPANY NAME:														

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) *Uli Brumbach* (Printed Name) Vicki Brumbach

Sample ID	Date Collected	Time Collected	Matrix
LL31060	8-7-01	1011	Water

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REQUESTED PARAMETERS

WATER

VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals												No. of Containers
																				12

LABORATORY NAME:
Severn Trent Laboratories, Inc.

LABORATORY ADDRESS:
4101 Shuffel Drive NW
North Canton, Ohio 44720
Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS,
SPECIAL INSTRUCTIONS

RELINQUISHED BY:
Uli Brumbach
COMPANY NAME:
SAIC

Date/Time
8/7/01
1700

RECEIVED BY:
COMPANY NAME:

Date/Time

TOTAL NUMBER OF 17
Cooler ID: K222

Cooler Temperature: 4°C
FEDEX NUMBER:
NA- Courier pickup

RECEIVED BY:
al Naidit
COMPANY NAME:

Date/Time
8-7-01
1700

RELINQUISHED BY:
COMPANY NAME:

Date/Time

RELINQUISHED BY:
COMPANY NAME:

Date/Time

RECEIVED BY:
COMPANY NAME:

Date/Time

VOCs for LL31060 are in cooler # G81.

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.															
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd															
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396															
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback		TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS														
Sample ID	Date Collected	Time Collected	Matrix														MS/MSD on metals + PCBs extra volume provided														
LL31086	8/7/01	1125	sediment														X					X	X	X	X	X					
LL30872	8/7/01	1030	soil														X								X						
LL30878	8/7/01	1115	soil														X								X						
LL30857	8/7/01	0955	soil														X								X						
LL31129	8/7/01	1155	soil														X								X						duplicate dup of LL30713
LL30713	8/7/01	1155	soil														X								X						
LL30854	8/7/01	0930	soil														X								X						

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RELINQUISHED BY: <i>Vicki Brumback</i>	Date/Time 8/7/01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1700	COMPANY NAME:		Cooler ID: H19	FEDEX NUMBER: NA - Courier pickup
RELINQUISHED BY: <i>Al Heidt</i>	Date/Time 8-7-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	1700	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.			
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd			
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396			
Sampler (Signature) <i>Uelri Brumbach</i>		(Printed Name) Vicki Brumbach														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers			
LL31064	8-7-01	1712	sediment	X								X					2		
LL31063	8-7-01	1711	sediment	X		X						X					2		
LL30708	8-7-01	1600	soil	X													1		
LL30707	8-7-01	1550	soil					X									1		
LL30836	8-7-01	1405	soil	X								X					2		
LL31128	8-7-01	1405	soil	X								X					2	dup of LL30836.	
LL30703	8-7-01	1620	soil	X													1		
LL30694	8-7-01	1525	soil	X													1		
LL30697	8-7-01	1720	soil	X													1		
LL30785	8-7-01	0820	soil	X													1		
LL30790	8-7-01	0850	soil	X								X					2		
LL30802	8-7-01	1052	soil	X								X					2		
LL30808	8-7-01	1020	soil	X								X					2		
RELINQUISHED BY: <i>Uelri Brumbach</i>		Date/Time 8-8-01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF <i>see p 3/3</i>		Cooler Temperature: 4°C											
COMPANY NAME: SAIC		1705	COMPANY NAME:			Cooler ID: J921		FEDEX NUMBER: NA- Courier pickup											
RECEIVED BY: <i>Al Haidet</i>		Date/Time 8-8-01	RELINQUISHED BY:		Date/Time														
COMPANY NAME:		1705	COMPANY NAME:																
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time														
COMPANY NAME:			COMPANY NAME:																

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd				
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd			
SAMPLER (SIGNATURE): <i>Vicki Brumback</i>																	(PRINTED NAME): Vicki Brumback			
Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
LL30829	8-7-01	1640	soil	X							X					2				
LL30830	8-7-01	1650	soil	X							X					2				
LL30805	8-7-01	1145	soil	X					X	X	X					3				
LL30817	8-7-01	1545	soil	X					X	X	X					3				
LL30814	8-7-01	1445	soil	X							X					2				
LL30839	8-7-01	1505	soil	X							X					2				
LL31075	8-7-01	1441	sediment	X							X					2				
LL30799	8-7-01	0930	soil	X		X		X	X	X	X					4				
LL31130	8-7-01	1339	sediment	X							X					2				
LL31119	8-7-01	0930	soil	X		X	X	X	X	X	X					5			DUP of LL31089	
LL31001	8-7-01	1414	sediment	X		X					X					2			DUP of LL30799	
LL31089	8-7-01	1339	sediment	X							X					2			RUN MS/MSD	
LL31068	8-7-01	1511	sediment	X							X		X			3				
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 8/8/01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF See p.3/3			Cooler Temperature: 4°C											
COMPANY NAME: SAIC		1705	COMPANY NAME:			Cooler ID: J921			FEDEX NUMBER: NA-Connex pickup											
RECEIVED BY: <i>al Hindt</i>		Date/Time 8-8-01	RELINQUISHED BY:		Date/Time															
COMPANY NAME:		1705	COMPANY NAME:																	
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time															
COMPANY NAME:			COMPANY NAME:																	

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.			
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd			
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396			
Sampler (Signature)		(Printed Name)														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
<i>Vicki Brumback</i>		Vicki Brumback																	
Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers			
LL31067	8-7-01	1531	Sediment	X								X					2		
LL31066	8-7-01	1545	sediment	X								X					2		
LL31123	8-7-01	0830	soil	X		X			X	X		X					4	dup. of LL30875	
LL30875	8-7-01	0830	soil	X					X	X		X					3		
LL30716	8-8-01	1050	soil	X					X	X		X					3		
LL30724	8-8-01	0940	soil	X					X	X		X					3		
LL31069	8-8-01	1011	Sediment	X					X	X	X	X		X			4		
LL30720	8-8-01	0855	soil	X													1		
LL30852	8-8-01	0810	soil	X													1	(23)	
				8-8-01															
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 8/8/01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF		77		Cooler Temperature: 4°C									
COMPANY NAME: SAIC		1705	COMPANY NAME:			Cooler ID:		J921		FEDEX NUMBER: NA - Courier pickup									
RECEIVED BY: <i>Ol Haidet</i>		Date/Time 8-8-01	RELINQUISHED BY:		Date/Time														
COMPANY NAME:		1705	COMPANY NAME:																
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time														
COMPANY NAME:			COMPANY NAME:																

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.																					
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd																					
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396																					
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback		VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals							No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																	
Sample ID	Date Collected	Time Collected	Matrix																																		
LL31166	8-8-01	1100	Water																		2	2	2	1	1	2	2									12	
/																																					

