

58-17

**QUARTERLY REPORT
QUALITY ASSURED DATA RECEIVED
BETWEEN JULY 1, 2002 AND SEPTEMBER 30, 2002**

FOR

**SMALL ARMS RANGE – AIRFIELD (SEAD-122B)
SOIL AND GROUNDWATER CHEMICAL DATA**

**IRFNA DISPOSAL AREA (SEAD-13)
GROUNDWATER CHEMICAL DATA**

**ASH LANDFILL
GROUNDWATER CHEMICAL DATA**

Prepared for:

**SENECA ARMY DEPOT ACTIVITY
ROMULUS, NEW YORK 14541**

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**QUARTERLY REPORT
QUALITY ASSURED DATA RECEIVED
BETWEEN JULY 1, 2002 AND SEPTEMBER 30, 2002**

- Small Arms Range – Airfield (SEAD-122B) Soil and Groundwater Chemical Data Collected in June and July 2002
- IRFNA Disposal Area (SEAD-13) Groundwater Chemical Data Collected in April 2002
- Ash Landfill Groundwater Chemical Data Collected in August 2002

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD	ASH LAND	ASH LAND	ASH LAND	ASH LAND	ASH LAND
	Location	BN-S	MW-28	MWT-1	MWT-10	MWT-11
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	ARD2176	ARD2177	TR2091	TR2097	TR2098
	Depth Top	0	7.6	7.2	5.75	8.21
	Depth Bot	0	10.39	9.75	8.95	9.95
	Samp_Date	8/16/02	8/16/02	8/15/02	8/16/02	8/16/02
	Samp_Type	SA	SA	SA	SA	SA
	Study	ASH RD	ASH RD	TRENCH	TRENCH	TRENCH
	Round	18	18	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,1,1-Trichloroethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,1,2,2-Tetrachloroethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/L		1 U			
1,1,2-Trichloroethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,1-Dichloroethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,1-Dichloroethene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,1-Dichloropropene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,2,3-Trichlorobenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,2,3-Trichloropropane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,2,4-Trichlorobenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,2,4-Trimethylbenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,2-Dibromo-3-chloropropane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,2-Dibromoethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,2-Dichlorobenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,2-Dichloroethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,2-Dichloroethene (total)	UG/L		17			
1,2-Dichloropropane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,3,5-Trimethylbenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,3-Dichlorobenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,3-Dichloropropane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,4-Dichlorobenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
1,4-Dioxane	UG/L		50 R			
2,2-Dichloropropane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
2-Chloroethylvinylether	UG/L		1 U			

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD	ASH LAND	ASH LAND	ASH LAND	ASH LAND	ASH LAND
	Location	BN-S	MW-28	MWT-1	MWT-10	MWT-11
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	ARD2176	ARD2177	TR2091	TR2097	TR2098
	Depth Top	0	7.6	7.2	5.75	8.21
	Depth Bot	0	10.39	9.75	8.95	9.95
	Samp_Date	8/16/02	8/16/02	8/15/02	8/16/02	8/16/02
	Samp_Type	SA	SA	SA	SA	SA
	Study	ASH RD	ASH RD	TRENCH	TRENCH	TRENCH
	Round	18	18	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds						
2-Chlorotoluene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
2-Nitropropane	UG/L	10 U		13 U	10 U	10 U
Acetone	UG/L	5 UJ	5 U	6.5 UJ	2 UJ	2.2 UJ
Acrolein	UG/L		5 R			
Acrylonitrile	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Allyl chloride	UG/L	0.5 U	1 U	0.65 U	0.63	0.5 U
Benzene	UG/L	0.5 U	1 U	0.65 U	0.65	0.5 U
Bromobenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Bromochloromethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Bromodichloromethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Bromoform	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Butyl chloride	UG/L	0.5 U		0.65 U	0.5 U	0.5 U
Carbon disulfide	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Carbon tetrachloride	UG/L	0.5 U	1 UJ	0.65 U	0.5 U	0.5 U
Chloroacetonitrile	UG/L	25 R		32 R	25 R	25 R
Chlorobenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Chlorodibromomethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Chloroethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Chloroform	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Chloroprene	UG/L		1 U			
Cis-1,2-Dichloroethene	UG/L	0.5 U	16	25	0.8	0.5 U
Cis-1,3-Dichloropropene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Dichlorodifluoromethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Dichloromethyl methyl ketone	UG/L	10 R		13 R	10 R	10 R
Ethyl benzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD	ASH LAND	ASH LAND	ASH LAND	ASH LAND	ASH LAND
	Location	BN-S	MW-28	MWT-1	MWT-10	MWT-11
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	ARD2176	ARD2177	TR2091	TR2097	TR2098
	Depth Top	0	7.6	7.2	5.75	8.21
	Depth Bot	0	10.39	9.75	8.95	9.95
	Samp_Date	8/16/02	8/16/02	8/15/02	8/16/02	8/16/02
	Samp_Type	SA	SA	SA	SA	SA
	Study	ASH RD	ASH RD	TRENCH	TRENCH	TRENCH
	Round	18	18	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds						
Ethyl ether	UG/L	0.5 U		0.65 U	0.5 U	0.5 U
Ethyl methacrylate	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Hexachlorobutadiene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Hexachloroethane	UG/L	0.5 U		0.65 U	0.5 U	0.5 U
Isobutyl alcohol	UG/L		50 R			
Isopropylbenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Methacrylonitrile	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Methyl 2-propenoate	UG/L	0.5 U		0.65 U	0.5 U	0.5 U
Methyl Tertbutyl Ether	UG/L	0.6	1 U	0.65 U	0.5 U	0.5 U
Methyl bromide	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Methyl butyl ketone	UG/L	2.5 UJ	5 U	3.2 UJ	2.5 UJ	2.5 UJ
Methyl chloride	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Methyl ethyl ketone	UG/L	5 R	5 R	6.5 R	5 R	5 R
Methyl iodide	UG/L	0.5 U	1 UJ	0.65 U	0.5 U	0.5 U
Methyl isobutyl ketone	UG/L	2.5 U	5 U	3.2 U	2.5 U	2.5 U
Methyl methacrylate	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Methylene bromide	UG/L	0.5 UJ	1 UJ	0.65 UJ	0.5 UJ	0.5 UJ
Methylene chloride	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Naphthalene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Nitrobenzene	UG/L	25 R		32 R	25 R	25 R
Ortho Xylene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Pentachloroethane	UG/L	0.5 U		0.65 U	0.5 U	0.5 U
Propionitrile	UG/L	25 R	4 R	32 R	25 R	25 R
Propylbenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Styrene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD	ASH LAND	ASH LAND	ASH LAND	ASH LAND	ASH LAND
	Location	BN-S	MW-28	MWT-1	MWT-10	MWT-11
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	ARD2176	ARD2177	TR2091	TR2097	TR2098
	Depth Top	0	7.6	7.2	5.75	8.21
	Depth Bot	0	10.39	9.75	8.95	9.95
	Samp_Date	8/16/02	8/16/02	8/15/02	8/16/02	8/16/02
	Samp_Type	SA	SA	SA	SA	SA
	Study	ASH RD	ASH RD	TRENCH	TRENCH	TRENCH
	Round	18	18	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds						
Tetrachloroethene	UG/L	0.5 UJ	1 U	0.65 UJ	0.5 UJ	0.5 UJ
Tetrahydrofuran	UG/L	2.5 U	14 U	3.2 U	2.5 U	2.5 U
Toluene	UG/L	0.5 U	1 U	0.65 U	0.28 J	0.5 U
Total Xylenes	UG/L	0.5 U		0.65 U	0.5 U	0.5 U
Total Xylenes-A	UG/L		1 U			
Trans-1,2-Dichloroethene	UG/L	0.5 U	0.3 J	0.65 U	0.5 U	0.5 U
Trans-1,3-Dichloropropene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Trans-1,4-Dichloro-2-butene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Trichloroethene	UG/L	0.5 U	20	6	0.5 U	0.29 J
Trichlorofluoromethane	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
Vinyl acetate	UG/L		1 U			
Vinyl chloride	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
cis-1,4-Dichloro-2-butene	UG/L		1 U			
n-Butylbenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
p-Chlorotoluene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
p-Isopropyltoluene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
sec-Butylbenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U
tert-Butylbenzene	UG/L	0.5 U	1 U	0.65 U	0.5 U	0.5 U

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD	ASH LAND	ASH LAND	ASH LAND	ASH LAND	ASH LAND
	Location	MWT-3	MWT-4	MWT-6	MWT-6	MWT-7
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	TR2092	TR2093	TR2094	TR2099	TR2095
	Depth Top	7.35	8.75	9	9	10.25
	Depth Bot	10	12.28	12.42	12.42	13.92
	Samp_Date	8/15/02	8/15/02	8/15/02	8/15/02	8/15/02
	Samp_Type	SA	SA	SA	SA	SA
	Study	TRENCH	TRENCH	TRENCH	TRENCH	TRENCH
	Round	18	18	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds						
1,1,1,2-Tetrachloroethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,1,1-Trichloroethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,1,2,2-Tetrachloroethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/L					
1,1,2-Trichloroethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,1-Dichloroethane	UG/L	0.5 U	3 U	0.5	0.53	14 U
1,1-Dichloroethene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,1-Dichloropropene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,2,3-Trichlorobenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,2,3-Trichloropropane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,2,4-Trichlorobenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,2,4-Trimethylbenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,2-Dibromo-3-chloropropane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,2-Dibromoethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,2-Dichlorobenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,2-Dichloroethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,2-Dichloroethene (total)	UG/L					
1,2-Dichloropropane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,3,5-Trimethylbenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,3-Dichlorobenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,3-Dichloropropane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,4-Dichlorobenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
1,4-Dioxane	UG/L					
2,2-Dichloropropane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
2-Chloroethylvinylether	UG/L					