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RELINQUISHED BY: <i>Vicki Brumback</i>	Date/Time 8/8/01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF Cooler ID: J422	Cooler Temperature: 4°C
COMPANY NAME: SATC	1705	COMPANY NAME:		FEDEX NUMBER: NA Courier pickup	
RECEIVED BY: <i>Al Haidet</i>	Date/Time 8-8-01	RELINQUISHED BY:	Date/Time	VOCs + Cr+6 will be sent for LL31166 at a later date.	
COMPANY NAME:	1705	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd				
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	PHONE NO: 330-497-9396			
Sampler (Signature) <i>Urbn Brumback</i>		(Printed Name) Vicki Brumback															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
LL31084	8-8-01	0919	sediment	X					X	X	X	X		X			4			
LL30845	8-8-01	1050	soil	X								X					2			
LL30831	8-8-01	0800	soil	X								X					2			
LL30823	8-8-01	1000	soil	X					X	X	X	X					4	ms/msd extra volume sent		
LL30826	8-8-01	1135	soil	X								X					2			
LL30820	8-8-01	0850	soil	X								X					2			
LL31088	8-8-01	0818	sediment	X								X					2			
LL31082	8-8-01	0855	sediment	X					X	X	X	X		X			4			
LL30842	8-8-01	0925	soil	X					X	X		X					3			
LL31077	8-8-01	1035	sediment	X					X	X	X	X		X			4			
LL31065	8-8-01	0949	sediment	X		X			X	X	X	X					3			
LL31060	8-7-01	1511	sediment				X										1	TNT Field Lab Result = 7.3 ppm		
LL31089	8-7-01	1339	sediment				X										1			
RELINQUISHED BY: <i>Urbn Brumback</i>		Date/Time 8/8/01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF See p 2/2				Cooler Temperature: 4°C										
COMPANY NAME: SAIC		1705	COMPANY NAME:			Cooler ID: K166				FEDEX NUMBER: NA Courier pickup										
RECEIVED BY: <i>AO Naidit</i>		Date/Time 8-8-01	RELINQUISHED BY:		Date/Time	* Field Lab TNT result > 2 ppm														
COMPANY NAME:		1705	COMPANY NAME:																	
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time															
COMPANY NAME:			COMPANY NAME:																	

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.		
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd		
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i> (Printed Name) Vicki Brumback																	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix															
U31066*	8-7-01	1545	sediment			X										1	Field Lab TNT result = 9.8 ppm	
U31064	8-7-01	1712	sediment			X										1	Field Lab TNT result = 1.5 ppm	
U31075	8-7-01	1441	sediment			X										1	Field Lab TNT result = 14.2 ppm	
U31063	8-7-01	1711	Sediment			X										1		
L30817	8-7-01	1545	soil			X										1	Field Lab TNT result = 4.7 ppm	
L3-0697	8-7-01	1720	soil			X										1	Field Lab TNT result = 29.9 ppm	
L3-0814	8-7-01	1445	soil			X										1	Field Lab TNT result = 1.3 ppm	
L3-1067	8-7-01	1531	sediment			X										1	Field Lab TNT result = 18.5 ppm	
L3-0708	8-7-01	1600	soil			X										1	Field Lab TNT result = 95.8 ppm	
				U31066														
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 8/8/01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 43		Cooler Temperature: 4°C										
COMPANY NAME: SAIC		1705	COMPANY NAME:			Cooler ID: K166		FEDEX NUMBER: NA Courier pickup										
RECEIVED BY: <i>W. Haidt</i>		Date/Time 8-8-01	RELINQUISHED BY:		Date/Time	* Field Lab TNT result > 1 ppm												
COMPANY NAME:		1705	COMPANY NAME:															
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time													
COMPANY NAME:			COMPANY NAME:															

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.		
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd		
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Wish. Brumbaugh</i>		(Printed Name) Vicki Brumbaugh															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix															
LL30945	8-8-01	1353	soil	X						X							2	
LL30942	8-8-01	1400	soil	X						X							2	
LL30933	8-8-01	1440	soil	X						X							2	
L30727	8-8-01	1605	soil	X			X			X							3	
L30930	8-8-01	1500	soil	X						X							2	
L30833	8-8-01	1505	soil	X						X							2	
L30848	8-8-01	1400	soil	X						X							2	
L31071	8-8-01	1300	sediment	X	X					X		X					3	
L31079	8-8-01	1225	sediment	X	X					X		X					3	
L31073	8-8-01	1531	sediment	X	X	X				X		X					3	
L30960	8-8-01	1351	soil	X						X							2	
L31094	8-9-01	1021	sediment	X				X	X	X							3	
LL30815	8-9-01	0830	soil	X													1 30	

RELINQUISHED BY: <i>Wish Brumbaugh</i>	Date/Time 8-9-01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF <i>See p2/2</i>	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1745	COMPANY NAME:		Cooler ID: K222	FEDEX NUMBER: NA - Courier pickup
RECEIVED BY: <i>Ol Hardit</i>	Date/Time 8-9-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	1745	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.													
																				SOIL											
DELIVERY ORDER NUMBER: ECAS 186				TAL Metals	Cr + 6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As + 3	TOC	TCLP	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd														
PROJECT MANAGER: Kevin Jago 865-481-4614																	PHONE NO: 330-497-9396														
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS														
Sample ID	Date Collected	Time Collected	Matrix																												
LL30739 ✓	8-9-01	1115	soil														X				X			X							
LL30742 ✓	8-9-01	1145	soil														X				X			X							
LL30733 ✓	8-9-01	1005	soil														X				X			X							
LL30730 ✓	8-9-01	0915	soil														X				X			X							
LL31124 ✓	8-9-01	1035	soil														X			X	X	X		X							DUP. of LL30736
LL30736 ✓	8-9-01	1035	soil														X			X	X	X		X							
LL30757 ✓	8-9-01	0955	soil	X							X							RAW MS/MSD													
LL30921 ✓	8-9-01	1035	soil	X							X																				
LL30927 ✓	8-9-01	1210	soil	X							X																				
LL30924 ✓	8-9-01	1155	soil	X		X					X																				
LL30918 ✓	8-9-01	0850	soil	X		X		X	X	X	X																				
LL31120 ✓	8-9-01	0850	soil	X		X		X	X	X	X							DUP. of LL30918 VJB 8/9/01													
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 8/9/01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF			Cooler Temperature: 4°C																						
COMPANY NAME: SAIC		1745	COMPANY NAME:			Cooler ID: K222			FEDEX NUMBER: NA - Courier pickup																						
RECEIVED BY: <i>Al Haidit</i>		Date/Time 8-9-01	RELINQUISHED BY:		Date/Time																										
COMPANY NAME:		1745	COMPANY NAME:																												
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time																										
COMPANY NAME:			COMPANY NAME:																												

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI REQUESTED PARAMETERS

DELIVERY ORDER NUMBER: ECAS 186 LABORATORY NAME: Severn Trent Laboratories, Inc.

PROJECT MANAGER: Kevin Jago 865-481-4614 LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd

Sampler (Signature) Vicki Brumback (Printed Name) PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL31140	8-8-01	1414	water		2	2	2	1	1	2	2		12
<div style="position: absolute; top: 50px; left: 50px; transform: rotate(-30deg); opacity: 0.5;"> <p>I-193</p> </div> <div style="position: absolute; top: 450px; left: 450px; transform: rotate(-30deg); opacity: 0.5;"> <p>12 8/9/01</p> </div>													

DUP. of LL31074

RELINQUISHED BY: Vicki Brumback	Date/Time 8/9/01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF Cooler ID: 681	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1745	COMPANY NAME:		FEDEX NUMBER: NA - Courier pickup	
RECEIVED BY: All Naidet	Date/Time 8-9-01	RELINQUISHED BY:	Date/Time	VOCs for LL31140 are in cooler # K153.	
COMPANY NAME:	1745	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS											LABORATORY NAME: Severn Trent Laboratories, Inc.																							
DELIVERY ORDER NUMBER: ECAS 186				WATER											LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd																							
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals									No. of Containers	PHONE NO: 330-497-9396																
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback																				OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																
Sample ID	Date Collected	Time Collected	Matrix																																			
LL31164	8-9-01	1030	water	2	2	2	1	1	2	2												12																
<i>vjb 8/9/01</i>																																						
RELINQUISHED BY: <i>Vicki Brumback</i>				RECEIVED BY:				TOTAL NUMBER OF				Cooler Temperature:																										
COMPANY NAME: SAIC				COMPANY NAME:				Cooler ID: J827				FEDEX NUMBER: NA - Courier pickup																										
Date/Time 8/9/01 1745				Date/Time																																		
RECEIVED BY: <i>al Vardut</i>				RELINQUISHED BY:				VOCs for LL31164 are in cooler # K153.																														
COMPANY NAME: 1745				COMPANY NAME:																																		
RELINQUISHED BY:				RECEIVED BY:																																		
COMPANY NAME:				COMPANY NAME:																																		