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD Location Matrix Samp_Id Depth_Top Depth_Bot Samp_Date Samp_Type Study Round	ASH LAND MWT-3 GRDWATER TR2092 7.35 10 8/15/02 SA TRENCH 18	ASH LAND MWT-4 GRDWATER TR2093 8.75 12.28 8/15/02 SA TRENCH 18	ASH LAND MWT-6 GRDWATER TR2094 9 12.42 8/15/02 SA TRENCH 18	ASH LAND MWT-6 GRDWATER TR2099 9 12.42 8/15/02 SA TRENCH 18	ASH LAND MWT-7 GRDWATER TR2095 10.25 13.92 8/15/02 SA TRENCH 18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds						
2-Chlorotoluene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
2-Nitropropane	UG/L	10 U	61 U	10 U	10 U	280 U
Acetone	UG/L	5 UJ	30 UJ	5 UJ	0.8 J	140 UJ
Acrolein	UG/L					
Acrylonitrile	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Allyl chloride	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Benzene	UG/L	0.22 J	3 U	0.43 J	0.43 J	14 U
Bromobenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Bromochloromethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Bromodichloromethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Bromoform	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Butyl chloride	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Carbon disulfide	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Carbon tetrachloride	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Chloroacetonitrile	UG/L	25 R	150 R	25 R	25 R	690 R
Chlorobenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Chlorodibromomethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Chloroethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Chloroform	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Chloroprene	UG/L					
Cis-1,2-Dichloroethene	UG/L	20	95	19	23	32
Cis-1,3-Dichloropropene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Dichlorodifluoromethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Dichloromethyl methyl ketone	UG/L	10 R	61 R	10 R	10 R	280 R
Ethyl benzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD Location	ASH LAND MWT-3	ASH LAND MWT-4	ASH LAND MWT-6	ASH LAND MWT-6	ASH LAND MWT-7
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	TR2092	TR2093	TR2094	TR2099	TR2095
	Depth Top	7.35	8.75	9	9	10.25
	Depth Bot	10	12.28	12.42	12.42	13.92
	Samp_Date	8/15/02	8/15/02	8/15/02	8/15/02	8/15/02
	Samp_Type	SA	SA	SA	SA	SA
	Study	TRENCH	TRENCH	TRENCH	TRENCH	TRENCH
	Round	18	18	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds						
Ethyl ether	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Ethyl methacrylate	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Hexachlorobutadiene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Hexachloroethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Isobutyl alcohol	UG/L					
Isopropylbenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Methacrylonitrile	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Methyl 2-propenoate	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Methyl Tertbutyl Ether	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Methyl bromide	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Methyl butyl ketone	UG/L	2.5 UJ	15 UJ	2.5 UJ	2.5 UJ	69 UJ
Methyl chloride	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Methyl ethyl ketone	UG/L	5 R	30 R	5 R	5 R	140 R
Methyl iodide	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Methyl isobutyl ketone	UG/L	2.5 U	15 U	2.5 U	2.5 U	69 U
Methyl methacrylate	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Methylene bromide	UG/L	0.5 UJ	3 UJ	0.5 UJ	0.5 UJ	14 UJ
Methylene chloride	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Naphthalene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Nitrobenzene	UG/L	25 R	150 R	25 R	25 R	690 R
Ortho Xylene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Pentachloroethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Propionitrile	UG/L	25 R	150 R	25 R	25 R	690 R
Propylbenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Styrene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD	ASH LAND	ASH LAND	ASH LAND	ASH LAND	ASH LAND
	Location	MWT-3	MWT-4	MWT-6	MWT-6	MWT-7
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	TR2092	TR2093	TR2094	TR2099	TR2095
	Depth Top	7.35	8.75	9	9	10.25
	Depth Bot	10	12.28	12.42	12.42	13.92
	Samp_Date	8/15/02	8/15/02	8/15/02	8/15/02	8/15/02
	Samp_Type	SA	SA	SA	SA	SA
	Study	TRENCH	TRENCH	TRENCH	TRENCH	TRENCH
	Round	18	18	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds						
Tetrachloroethene	UG/L	0.5 UJ	3 UJ	0.5 UJ	0.5 UJ	14 UJ
Tetrahydrofuran	UG/L	2.5 U	15 U	2.5 U	2.5 U	69 U
Toluene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Total Xylenes	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Total Xylenes-A	UG/L					
Trans-1,2-Dichloroethene	UG/L	0.55	3 U	0.5 U	0.5 U	14 U
Trans-1,3-Dichloropropene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Trans-1,4-Dichloro-2-butene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Trichloroethene	UG/L	3.5	3.7	0.4 J	0.67 J	540
Trichlorofluoromethane	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
Vinyl acetate	UG/L					
Vinyl chloride	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
cis-1,4-Dichloro-2-butene	UG/L					
n-Butylbenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
p-Chlorotoluene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
p-Isopropyltoluene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
sec-Butylbenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U
tert-Butylbenzene	UG/L	0.5 U	3 U	0.5 U	0.5 U	14 U

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD	ASH LAND	ASH LAND	ASH LAND
	Location	MWT-9	PT-24	PT-24
	Matrix	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	TR2096	ARD2180	ARD2181
	Depth Top	11.48	7.35	7.35
	Depth Bot	14.08	11.88	11.88
	Samp_Date	8/16/02	8/15/02	8/15/02
	Samp_Type	SA	SA	SA
	Study	TRENCH	ASH RD	ASH RD
	Round	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds				
1,1,1,2-Tetrachloroethane	UG/L	4.4 U	2.4 U	2.7 U
1,1,1-Trichloroethane	UG/L	4.4 U	2.4 U	2.7 U
1,1,2,2-Tetrachloroethane	UG/L	4.4 U	2.4 U	2.7 U
1,1,2-Trichloro-1,2,2-Trifluoroethane	UG/L	4.4 U	2.4 U	2.7 U
1,1,2-Trichloroethane	UG/L	4.4 U	2.4 U	2.7 U
1,1-Dichloroethane	UG/L	4.4 U	0.6 J	2.7 U
1,1-Dichloroethene	UG/L	4.4 U	2.4 U	2.7 U
1,1-Dichloropropene	UG/L	4.4 U	2.4 U	2.7 U
1,2,3-Trichlorobenzene	UG/L	4.4 U	2.4 U	2.7 U
1,2,3-Trichloropropane	UG/L	4.4 U	2.4 U	2.7 U
1,2,4-Trichlorobenzene	UG/L	4.4 U	2.4 U	2.7 U
1,2,4-Trimethylbenzene	UG/L	4.4 U	2.4 U	2.7 U
1,2-Dibromo-3-chloropropane	UG/L	4.4 U	2.4 U	2.7 U
1,2-Dibromoethane	UG/L	4.4 U	2.4 U	2.7 U
1,2-Dichlorobenzene	UG/L	4.4 U	2.4 U	2.7 U
1,2-Dichloroethane	UG/L	4.4 U	2.4 U	2.7 U
1,2-Dichloroethene (total)	UG/L		67	72
1,2-Dichloropropane	UG/L	4.4 U	2.4 U	2.7 U
1,3,5-Trimethylbenzene	UG/L	4.4 U	2.4 U	2.7 U
1,3-Dichlorobenzene	UG/L	4.4 U	2.4 U	2.7 U
1,3-Dichloropropane	UG/L	4.4 U	2.4 U	2.7 U
1,4-Dichlorobenzene	UG/L	4.4 U	2.4 U	2.7 U
1,4-Dioxane	UG/L		120 R	140 R
2,2-Dichloropropane	UG/L	4.4 U	2.4 U	2.7 U
2-Chloroethylvinylether	UG/L		2.4 U	2.7 U

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD Location Matrix Samp_Id Depth_Top Depth_Bot Samp_Date Samp_Type Study Round	ASH LAND MWT-9 GRDWATER TR2096 11.48 14.08 8/16/02 SA TRENCH 18	ASH LAND PT-24 GRDWATER ARD2180 7.35 11.88 8/15/02 SA ASH RD 18	ASH LAND PT-24 GRDWATER ARD2181 7.35 11.88 8/15/02 SA ASH RD 18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds				
2-Chlorotoluene	UG/L	4.4 U	2.4 U	2.7 U
2-Nitropropane	UG/L	88 U		
Acetone	UG/L	44 UJ	8.4 J	9.4 J
Acrolein	UG/L		12 R	14 R
Acrylonitrile	UG/L	4.4 U	2.4 U	2.7 U
Allyl chloride	UG/L	4.4 U	2.4 U	2.7 U
Benzene	UG/L	4.4 U	2.4 U	2.7 U
Bromobenzene	UG/L	4.4 U	2.4 U	2.7 U
Bromochloromethane	UG/L	4.4 U	2.4 U	2.7 U
Bromodichloromethane	UG/L	4.4 U	2.4 U	2.7 U
Bromoform	UG/L	4.4 U	2.4 U	2.7 U
Butyl chloride	UG/L	4.4 U		
Carbon disulfide	UG/L	4.4 U	2.4 U	2.7 U
Carbon tetrachloride	UG/L	4.4 U	2.4 UJ	2.7 UJ
Chloroacetonitrile	UG/L	220 R		
Chlorobenzene	UG/L	4.4 U	2.4 U	2.7 U
Chlorodibromomethane	UG/L	4.4 U	2.4 U	2.7 U
Chloroethane	UG/L	4.4 U	2.4 U	2.7 U
Chloroform	UG/L	4.4 U	2.4 U	2.7 U
Chloroprene	UG/L		2.4 U	2.7 U
Cis-1,2-Dichloroethene	UG/L	170	66	71
Cis-1,3-Dichloropropene	UG/L	4.4 U	2.4 U	2.7 U
Dichlorodifluoromethane	UG/L	4.4 U	2.4 U	2.7 U
Dichloromethyl methyl ketone	UG/L	88 R		
Ethyl benzene	UG/L	4.4 U	2.4 U	2.7 U

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD	ASH LAND	ASH LAND	ASH LAND
	Location	MWT-9	PT-24	PT-24
	Matrix	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	TR2096	ARD2180	ARD2181
	Depth Top	11.48	7.35	7.35
	Depth Bot	14.08	11.88	11.88
	Samp_Date	8/16/02	8/15/02	8/15/02
	Samp_Type	SA	SA	SA
	Study	TRENCH	ASH RD	ASH RD
	Round	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds				
Ethyl ether	UG/L	4.4 U		
Ethyl methacrylate	UG/L	4.4 U	2.4 U	2.7 U
Hexachlorobutadiene	UG/L	4.4 U	2.4 U	2.7 U
Hexachloroethane	UG/L	4.4 U		
Isobutyl alcohol	UG/L		120 R	140 R
Isopropylbenzene	UG/L	4.4 U	2.4 U	2.7 U
Methacrylonitrile	UG/L	4.4 U	2.4 U	2.7 U
Methyl 2-propenoate	UG/L	4.4 U		
Methyl Tertbutyl Ether	UG/L	4.4 U	2.4 U	2.7 U
Methyl bromide	UG/L	4.4 U	2.4 U	2.7 U
Methyl butyl ketone	UG/L	22 UJ	12 U	14 U
Methyl chloride	UG/L	4.4 U	2.4 U	2.7 U
Methyl ethyl ketone	UG/L	44 R	12 R	14 R
Methyl iodide	UG/L	4.4 U	2.4 UJ	2.7 UJ
Methyl isobutyl ketone	UG/L	22 U	12 U	14 U
Methyl methacrylate	UG/L	4.4 U	2.4 U	2.7 U
Methylene bromide	UG/L	4.4 UJ	2.4 UJ	2.7 UJ
Methylene chloride	UG/L	4.4 U	1.7 J	1.9 J
Naphthalene	UG/L	4.4 U	2.4 U	2.7 U
Nitrobenzene	UG/L	220 R		
Ortho Xylene	UG/L	4.4 U	2.4 U	2.7 U
Pentachloroethane	UG/L	4.4 U		
Propionitrile	UG/L	220 R	9.6 R	11 R
Propylbenzene	UG/L	4.4 U	2.4 U	2.7 U
Styrene	UG/L	4.4 U	2.4 U	2.7 U