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: Severn Trent Laboratories, Inc.						
DELIVERY ORDER NUMBER: ECAS 186				WATER																		LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd		
PROJECT MANAGER: Kevin Jago 865-481-4614																						PHONE NO: 330-497-9396		
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback		No. of Containers																		OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS		
Sample ID	Date Collected	Time Collected	Matrix																					
LL31095	8-9-01	0845	water	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals												5
LL31072	8-9-01	1111	water																					5

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RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 8/9/01		RECEIVED BY:			Date/Time			TOTAL NUMBER OF Cooler ID: J859		Cooler Temperature: 4°C			
COMPANY NAME: SAIC		1745		COMPANY NAME:						FEDEX NUMBER:		NA-Courier pickup			
RECEIVED BY: <i>D. Haidt</i>		Date/Time 8-9-01		RELINQUISHED BY:			Date/Time			VOCs for LL31095 are in cooler # K153.					
COMPANY NAME:		1745		COMPANY NAME:											
RELINQUISHED BY:		Date/Time		RECEIVED BY:			Date/Time								
COMPANY NAME:				COMPANY NAME:											

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI

DELIVERY ORDER NUMBER: ECAS 186

PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature)

(Printed Name)

Vicki Brumback

Vicki Brumback

REQUESTED PARAMETERS

WATER

LABORATORY NAME:

Severn Trent Laboratories, Inc.

LABORATORY ADDRESS:

4101 Shuffel Drive NW

North Canton, Ohio 44720

Attn: Debbie Budd

PHONE NO: 330-497-9396

OBSERVATIONS, COMMENTS,
SPECIAL INSTRUCTIONS

Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers
LL31062	8-9-01	0915	water		2	2	2	1	1	2	2		12
<i>Yib 8/9/01</i>													

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RELINQUISHED BY:
Vicki Brumback
COMPANY NAME:
SAIC

Date/Time
8/9/01
1745

RECEIVED BY:

COMPANY NAME:

Date/Time

TOTAL NUMBER OF 12
Cooler ID:
#081

Cooler Temperature: 4°C
FEDEX NUMBER:
NA - Courier pickup

RECEIVED BY:
AD Haidet
COMPANY NAME:

Date/Time
8-9-01
1745

RELINQUISHED BY:

COMPANY NAME:

Date/Time

RELINQUISHED BY:

COMPANY NAME:

Date/Time

RECEIVED BY:

COMPANY NAME:

Date/Time

VOCs for LL31062 are in K153.

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: ECAS 186				WATER													LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd							
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals										No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature)		(Printed Name)																					OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Vicki Brumback		Vicki Brumback																						
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals												
LL31074 ✓	8-8-01	1414	water	3	2	2	2	1	1	2	2												15	added analytes
LL31095 ✓	8-9-01	0845	water	3																		3		
LL31062 ✓	8-9-01	0915	water	3																		3		
LL31164 ✓	8-9-01	1030	water	3																		3		
LL31166 ✓	8-8-01	1100	water	3																		3	EQUIP RINSE (avg, bowl)	
LL31074	8-8-01	1414	water	3																		3	DI water BLANK	
LL31140 ✓	8-8-01	1414	water	3																		3		
LL31169 ✓	8-8-01	0717	water	2																		2	TRIP BLANK	

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yib 8/9/01

RELINQUISHED BY: Vicki Brumback		Date/Time 8/9/01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 32	Cooler Temperature: 4°C
COMPANY NAME: SAIC		1745	COMPANY NAME:			Cooler ID: K153	FEDEX NUMBER: NA - Courier pickup
RECEIVED BY: Ol Kaidet		Date/Time 8-9-01	RELINQUISHED BY:		Date/Time		
COMPANY NAME: 1745			COMPANY NAME:				
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time		
COMPANY NAME:			COMPANY NAME:				

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Savern Trent Laboratories, Inc.		
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd		
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix															
LL30785	8-7-01	0820	soil				X									1	2.5 TNT	
LL30857	8-7-01	0955	soil				X									1	11.7 TNT	
LL31088	8-8-01	0818	sediment soil vib				X									1	2.1 TNT	
LL30805	8-7-01	1145	soil				X									1	159 TNT	
LL30854	8-7-01	0930	soil				X									1	2.2 TNT	
LL30713	8-7-01	1155	soil				X									1	2.3 TNT	
LL30790	8-7-01	0850	soil				X									1	2.4 TNT	
LL30742	8-9-01	1145	soil				X									1		
LL31084	8-8-01	0919	sediment soil vib				X									1		
LL30820	8-6-01	0850	soil				X									1	3.4 TNT	
LL30815	8-9-01	0830	soil				X									1	1.5 TNT	
LL31069	8-8-01	1011	sediment				X									1	1.7 TNT	
LL31073	8-8-01	1531	sediment soil vib				X									1	13	
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 8-10-01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF See P 3/3		Cooler Temperature: 4°C										
COMPANY NAME: SAIC		1600	COMPANY NAME:			Cooler ID: H19		FEDEX NUMBER: NA- Courier pickup										
RECEIVED BY: <i>Al Waidet</i>		Date/Time 8-10-01	RELINQUISHED BY:		Date/Time													
COMPANY NAME:		1600	COMPANY NAME:															
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time													
COMPANY NAME:			COMPANY NAME:															

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.		
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd		
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396		
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS		
Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers		
LL30823	✓ 8-8-01	1000	soil				X										1	6.3 TNT
LL30826	✓ 8-8-01	1135	soil				X										1	3.9 TNT
LL30716	✓ 8-8-01	1050	soil				X										1	2.3 TNT
30720	✓ 8-8-01	0855	soil				X										1	1.5 TNT
L30918	✓ 8-9-01	0850	soil				X										1	1.3 TNT
L30924	✓ 8-9-01	1155	soil				X										1	RUN ms/msd
L31125	✓ 8-9-01	1515	sediment	X			X				X						3	DUPLICATE of LL30957
LL30957	✓ 8-9-01	1515	sediment	X							X						2	
LL30936	✓ 8-9-01	1610	soil	X							X						2	
LL31001	✓ 8-9-01	1631	soil	X							X						2	
LL30939	✓ 8-9-01	1515	soil	X							X						2	
LL30690	✓ 8-10-01	1150	soil	X					X		X						3	
LL30687	✓ 8-10-01	1100	soil	X	X				X	X	X						3	23