**Groundwater Data
Ash Landfill**

Seneca Army Depot Activity - Romulus, New York

	SEAD	ASH LAND	ASH LAND	ASH LAND
	Location	MWT-9	PT-24	PT-24
	Matrix	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	TR2096	ARD2180	ARD2181
	Depth Top	11.48	7.35	7.35
	Depth Bot	14.08	11.88	11.88
	Samp_Date	8/16/02	8/15/02	8/15/02
	Samp_Type	SA	SA	SA
	Study	TRENCH	ASH RD	ASH RD
	Round	18	18	18
Compounds	Units	Value (Q)	Value (Q)	Value (Q)
Volatile Organic Compounds				
Tetrachloroethene	UG/L	4.4 UJ	2.4 U	2.7 U
Tetrahydrofuran	UG/L	22 U	34 U	38 U
Toluene	UG/L	4.4 U	2.4 U	2.7 U
Total Xylenes	UG/L	4.4 U		
Total Xylenes-A	UG/L		2.4 U	2.7 U
Trans-1,2-Dichloroethene	UG/L	4.4 U	2.4 U	2.7 U
Trans-1,3-Dichloropropene	UG/L	4.4 U	2.4 U	2.7 U
Trans-1,4-Dichloro-2-butene	UG/L	4.4 U	2.4 U	2.7 U
Trichloroethene	UG/L	140	3.9	4.1
Trichlorofluoromethane	UG/L	4.4 U	2.4 U	2.7 U
Vinyl acetate	UG/L		2.4 U	2.7 U
Vinyl chloride	UG/L	4.4 U	2.4 U	2.7 U
cis-1,4-Dichloro-2-butene	UG/L		2.4 U	2.7 U
n-Butylbenzene	UG/L	4.4 U	2.4 U	2.7 U
p-Chlorotoluene	UG/L	4.4 U	2.4 U	2.7 U
p-Isopropyltoluene	UG/L	4.4 U	2.4 U	2.7 U
sec-Butylbenzene	UG/L	4.4 U	2.4 U	2.7 U
tert-Butylbenzene	UG/L	4.4 U	2.4 U	2.7 U

**Groundwater Data
IRFNA Disposal Area - SEAD-13**

Seneca Army Depot Activity - Romulus, New York

	SEAD Location	SEAD-13 MW13-1	SEAD-13 MW13-11	SEAD-13 MW13-12	SEAD-13 MW13-13	SEAD-13 MW13-13
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	132014	132023	132024	132025	132021
	Depth Top	14	15	9	14	15
	Depth Bot	14	15	9	14	15
	Samp_Date	4/4/02	4/4/02	4/5/02	4/4/02	4/4/02
	Samp Type	SA	SA	SA	DU	SA
	Samp Round	2	2	2	2	2
Compound	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Semivolatile Organic Compounds						
1,2,4-Trichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	UG/L	2.6 U	2.5 U	2.6 U	2.5 U	2.5 U
2,4,6-Trichlorophenol	UG/L	1 U	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	UG/L	1 U	1 U	1 U	1 U	1 U
2,4-Dimethylphenol	UG/L	1 U	1 U	1 U	1 U	1 U
2,4-Dinitrophenol	UG/L	2.6 R	2.5 R	2.6 UJ	2.5 R	2.5 R
2,4-Dinitrotoluene	UG/L	1 U	1 U	1 U	1 U	1 U
2,6-Dinitrotoluene	UG/L	1 U	1 U	1 U	1 U	1 U
2-Chloronaphthalene	UG/L	1 U	1 U	1 U	1 U	1 U
2-Chlorophenol	UG/L	1 U	1 U	1 U	1 U	1 U
2-Methylnaphthalene	UG/L	1 U	1 U	1 U	1 U	1 U
2-Methylphenol	UG/L	1 U	1 U	1 U	1 U	1 U
2-Nitroaniline	UG/L	2.6 U	2.5 U	2.6 U	2.5 U	2.5 U
2-Nitrophenol	UG/L	1 U	1 U	1 U	1 U	1 U
3,3'-Dichlorobenzidine	UG/L	1 U	1 U	1 U	1 U	1 U
3-Nitroaniline	UG/L	2.6 U	2.5 U	2.6 U	2.5 U	2.5 U
4,6-Dinitro-2-methylphenol	UG/L	2.6 UJ	2.5 UJ	2.6 UJ	2.5 UJ	2.5 UJ
4-Bromophenyl phenyl ether	UG/L	1 U	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	UG/L	1 U	1 U	1 U	1 U	1 U
4-Chloroaniline	UG/L	1 U	1 U	1 U	1 U	1 U
4-Chlorophenyl phenyl ether	UG/L	1 U	1 U	1 U	1 U	1 U
4-Methylphenol	UG/L	1 U	1 U	1 U	1 U	1 U
4-Nitroaniline	UG/L	2.6 U	2.5 U	2.6 U	2.5 U	2.5 U