RELINQUISHED BY: <i>Vicki Brumbach</i>	Date/Time 8-10-01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF <i>see p73</i>	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1600	COMPANY NAME:		Cooler ID: H19	FEDEX NUMBER: NA - Courier pickup
RECEIVED BY: <i>al Hardet</i>	Date/Time 8-10-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME: 1600		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS										LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: ECAS 186				SOIL										LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd				
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumbal</i>		(Printed Name) Vicki Brumbal															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix															
LL30684	✓ 8-10-01	1010	soil	X							X					2		
LL30745	✓ 8-10-01	0835	soil	X							X					2		
LL31131	✓ 8-10-01	0835	soil	X							X					2		
L30760	✓ 8-10-01	0815	soil	X							X					2		
L31004	✓ 8-10-01	1027	soil	X												1		
L31007	✓ 8-10-01	0815	soil	X												1		
L31126	✓ 8-10-01	0815	soil	X		X					X					3		
L30908	✓ 8-10-01	0910	soil	X				X	X	X	X					3		
L31008	✓ 8-10-01	1111	soil	X				X	X	X	X					3		
L30902	✓ 8-10-01	1105	soil	X				X	X	X	X					3		
8-10-01 VJH																		
RELINQUISHED BY: <i>Vicki Brumbal</i>				Date/Time 8-10-01	RECEIVED BY:				Date/Time	TOTAL NUMBER OF 58				Cooler Temperature: 4°C				
COMPANY NAME: SAIC				1600	COMPANY NAME:					Cooler ID: H19				FEDEX NUMBER: NA - Courier pickup				
RECEIVED BY: <i>Al Haidit</i>				Date/Time 8-10-01	RELINQUISHED BY:				Date/Time									
COMPANY NAME:				1600	COMPANY NAME:													
RELINQUISHED BY:				Date/Time	RECEIVED BY:				Date/Time									
COMPANY NAME:					COMPANY NAME:													

I-200

DUPLICATE of LL30745

NOT A DUP OF! (11-10-01)

RUN MS/MSD /extra jar provided

(22)

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.												
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd												
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr + 6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As + 3	TOC	TCLP									No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd			
Sampler (Signature) <i>Vicki Brumback</i> (Printed Name) Vicki Brumback																									PHONE NO: 330-497-9396			
Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr + 6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As + 3	TOC	TCLP													
LL30999	8-10-01	0942	soil	X								X												2				
LL31132	8-10-01	0942	soil	X								X											2	Dup of LL30999				
LL31002	8-10-01	1141	soil	X								X											2					
L30754	8-10-01	1030	soil	X					X	X		X											3					
L30905	8-10-01	0945	soil	X					X			X											3					
L31005	8-10-01	0915	soil	X																			1					
L31006	8-10-01	0839	soil	X																			1					
L30872	8-7-01	1030	soil				X																1					
L31077	8-8-01	1035	sediment				X																1	78.8 TNT				
L30833	8-8-01	1505	soil				X																1	2.4 TNT				
L30736	8-9-01	1035	soil				X																1					
L30760	8-10-01	0815	soil				X																1					
L30799	8-6-01	0930	soil				X																1	20				

RELINQUISHED BY: <i>Vicki Brumback</i>	Date/Time 8-10-01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF Sec p3/3	Cooler Temperature: 7°C
COMPANY NAME: SAIC	1600	COMPANY NAME:		Cooler ID: 5736	FEDEX NUMBER: NA Courier pickup
RELINQUISHED BY: <i>al Haidet</i>	Date/Time 8-10-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	1600	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.														
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd														
PROJECT MANAGER: Kevin Jago 865-481-4614																														
Sampler (Signature)		(Printed Name)		No. of Containers													PHONE NO: 330-497-9396													
Vicki Brumbach		Vicki Brumbach															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS													
Sample ID	Date Collected	Time Collected	Matrix																											
LL30751	8-10-01	1620	soil																											
LL31010	8-10-01	1425	soil																											
LL31011	8-10-01	1415	soil																											
L31013	8-10-01	1505	soil																											
L30994	8-10-01	1640	soil																											
L30893	8-10-01	1455	soil																										RUN MS/MSD	
L30766	8-11-01	1055	soil																											
L30914	8-11-01	0815	soil																											
LL30811	8-11-01	0959	soil																											
LL31000	8-11-00	1111	soil																											
LL30787	8-11-01	1015	soil																											
LL30748	8-11-01	0858	soil																											
LL30993	8-11-01	1141	soil													CUM 49														

RELINQUISHED BY: Vicki Brumbach		Date/Time 8-13-01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF <u>SA P 3/3</u>	Cooler Temperature: 4°C
COMPANY NAME: SAIC		1600	COMPANY NAME:			Cooler ID: K223	FEDEX NUMBER: NA - Courier pickup
RECEIVED BY: A.P. Haidet		Date/Time 8-13-01	RELINQUISHED BY:		Date/Time		
COMPANY NAME:		1600	COMPANY NAME:				
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time		
COMPANY NAME:			COMPANY NAME:				

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.	
																	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd	
DELIVERY ORDER NUMBER: ECAS 186				SOIL													PHONE NO: 330-497-9396	
PROJECT MANAGER: Kevin Jago 865-481-4614																	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback		TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP VOCs	AST3	TCLP SVOCs/HFIB/pest/metals	No. of Containers
Sample ID	Date Collected	Time Collected	Matrix															
LL30798	8-20-01	1430	FLOOR SWEEP	X	X	X	X			X	X	X			X	X	X	6
LL30917	8-20-01	1335	FLOOR SWEEP	X	X	X	X		X	X	X	X			X	X	X	7
LL30832	8-20-01	1405	FLOOR SWEEP	X	X	X	X			X	X	X			X	X	X	6
L30969	8-20-01	1541	Soil	X								X						2
-30952	8-20-01	1630	soil	X								X						2
_____ yib 8-21-01 _____																		
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 8-21-01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 23		Cooler Temperature: 4°C										
COMPANY NAME: SAIC		1700	COMPANY NAME:			Cooler ID: A36		FEDEX NUMBER: NA-Courier pickup										
RECEIVED BY: <i>AL Hendet</i>		Date/Time 8-21-01	RELINQUISHED BY:		Date/Time													
COMPANY NAME: 1700			COMPANY NAME:															
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time													
COMPANY NAME:			COMPANY NAME:															

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI DELIVERY ORDER NUMBER: ECAS 186 PROJECT MANAGER: Kevin Jago 865-481-4614 Sampler (Signature) (Printed Name) <i>Vicki Brunback</i> Vicki Brunback				REQUESTED PARAMETERS SOIL														LABORATORY NAME: Severn Trent Laboratories, Inc. LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd PHONE NO: 330-497-9396 OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS TNT = 195 ppm TNT = 49.1 ppm	
Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers			
LL30964 ✓	8-20-01	1541	soil				X									1			
LL30952 ✓	8-20-01	1630	soil				X									1			
 [Remaining rows of table are crossed out with a diagonal line] VJB 8-22-01 																			
RELINQUISHED BY: <i>Vicki Brunback</i> COMPANY NAME: SAIC		Date/Time 8-22-01 1635	RECEIVED BY: COMPANY NAME:			Date/Time 	TOTAL NUMBER OF 2 Cooler ID: G77		Cooler Temperature: 7°C FEDEX NUMBER: NA-Courier pickup										
RECEIVED BY: <i>al Haight</i> COMPANY NAME:		Date/Time 8-22-01 1635	RELINQUISHED BY: COMPANY NAME:			Date/Time 													
RELINQUISHED BY: COMPANY NAME:		Date/Time 	RECEIVED BY: COMPANY NAME:			Date/Time 													

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd				
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd			
Sampler (Signature) <i>Uelri Brumbach</i> (Printed Name) Vicki Brumbach																	PHONE NO: 330-497-9396			
Sample ID	Date Collected	Time Collected	Matrix														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
LL31093	8-24-01	1015	soil	X																
LL31096	8-24-01	0920	soil	X																
LL31098	8-24-01	1055	soil	X																
L31092	8-24-01	0945	soil	X																
-31099	8-24-01	1120	soil	X																
Uelri Brumbach 8-24-01																				
RELINQUISHED BY: <i>Uelri Brumbach</i>		Date/Time 8-24-01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF		Cooler Temperature: 4°C												
COMPANY NAME: SAIC		1545	COMPANY NAME:			Cooler ID: K233		FEDEX NUMBER: NA - Courier pickup												
RECEIVED BY: <i>Al Waidet</i>		Date/Time 8-24-01	RELINQUISHED BY:		Date/Time															
COMPANY NAME:		1545	COMPANY NAME:																	
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time															
COMPANY NAME:			COMPANY NAME:																	

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.			
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd			
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396			
Sampler (Signature) <i>Udri Brumback</i>		(Printed Name) Vicki Brumback		TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP VOCs	TCLP SVOCs/Herb/Pest/Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
LL3 0686	8-25-01	1524	soil	X														1	
LL3 1100	8-25-01	1015	soil	X			X											2	TNT = 241.4 ppm
LL3 1085	8-25-01	1045	soil	X			X											2	TNT = 1.3 ppm
LL3 1097	8-25-01	0915	soil	X			X											2	TNT = 5.8 ppm
LL3 0689	8-25-01	1527	soil	X														1	
LL3 0685	8-26-01	1011	soil												1 2			3	
LL3 1098	8-24-01	1055	soil				X											1	TNT = 146.1 ppm
LL3 1099	8-24-01	1120	soil				X											1	TNT = 1,740 ppm
LL3 1093	8-24-01	1015	soil				X											1	TNT = 58.9 ppm RUNMS/MSD
LL3 1092	8-24-01	0945	soil				X											1	TNT = 1.1 ppm
LL3 0798	8-27-01	0940	FLOOR SWEEP						X									1	Previous sample sent left out VOCs
LL3 0832	8-27-01	0950	FLOOR SWEEP						X									1	" " " " " "

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RELINQUISHED BY: <i>Udri Brumback</i>	Date/Time 8-27-01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 17	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1555	COMPANY NAME:		Cooler ID: G77	FEDEX NUMBER: NA - Courier pickup
RELINQUISHED BY: <i>Ol Haidt</i>	Date/Time 8-27-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	1555	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:		<i>Sample placed with a sample</i>	
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.										
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd										
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals									No. of Containers	PHONE NO: 330-497-9396				
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach																				OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS				
Sample ID	Date Collected	Time Collected	Matrix																							
LL3 1112	9-10-01	1610	water	6				3			3										12	MS/MSD				
LL3 1138	9-10-01	1610	water			2	2		2		1										8					
 9-11-01 I-217 																										

RELINQUISHED BY: <i>Vicki Brumbach</i>	Date/Time 9-11-01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF	20	Cooler Temperature:	4°C
COMPANY NAME: SAIC	1555	COMPANY NAME:		Cooler ID:	H19	FEDEX NUMBER:	NA - Carrier pickup
RECEIVED BY: <i>Al Haidet</i>	Date/Time 9-11-01	RELINQUISHED BY:	Date/Time	VOCs for LL31112 and LL31138 will be sent to The lab at a later date. Other jars for LL31112 and LL31138 are in cooler #s 226 and 081.			
COMPANY NAME:	1555	COMPANY NAME:					
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time				
COMPANY NAME:		COMPANY NAME:					

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.	
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd	
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	PHONE NO: 330-497-9396			
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach												OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
Sample ID	Date Collected	Time Collected	Matrix														
LL3 1112 ✓	9-10-01	1610	water				6		6						12		
LL3 1138 ✓	9-10-01	1610	water	2											2		
<div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;"> <p>9-11-01 1555</p> </div>																	
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 9-11-01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 14		Cooler Temperature: 4°C									
COMPANY NAME: SAIC		1555	COMPANY NAME:			Cooler ID: #001		FEDEX NUMBER: NA- Courier pickup									
RECEIVED BY: <i>AL Haidet</i>		Date/Time 9-11-01	RELINQUISHED BY:		Date/Time	VOCs for LL31112 and LL31138 will be sent to the lab at a later date. Other gas for LL31112 and LL31138 are in coolers H19 and 226.											
COMPANY NAME:		1555	COMPANY NAME:														
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time												
COMPANY NAME:			COMPANY NAME:														

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: Severn Trent Laboratories, Inc.						
DELIVERY ORDER NUMBER: ECAS 186				WATER													LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd						
PROJECT MANAGER: Kevin Jago 865-481-4614																	PHONE NO: 330-497-9396						
Sampler (Signature) <i>Yicki Brumbach</i>		(Printed Name) Yicki Brumbach															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS						
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals							No. of Containers				
LL31112	✓ 9-10-01	1610	water			6					6								12				
LL31138	✓ 9-10-01	1610	water								2								2				
9-11-01																							
RELINQUISHED BY: <i>Yicki Brumbach</i>				RECEIVED BY:				TOTAL NUMBER OF				Cooler Temperature: 4°C											
COMPANY NAME: SAIC				Date/Time 9-11-01 1555				COMPANY NAME:				Cooler ID: #226				FEDEX NUMBER: NA- Courier pickup							
RECEIVED BY: <i>Al Naidit</i>				RECEIVED BY:				VOCs for LL31112 and LL31138 will be sent to the lab at a later date. Other jars for LL31112 and LL31138 are in cooler #S H19 and 081.															
COMPANY NAME:				Date/Time 9-11-01 1555																			
RELINQUISHED BY:				RECEIVED BY:																			
COMPANY NAME:				Date/Time				COMPANY NAME:															

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.		
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd		
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396		
Sampler (Signature): <i>Udi Brumbach</i>		(Printed Name): Vicki Brumbach														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS		
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers					
LL31101	9-11-01	1352	water	3		2				2	2	1	2	2	2			
LL31170	9-10-01	1200	water	2											2			
LL31112	9-10-01	1610	water	3		1/2			9-12-01						2			
LL31138*	9-10-01	1610	water	3											3			
LL31103	9-11-01	1510	water	3											3			
9-12-01																		
RELINQUISHED BY: <i>Udi Brumbach</i>				Date/Time: 9-12-01		RECEIVED BY: <i>Terry Burns</i>				Date/Time: 9-12-01		TOTAL NUMBER OF Cooler ID: K222		Cooler Temperature: 4°C				
COMPANY NAME: SAIC				1355		COMPANY NAME: STL				1355		FEDEX NUMBER: NA Courier pickup						
RECEIVED BY:				Date/Time:		RELINQUISHED BY:				Date/Time:		*						
COMPANY NAME:						COMPANY NAME:												
RELINQUISHED BY:				Date/Time:		RECEIVED BY:				Date/Time:								
COMPANY NAME:						COMPANY NAME:												

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS										LABORATORY NAME: Severn Trent Laboratories, Inc.	
DELIVERY ORDER NUMBER: ECAS 186				WATER										LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd	
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach												OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix												
LL31103	9-11-01	1510	water		2	1	2		1	1	1				9
 <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;"> 9-12-01 </div> 															
RELINQUISHED BY: <i>Vicki Brumbach</i>		Date/Time 9-12-01		RECEIVED BY: <i>Debra Brumbach</i>		Date/Time 9-12-01		TOTAL NUMBER OF 9		Cooler Temperature: 4°C					
COMPANY NAME: SAIC		1355		COMPANY NAME: STL		1355		Cooler ID: G77		FEDEX NUMBER: NA Courier pickup					
RECEIVED BY:		Date/Time		RELINQUISHED BY:		Date/Time		VOCs for LL31103 are in cooler # K222. LL31103 has fewer jars because of the wells low recharge rate.							
COMPANY NAME:				COMPANY NAME:											
RELINQUISHED BY:		Date/Time		RECEIVED BY:		Date/Time									
COMPANY NAME:				COMPANY NAME:											