**Groundwater Data
IRFNA Disposal Area - SEAD-13**

Seneca Army Depot Activity - Romulus, New York

SEAD Location Matrix Samp_Id Depth Top Depth Bot Samp_Date Samp_Type Samp Round Compound	SEAD-13 MW13-1 GRDWATER 132014 14 14 4/4/02 SA 2 Units	SEAD-13 MW13-11 GRDWATER 132023 15 15 4/4/02 SA 2 Value (Q)	SEAD-13 MW13-11 GRDWATER 132023 15 15 4/4/02 SA 2 Value (Q)	SEAD-13 MW13-12 GRDWATER 132024 9 9 4/5/02 SA 2 Value (Q)	SEAD-13 MW13-13 GRDWATER 132025 14 14 4/4/02 DU 2 Value (Q)	SEAD-13 MW13-13 GRDWATER 132021 15 15 4/4/02 SA 2 Value (Q)
Semivolatile Organic Compounds						
4-Nitrophenol	UG/L	2.6 U	2.5 U	2.6 U	2.5 U	2.5 U
Acenaphthene	UG/L	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	UG/L	1 U	1 U	1 U	1 U	1 U
Anthracene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(ghi)perylene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	UG/L	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroethoxy)methane	UG/L	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroethyl)ether	UG/L	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl)ether	UG/L	1 U	1 U	1 U	1 U	1 U
Bis(2-Ethylhexyl)phthalate	UG/L	1 U	1 U	2.6	1 U	1 U
Butylbenzylphthalate	UG/L	1 U	0.069 J	1 U	0.059 J	1 U
Carbazole	UG/L	1 U	1 U	1 U	1 U	1 U
Chrysene	UG/L	1 U	1 U	1 U	1 U	1 U
Di-n-butylphthalate	UG/L	1 U	1 U	1 U	1 U	1 U
Di-n-octylphthalate	UG/L	1 U	1 U	1 UJ	1 U	1 U
Dibenz(a,h)anthracene	UG/L	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	UG/L	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	UG/L	0.084 J	0.16 J	0.057 J	0.054 J	0.067 J
Dimethylphthalate	UG/L	1 U	1 U	1 U	1 U	1 U
Fluoranthene	UG/L	1 U	1 U	1 U	1 U	1 U
Fluorene	UG/L	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	UG/L	1 U	1 U	1 U	1 U	1 U

Groundwater Data
IRFNA Disposal Area - SEAD-13

Seneca Army Depot Activity - Romulus, New York

SEAD	SEAD-13	SEAD-13	SEAD-13	SEAD-13	SEAD-13
Location	MW13-1	MW13-11	MW13-12	MW13-13	MW13-13
Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
Samp_Id	132014	132023	132024	132025	132021
Depth Top	14	15	9	14	15
Depth Bot	14	15	9	14	15
Samp_Date	4/4/02	4/4/02	4/5/02	4/4/02	4/4/02
Samp_Type	SA	SA	SA	DU	SA
Samp Round	2	2	2	2	2
Compound	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Semivolatile Organic Compounds					
Hexachlorocyclopentadiene	UG/L	1 U	1 U	1 U	1 U
Hexachloroethane	UG/L	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	UG/L	1 U	1 U	1 U	1 U
Isophorone	UG/L	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	UG/L	1 U	1 U	1 U	1 U
N-Nitrosodipropylamine	UG/L	1 U	1 U	1 U	1 U
Naphthalene	UG/L	1 U	1 U	1 U	1 U
Nitrobenzene	UG/L	1 U	1 U	1 U	1 U
Pentachlorophenol	UG/L	2.6 UJ	2.5 UJ	2.6 U	2.5 UJ
Phenanthrene	UG/L	1 U	1 U	1 U	1 U
Phenol	UG/L	1 U	1 U	1 U	1 U
Pyrene	UG/L	1 U	1 U	1 U	1 U
Metals					
Aluminum	UG/L	18.9 J	50.4 J	138 J	27.2 J
Antimony	UG/L	3.1 J	1.8 U	1.8 U	2.1 J
Arsenic	UG/L	2.2 U	2.2 U	2.2 U	2.2 U
Barium	UG/L	59.8 J	18.5 J	25.7 J	30.8 J
Beryllium	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Cadmium	UG/L	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	UG/L	93900	614000	182000	900000
Chromium	UG/L	1.4 U	1.4 U	1.4 U	1.4 U
Cobalt	UG/L	2.9 U	14.1 J	2.9 U	4.1 J
Copper	UG/L	1.4 U	1.4 U	1.4 U	1.4 U
Cyanide	UG/L	10 UJ	20.2 J	10 UJ	74 J
Iron	UG/L	17 U	441	891	59.2 J
Lead	UG/L	0.8 R	0.8 R	0.8 R	0.8 R

**Groundwater Data
IRFNA Disposal Area - SEAD-13**

Seneca Army Depot Activity - Romulus, New York

	SEAD Location	SEAD-13 MW13-1	SEAD-13 MW13-11	SEAD-13 MW13-12	SEAD-13 MW13-13	SEAD-13 MW13-13
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	132014	132023	132024	132025	132021
	Depth Top	14	15	9	14	15
	Depth Bot	14	15	9	14	15
	Samp_Date	4/4/02	4/4/02	4/5/02	4/4/02	4/4/02
	Samp Type	SA	SA	SA	DU	SA
	Samp Round	2	2	2	2	2
Compound	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Metals						
Magnesium	UG/L	22600	301000	72000	314000	314000
Manganese	UG/L	130	2810	618	397	391
Mercury	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	UG/L	2.4 U	34.3 J	2.4 U	9.5 J	9.9 J
Potassium	UG/L	1200 J	42000 J	14800 J	6380	6870
Selenium	UG/L	2 U	17.8 J	2 U	2 U	2 U
Silver	UG/L	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Sodium	UG/L	7930	52700	17200	18100	18500
Thallium	UG/L	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
Vanadium	UG/L	2 U	2 U	2 U	2 U	2 U
Zinc	UG/L	1.4 J	0.9 U	0.9 U	1.9 J	1.5 J