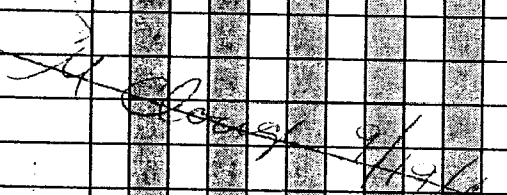
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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.						
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd						
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals								No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Mark Clough</i>		Sampler (Printed Name) Martha Clough																			OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																			
LL31107	9/18/01	1155	WATER	3	1	1	1	1	1	1	1										10	
LL31167	9/18/01	1150	WATER	3																	3	
LL31105	9/18/01	1500	WATER	3																	3	
LL31109	9/18/01	1600	WATER	3																	3	
-31108	9/18/01	1652	WATER	3																	3	
-31165	9/19/01	1029	WATER	3																	3	
-31106	9/19/01	0835	WATER	3																	3	
Martha Clough 9/19/01																						
RELINQUISHED BY: <i>Martha Clough</i>		Date/Time 9/19/01		RECEIVED BY:				Date/Time				TOTAL NUMBER OF 28				Cooler Temperature: 4°C						
COMPANY NAME: SAIC		1550		COMPANY NAME:								Cooler ID: J422				FEDEX NUMBER: NA						
RECEIVED BY: <i>Al Waidit</i>		Date/Time 9-19-01		RELINQUISHED BY:				Date/Time														
COMPANY NAME:		1550		COMPANY NAME:																		
RELINQUISHED BY:		Date/Time		RECEIVED BY:				Date/Time														
COMPANY NAME:				COMPANY NAME:																		

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.			
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd			
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	PHONE NO: 330-497-9396					
Sampler (Signature) <i>Martha Clough</i>		(Printed Name) Martha Clough												OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS					
Sample ID	Date Collected	Time Collected	Matrix																
LL31105	9/18/01	1500	WATER		2	2	2	1	2	2	1				12				
  Martha Clough 9/19/01 																			

I-223

RELINQUISHED BY: <i>Martha Clough</i>	Date/Time 9/19/01 1550	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 12	Cooler Temperature: 5°C
COMPANY NAME: SAIC		COMPANY NAME:		Cooler ID: G81	FEDEX NUMBER: NA
RECEIVED BY: <i>Al Hildt</i>	Date/Time 9-19-01 1530	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.			
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd			
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396			
Sampler (Signature) <i>Maitha Clough</i>		(Printed Name) Maitha Clough														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals						No. of Containers	
LL31109	9/18/01	1600	WATER		2	2	2		2	2	1								2
 																			
RELINQUISHED BY: <i>Maitha Clough</i>		Date/Time 9/19/01		RECEIVED BY:				Date/Time				TOTAL NUMBER OF Cooler ID: K223				Cooler Temperature: FEDEX NUMBER: NA			
COMPANY NAME: SAIC		1550		COMPANY NAME:															
RECEIVED BY: <i>Al Heidt</i>		Date/Time 9-19-01		RELINQUISHED BY:				Date/Time											
COMPANY NAME:		1550		COMPANY NAME:															
RELINQUISHED BY:		Date/Time		RECEIVED BY:				Date/Time											
COMPANY NAME:				COMPANY NAME:															

I-224

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.			
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd			
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396			
Sampler (Signature) <i>Martha Clough</i>		(Printed Name) Martha Clough														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals						No. of Containers	
LL31108	9/18/01	1652	WATER		2	2	2		1	2	2	1							12
Martha Clough																			
SAIC																			
9/19/01																			
1550																			
RELINQUISHED BY: <i>Martha Clough</i>				RECEIVED BY:				TOTAL NUMBER OF				Cooler Temperature: 4°C							
COMPANY NAME: SAIC				Date/Time 9/19/01 1550				Cooler ID: K51				FEDEX NUMBER: NA							
RECEIVED BY: <i>Al Haidt</i>				RELINQUISHED BY:															
COMPANY NAME:				Date/Time 9-19-01 1550															
RELINQUISHED BY:				RECEIVED BY:															
COMPANY NAME:				Date/Time															

I-225

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Seyvern Trent Laboratories, Inc.							
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd							
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals									No. of Containers	PHONE NO: 330-497-9396	
Sampler (Signature) <i>Martha Clough</i>		(Printed Name) Martha Clough																				OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix																				
LL31165	9/19/01	1029	WATER		2	2	7	1	1	2	2											12	
SAIC																							

I-226

RELINQUISHED BY: <i>Martha Clough</i>		Date/Time 9/19/01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 12	Cooler Temperature: 4°C
COMPANY NAME: SAIC		1550	COMPANY NAME:			Cooler ID: A36	FEDEX NUMBER: NA
RECEIVED BY: <i>Debbie Budd</i>		Date/Time 9-19-01	RELINQUISHED BY:		Date/Time		
COMPANY NAME:		1550	COMPANY NAME:				
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time		
COMPANY NAME:			COMPANY NAME:				

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd				
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396				
Sampler (Signature) <i>Martha Clough</i> (Printed Name) Martha Clough																OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS				
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals							No. of Containers	
LL31106	9/19/01	0835	WATER		2	2			1	2	2	1								12
<i>Martha Clough</i>																				
RELINQUISHED BY: <i>Martha Clough</i>				RECEIVED BY:				Date/Time				TOTAL NUMBER OF				Cooler Temperature: 4°C				
COMPANY NAME: SAIC				COMPANY NAME:				Date/Time				Cooler ID: J75				FEDEX NUMBER: NA				
RECEIVED BY: <i>Al Waidet</i>				RECEIVED BY:				Date/Time												
COMPANY NAME:				COMPANY NAME:				Date/Time												
RELINQUISHED BY:				RECEIVED BY:				Date/Time												
COMPANY NAME:				COMPANY NAME:				Date/Time												

I-227

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.				
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd				
PROJECT MANAGER: Kevin Jago 865-481-4614																PHONE NO: 330-497-9396				
Sampler (Signature) <i>Martha Clough</i>		(Printed Name) Martha Clough														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS				
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals								
LL31168	9/20/01	1630	WATER	3																3
LL31111	9/20/01	1631	WATER	3	1	1			1	2	1									11
31110	9/21/01	0915	WATER	3																3
RECEIVED BY: [Signature] 9/21/01																				
RELINQUISHED BY: <i>Martha Clough</i>		Date/Time 9/21/01		RECEIVED BY:				Date/Time				TOTAL NUMBER OF Cooler ID: 17 G81				Cooler Temperature: 40C FEDEX NUMBER: NA				
COMPANY NAME: SAIC		1545		COMPANY NAME:																
RECEIVED BY: <i>Dr. Naidet</i>		Date/Time 9-21-01		RELINQUISHED BY:				Date/Time												
COMPANY NAME:		1545		COMPANY NAME:																
RELINQUISHED BY:		Date/Time		RECEIVED BY:				Date/Time												
COMPANY NAME:				COMPANY NAME:																

I-228

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Laboratories, Inc.																																												
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd																																												
PROJECT MANAGER: Kevin Jago 865-481-4614				<table border="1" style="width:100%; border-collapse: collapse; text-align:center;"> <tr> <td style="width:3.33%;">VOCs</td> <td style="width:3.33%;">SVOCs</td> <td style="width:3.33%;">PCBs</td> <td style="width:3.33%;">Pesticides</td> <td style="width:3.33%;">Metals</td> <td style="width:3.33%;">CN</td> <td style="width:3.33%;">Explosives</td> <td style="width:3.33%;">Propellants</td> <td style="width:3.33%;">Filtered Metals</td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;">No. of Containers</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </table>												VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals									No. of Containers																				LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, Ohio 44720 Attn: Debbie Budd							
VOCs	SVOCs	PCBs	Pesticides													Metals	CN	Explosives	Propellants	Filtered Metals									No. of Containers																															
Sampler (Signature) <i>Maitha Clough</i>		Sampler (Printed Name) Maitha Clough		<table border="1" style="width:100%; border-collapse: collapse; text-align:center;"> <tr> <td style="width:12.5%;">Sample ID</td> <td style="width:12.5%;">Date Collected</td> <td style="width:12.5%;">Time Collected</td> <td style="width:12.5%;">Matrix</td> <td style="width:3.33%;">VOCs</td> <td style="width:3.33%;">SVOCs</td> <td style="width:3.33%;">PCBs</td> <td style="width:3.33%;">Pesticides</td> <td style="width:3.33%;">Metals</td> <td style="width:3.33%;">CN</td> <td style="width:3.33%;">Explosives</td> <td style="width:3.33%;">Propellants</td> <td style="width:3.33%;">Filtered Metals</td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;"></td> <td style="width:3.33%;">No. of Containers</td> </tr> <tr> <td>LL31110</td> <td>9/21/01</td> <td>0915</td> <td>WATER</td> <td></td> <td>2</td> <td>2</td> <td>2</td> <td></td> <td>1</td> <td>2</td> <td>2</td> <td>1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>12</td> </tr> </table>												Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals							No. of Containers	LL31110	9/21/01	0915	WATER		2	2	2		1	2	2	1								12	PHONE NO: 330-497-9396			
Sample ID	Date Collected	Time Collected	Matrix													VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals							No. of Containers																													
LL31110	9/21/01	0915	WATER		2	2	2		1	2	2	1								12																																								
OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																																																												

I-229

RELINQUISHED BY: <i>Maitha Clough</i>	Date/Time 9/21/01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 12	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1545	COMPANY NAME:		Cooler ID: J422	FEDEX NUMBER: NA
RECEIVED BY: <i>Al Woidet</i>	Date/Time 9-21-01	RELINQUISHED BY:	Date/Time		
COMPANY NAME:	1545	COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: LOAD LINE 3 PHASE II RT				REQUESTED PARAMETERS												LABORATORY NAME: Severn Trent Labs. Inc.																																																
DELIVERY ORDER NUMBER: ECAS 186				<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">VOCs</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">SVOCs</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Propellants</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Pesticides</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">PCBs</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Filtered Metals</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Explosives</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">CYANIDE</td> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">No. of Containers</td> </tr> <tr> <td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> <td></td> </tr> </table>												VOCs	SVOCs	Propellants	Pesticides	PCBs	Filtered Metals	Explosives	CYANIDE														No. of Containers																								LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, OH 44720 Attn: Debbie Buckel			
VOCs	SVOCs	Propellants	Pesticides													PCBs	Filtered Metals	Explosives	CYANIDE														No. of Containers																															
PROJECT MANAGER: KEVIN JAGO (865) 481-4614																PHONE NO: 330-497-9396																																																
Sampler (Signature) <i>Martha L Clough</i>		Sampler (Printed Name) Martha L Clough														OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS																																																
Sample ID	Date Collected	Time Collected	Matrix																																																													
LL31102	2/25/02	0950	WATER	2	2	2	2	2	1	2	1										14																																											
LL31173	2/25/02	0950	QCTIP	2																	2																																											
<div style="position: absolute; top: 0; left: 0; right: 0; bottom: 0; opacity: 0.5; pointer-events: none;"> <p style="font-size: 2em; transform: rotate(-30deg);">I-230</p> <p style="font-size: 4em; transform: rotate(-30deg);">Clough</p> </div>																																																																
RELINQUISHED BY: <i>Martha L Clough</i>		Date/Time 2/26/02		RECEIVED BY:				Date/Time				TOTAL NUMBER OF 16				Cooler Temperature: 40C																																																
COMPANY NAME: SAIC		1800		COMPANY NAME:								Cooler ID: J712				FEDEX NUMBER: Hand delivered																																																
RECEIVED BY: <i>Stephan DeBorne</i>		Date/Time		RELINQUISHED BY:				Date/Time																																																								
COMPANY NAME:				COMPANY NAME:																																																												
RELINQUISHED BY:		Date/Time		RECEIVED BY:				Date/Time																																																								
COMPANY NAME:				COMPANY NAME:																																																												

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: GP Environmental, Inc.				
DELIVERY ORDER NUMBER: ECAS 186				SOIL												LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877 Attn: Darry Hartman				
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr + 6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As + 3	TOC	TCLP	No. of Containers	PHONE NO: 301-926-6802			
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
Sample ID	Date Collected	Time Collected	Matrix																	
LL3 1149	8/1/01	0845	soil	X							X									
LL3 1143	7/31/01	0900	soil	X		XX		X	XX	X										
156 8/1/01																				

I-231

RELINQUISHED BY: <i>Vicki Brumbach</i>	Date/Time 8/1/01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 6	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1500	COMPANY NAME:		Cooler ID: STL J862	FEDEX NUMBER: 818850985520
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: GP Environmental, Inc.			
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877 Attn: Darry Hartman			
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877 Attn: Darry Hartman					
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback												PHONE NO: 301-926-6802					
Sample ID	Date Collected	Time Collected	Matrix																
LL3 1161	8/6/01	1426	water	3	2	2	2	1	1	2	2							1215	
LL3 1168	8/6/01	1313	water	1														1 TRIP BLANK	
<i>Vib 8-3 01</i>																			
RELINQUISHED BY: <i>Vicki Brumback</i>				RECEIVED BY:				TOTAL NUMBER OF SAMPLES: <i>202</i>				Cooler Temperature: <i>4°C</i>							
COMPANY NAME: SAIC				Date/Time <i>8-7-01</i>				Cooler ID: <i>STL K55</i>				FEDEX NUMBER: <i>818850985519</i>							
RECEIVED BY:				Date/Time				RELINQUISHED BY:				Date/Time							
COMPANY NAME:				COMPANY NAME:				COMPANY NAME:				COMPANY NAME:							
RELINQUISHED BY:				Date/Time				RECEIVED BY:				Date/Time							
COMPANY NAME:				COMPANY NAME:				COMPANY NAME:				COMPANY NAME:							

I-232

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI
 DELIVERY ORDER NUMBER: ECAS 186
 PROJECT MANAGER: Kevin Jago 865-481-4614

Sampler (Signature) *Vicki Brumbach* (Printed Name) Vicki Brumbach

REQUESTED PARAMETERS

				SOIL												No. of Containers
Sample ID	Date Collected	Time Collected	Matrix	TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	
LL3 1144	8/6/01	1524	sediment	X			X		X	X	X	X				
LL3 1157	8/6/01	1415	soil	X												
Blank 8/1/01																

LABORATORY NAME:
GP Environmental, Inc.