Groundwater Data
IRFNA Disposal Area - SEAD-13

Seneca Army Depot Activity - Romulus, New York

SEAD	SEAD-13	SEAD-13	SEAD-13	SEAD-13	SEAD-13
Location	MW13-14	MW13-2	MW13-4	MW13-5	MW13-6
Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
Samp_Id	132022	132015	132017	132018	132019
Depth Top	15	17	11	15	10
Depth Bot	15	17	11	15	10
Samp_Date	4/4/02	4/4/02	4/5/02	4/5/02	4/5/02
Samp Type	SA	SA	SA	SA	SA
Samp Round	2	2	2	2	2
Compound	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Semivolatile Organic Compounds					
1,2,4-Trichlorobenzene	UG/L	1 U	1 U	1 U	1 U
1,2-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U
1,3-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U
1,4-Dichlorobenzene	UG/L	1 U	1 U	1 U	1 U
2,4,5-Trichlorophenol	UG/L	2.5 U	2.5 U	2.6 U	2.6 U
2,4,6-Trichlorophenol	UG/L	1 U	1 U	1 U	1 U
2,4-Dichlorophenol	UG/L	1 U	1 U	1 U	1 U
2,4-Dimethylphenol	UG/L	1 U	1 U	1 U	1 U
2,4-Dinitrophenol	UG/L	2.5 R	2.5 R	2.6 UJ	2.6 UJ
2,4-Dinitrotoluene	UG/L	1 U	1 U	1 U	1 U
2,6-Dinitrotoluene	UG/L	1 U	1 U	1 U	1 U
2-Chloronaphthalene	UG/L	1 U	1 U	1 U	1 U
2-Chlorophenol	UG/L	1 U	1 U	1 U	1 U
2-Methylnaphthalene	UG/L	1 U	1 U	1 U	1 U
2-Methylphenol	UG/L	1 U	1 U	1 U	1 U
2-Nitroaniline	UG/L	2.5 U	2.5 U	2.6 U	2.6 U
2-Nitrophenol	UG/L	1 U	1 U	1 U	1 U
3,3'-Dichlorobenzidine	UG/L	1 U	1 U	1 U	1 U
3-Nitroaniline	UG/L	2.5 U	2.5 U	2.6 U	2.6 U
4,6-Dinitro-2-methylphenol	UG/L	2.5 UJ	2.5 UJ	2.6 UJ	2.6 UJ
4-Bromophenyl phenyl ether	UG/L	1 U	1 U	1 U	1 U
4-Chloro-3-methylphenol	UG/L	1 U	1 U	1 U	1 U
4-Chloroaniline	UG/L	1 U	1 U	1 U	1 U
4-Chlorophenyl phenyl ether	UG/L	1 U	1 U	1 U	1 U
4-Methylphenol	UG/L	1 U	1 U	1 U	1 U
4-Nitroaniline	UG/L	2.5 U	2.5 U	2.6 U	2.6 U

Groundwater Data
IRFNA Disposal Area - SEAD-13

Seneca Army Depot Activity - Romulus, New York

	SEAD	SEAD-13	SEAD-13	SEAD-13	SEAD-13	SEAD-13
	Location	MW13-14	MW13-2	MW13-4	MW13-5	MW13-6
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	132022	132015	132017	132018	132019
	Depth Top	15	17	11	15	10
	Depth Bot	15	17	11	15	10
	Samp_Date	4/4/02	4/4/02	4/5/02	4/5/02	4/5/02
	Samp Type	SA	SA	SA	SA	SA
	Samp Round	2	2	2	2	2
Compound	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Semivolatile Organic Compounds						
4-Nitrophenol	UG/L	2.5 U	2.5 U	2.6 U	2.6 U	2.6 U
Acenaphthene	UG/L	1 U	1 U	1 U	1 U	1 U
Acenaphthylene	UG/L	1 U	1 U	1 U	1 U	1 U
Anthracene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(a)anthracene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(a)pyrene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(b)fluoranthene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(ghi)perylene	UG/L	1 U	1 U	1 U	1 U	1 U
Benzo(k)fluoranthene	UG/L	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroethoxy)methane	UG/L	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroethyl)ether	UG/L	1 U	1 U	1 U	1 U	1 U
Bis(2-Chloroisopropyl)ether	UG/L	1 U	1 U	1 U	1 U	1 U
Bis(2-Ethylhexyl)phthalate	UG/L	1 U	1 U	1 U	1.3	1 U
Butylbenzylphthalate	UG/L	1 U	1 U	1 U	1 U	1 U
Carbazole	UG/L	1 U	1 U	1 U	1 U	1 U
Chrysene	UG/L	1 U	1 U	1 U	1 U	1 U
Di-n-butylphthalate	UG/L	1 U	1 U	1 U	1 U	1 U
Di-n-octylphthalate	UG/L	1 U	1 U	1 UJ	1 UJ	1 UJ
Dibenz(a,h)anthracene	UG/L	1 U	1 U	1 U	1 U	1 U
Dibenzofuran	UG/L	1 U	1 U	1 U	1 U	1 U
Diethyl phthalate	UG/L	0.16 J	0.059 J	0.14 J	0.085 J	1 U
Dimethylphthalate	UG/L	1 U	1 U	1 U	1 U	1 U
Fluoranthene	UG/L	1 U	1 U	1 U	1 U	1 U
Fluorene	UG/L	1 U	1 U	1 U	1 U	1 U
Hexachlorobenzene	UG/L	1 U	1 U	1 U	1 U	1 U
Hexachlorobutadiene	UG/L	1 U	1 U	1 U	1 U	1 U