LABORATORY ADDRESS:
202 Perry Parkway
Gaithersburg, MD 20877
Attn: Darry Hartman

PHONE NO: 301-926-6802

OBSERVATIONS, COMMENTS,
SPECIAL INSTRUCTIONS

I-233

RELINQUISHED BY: *Vicki Brumbach*
 Date/Time: 8-7-01 1400

COMPANY NAME: SAIC

RECEIVED BY:
 Date/Time:

COMPANY NAME:

TOTAL NUMBER OF 21

Cooler Temperature: 4°C

Cooler ID: STL K55

FEDEX NUMBER: 818850985519

RECEIVED BY:
 Date/Time:

RELINQUISHED BY:
 Date/Time:

COMPANY NAME:

COMPANY NAME:

RELINQUISHED BY:
 Date/Time:

RECEIVED BY:
 Date/Time:

COMPANY NAME:

COMPANY NAME:

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: GP Environmental, Inc.									
DELIVERY ORDER NUMBER: ECAS 186				WATER													LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877 Attn: Darry Hartman									
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals												No. of Containers	PHONE NO: 301-926-6802	
Sampler (Signature)		(Printed Name)																							OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Vicki Brumbach		Vicki Brumbach																								
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals														
LL31162	8-8-01	1414	water	3	2	2	2	1	1	2	2													5		
LL31169	8-8-01	0717	water	1																				1		

I-234

VJB 8-9-01

RELINQUISHED BY: <i>Vicki Brumbach</i>	Date/Time 8-9-01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF 16	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1700	COMPANY NAME:		Cooler ID: J910	FEDEX NUMBER: 818850985482 (2 coolers)
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS													LABORATORY NAME: GP Environmental, Inc.	
DELIVERY ORDER NUMBER: ECAS 186				SOIL													LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877 Attn: Darry Hartman	
PROJECT MANAGER: Kevin Jago 865-481-4614				TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	PHONE NO: 301-926-6802	
Sampler (Signature) <i>Vicki Brumbach</i>		(Printed Name) Vicki Brumbach															OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS	
Sample ID	Date Collected	Time Collected	Matrix															
LL31142	8-9-01	0850	soil	X	X	X	X	X	X	X	X							
LL31150	8-7-01	1405	soil	X						X							5	
LL31151	8-7-01	1155	soil	X						X							2	
LL31152	8-7-01	1339	sediment	X						X							2	
-31145	8-7-01	0830	soil	X		X	X	X	X	X							2	
L31141	8-7-01	0930	soil	X	X	X	X	X	X	X							4	
L31146	8-9-01	1035	soil	X		X	X	X	X	X							5	
VJB 8/9/01																		

I-235

RELINQUISHED BY: <i>Vicki Brumbach</i>	Date/Time 8-9-01	RECEIVED BY:	Date/Time	TOTAL NUMBER OF Cooler ID: J931	Cooler Temperature: 4°C
COMPANY NAME: SAIC	1700	COMPANY NAME:		FEDEX NUMBER: 818850985482 (2 coolers)	
RECEIVED BY:	Date/Time	RELINQUISHED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			
RELINQUISHED BY:	Date/Time	RECEIVED BY:	Date/Time		
COMPANY NAME:		COMPANY NAME:			

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS														LABORATORY NAME: GP Environmental, Inc.													
DELIVERY ORDER NUMBER: ECAS 186				SOIL														LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877 Attn: Darry Hartman													
PROJECT MANAGER: Kevin Jago 865-481-4614																		PHONE NO: 301-926-6802													
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback		TAL Metals	Cr+6	CN	Explosives	Propellants	VOCs	SVOCs	Pesticides	PCBs	As+3	TOC	TCLP	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS														
Sample ID	Date Collected	Time Collected	Matrix																												
LL3 1148	8-10-01	0815	soil															X			X				X						
LL3 1147	8-9-01	1515	Sediment															X			X				X						3
LL3 1154	8-11-01	0745	soil															X							X						3
L3 1159	8-11-01	0845	soil															X							X						2
L3 1158	8-10-01	1635	soil															X													1
L3 1155	8-10-01	0942	soil															X							X						1
L3 1156	8-10-01	0835	soil															X							X						2
L3 1153	8-13-01	0845	soil															X							X						2

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RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 8-13-01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 16	Cooler Temperature: 4°C
COMPANY NAME: SAIC		1700	COMPANY NAME:			Cooler ID: K166	FEDEX NUMBER: 818850985460 (2 coolers)
RECEIVED BY:		Date/Time	RELINQUISHED BY:		Date/Time		
COMPANY NAME:			COMPANY NAME:				
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time		
COMPANY NAME:			COMPANY NAME:				

CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 3 Phase II RI				REQUESTED PARAMETERS												LABORATORY NAME: GP Environmental, Inc.	
DELIVERY ORDER NUMBER: ECAS 186				WATER												LABORATORY ADDRESS: 202 Perry Parkway Gaithersburg, MD 20877 Attn: Darry Hartman	
PROJECT MANAGER: Kevin Jago 865-481-4614				VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	PHONE NO: 301-926-6802			
Sampler (Signature) <i>Vicki Brumback</i>		(Printed Name) Vicki Brumback												OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
Sample ID	Date Collected	Time Collected	Matrix	VOCs	SVOCs	PCBs	Pesticides	Metals	CN	Explosives	Propellants	Filtered Metals	No. of Containers	OBSERVATIONS, COMMENTS, SPECIAL INSTRUCTIONS			
LL31160	9-10-01	1610	water	3	2	2	2		1	2	2	1	15	TRIP BLANK			
LL31170	9-10-01	1200	water	1									1	TRIP BLANK			
 <div style="position: absolute; top: 50%; left: 50%; transform: translate(-50%, -50%); opacity: 0.5;"> 9-12-01 vib </div> 																	
RELINQUISHED BY: <i>Vicki Brumback</i>		Date/Time 9-12-01	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 16		Cooler Temperature: 4°C									
COMPANY NAME: SAIC		1200	COMPANY NAME: SAIC			Cooler ID: J921		FEDEX NUMBER: 829341083820									
RECEIVED BY: <i>Mauro Clough</i>		Date/Time 9-12-01	RELINQUISHED BY:		Date/Time												
COMPANY NAME: SAIC		1200	COMPANY NAME:														
RELINQUISHED BY: <i>Mauro Clough</i>		Date/Time 9-12-01	RECEIVED BY:		Date/Time												
COMPANY NAME: SAIC		1700	COMPANY NAME:														

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CHAIN OF CUSTODY RECORD

PROJECT NAME: Load Line 2, 3, 4 Phase II RI				REQUESTED PARAMETERS										LABORATORY NAME: Severn Trent Labs, Inc.					
DELIVERY ORDER NUMBER: ECA 5 186				TCLP Metals	TCLP SVOCs	TCLP Pesticides	PH	IGNITABILITY									No. of Containers	LABORATORY ADDRESS: 4101 Shuffel Drive NW North Canton, OH 44720 Attn: Debbie Budd	
PROJECT MANAGER: KEVIN JAGO (865) 481-4614																		PHONE NO: 330-497-9396	
SAMPLER (Signature): <i>Martha Clough</i>																		SAMPLER (Printed Name): Martha Clough	
Sample ID	Date Collected	Time Collected	Matrix																
LL21227	12/11/01	1605	SOIL	X	X	X	X												
LL31171	12/11/01	1430	SOIL	X	X	X	X												
LL41184	12/11/01	1505	SOIL	X	X	X	X												
I-238																			
RELINQUISHED BY: <i>Martha Clough</i>		Date/Time	RECEIVED BY:		Date/Time	TOTAL NUMBER OF 9		Cooler Temperature: 4°C											
COMPANY NAME: SAIC			COMPANY NAME:			Cooler ID: J618		FEDEX NUMBER: NA - Hand Delivered											
RECEIVED BY: <i>[Signature]</i>		Date/Time 12/10/01	RELINQUISHED BY:		Date/Time														
COMPANY NAME: STL			COMPANY NAME:																
RELINQUISHED BY:		Date/Time	RECEIVED BY:		Date/Time														
COMPANY NAME:			COMPANY NAME:																

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