**Groundwater Data
IRFNA Disposal Area - SEAD-13**

Seneca Army Depot Activity - Romulus, New York

SEAD Location Matrix Samp_Id Depth Top Depth Bot Samp_Date Samp Type Samp Round Compound	SEAD-13 MW13-14 GRDWATER 132022 15 15 4/4/02 SA 2 Units	SEAD-13 MW13-2 GRDWATER 132015 17 17 4/4/02 SA 2 Value (Q)	SEAD-13 MW13-4 GRDWATER 132017 11 11 4/5/02 SA 2 Value (Q)	SEAD-13 MW13-5 GRDWATER 132018 15 15 4/5/02 SA 2 Value (Q)	SEAD-13 MW13-6 GRDWATER 132019 10 10 4/5/02 SA 2 Value (Q)
Semivolatile Organic Compounds					
Hexachlorocyclopentadiene	UG/L	1 U	1 U	1 U	1 U
Hexachloroethane	UG/L	1 U	1 U	1 U	1 U
Indeno(1,2,3-cd)pyrene	UG/L	1 U	1 U	1 U	1 U
Isophorone	UG/L	1 U	1 U	1 U	1 U
N-Nitrosodiphenylamine	UG/L	1 U	1 U	1 U	1 U
N-Nitrosodipropylamine	UG/L	1 U	1 U	1 U	1 U
Naphthalene	UG/L	1 U	1 U	1 U	1 U
Nitrobenzene	UG/L	1 U	1 U	1 U	1 U
Pentachlorophenol	UG/L	2.5 UJ	2.5 UJ	2.6 U	2.6 U
Phenanthrene	UG/L	1 U	1 U	1 U	1 U
Phenol	UG/L	1 U	1 U	1 U	1 U
Pyrene	UG/L	1 U	1 U	1 U	1 U
Metals					
Aluminum	UG/L	105 J	18.3 U	18.3 U	18.3 U
Antimony	UG/L	1.8 U	1.8 U	1.8 U	1.8 U
Arsenic	UG/L	2.2 U	2.2 U	2.2 U	2.2 U
Barium	UG/L	25.2 J	20 J	64.3 J	53.4 J
Beryllium	UG/L	0.1 U	0.1 U	0.1 U	0.1 U
Cadmium	UG/L	0.5 U	0.5 U	0.5 U	0.5 U
Calcium	UG/L	408000	594000	102000	111000
Chromium	UG/L	2.3 J	1.4 U	2.2 J	1.4 U
Cobalt	UG/L	5.5 J	2.9 U	2.9 U	2.9 U
Copper	UG/L	1.4 U	3.1 J	2.3 J	1.4 U
Cyanide	UG/L	11 J	10 UJ	10 UJ	10 UJ
Iron	UG/L	220	17.6 J	1370	17 U
Lead	UG/L	0.8 R	0.8 U	0.8 R	0.8 R

**Groundwater Data
IRFNA Disposal Area - SEAD-13**

Seneca Army Depot Activity - Romulus, New York

	SEAD	SEAD-13	SEAD-13	SEAD-13	SEAD-13	SEAD-13
	Location	MW13-14	MW13-2	MW13-4	MW13-5	MW13-6
	Matrix	GRDWATER	GRDWATER	GRDWATER	GRDWATER	GRDWATER
	Samp_Id	132022	132015	132017	132018	132019
	Depth Top	15	17	11	15	10
	Depth Bot	15	17	11	15	10
	Samp_Date	4/4/02	4/4/02	4/5/02	4/5/02	4/5/02
	Samp_Type	SA	SA	SA	SA	SA
	Samp Round	2	2	2	2	2
Compound	Units	Value (Q)	Value (Q)	Value (Q)	Value (Q)	Value (Q)
Metals						
Magnesium	UG/L	278000	231000	18900	57200	46800
Manganese	UG/L	1580	192	1390	37.1	2.3 J
Mercury	UG/L	0.1 U	0.1 U	0.1 U	0.1 U	0.1 U
Nickel	UG/L	12.6 J	4.8 J	3.6 J	2.4 U	2.4 U
Potassium	UG/L	25700 J	3460 J	1190 J	2970 J	2560 J
Selenium	UG/L	7.4 J	2 U	2.4 J	2.5 J	3 J
Silver	UG/L	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U
Sodium	UG/L	28700	15300	14000	23400	12700
Thallium	UG/L	5.8 U	5.8 U	5.8 U	5.8 U	5.8 U
Vanadium	UG/L	2 U	2 U	2 U	2 U	2 U
Zinc	UG/L	0.9 U	0.94 J	2.6 J	2.5 J	4.3 J

**Soil Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-0004	122B-0005	122B-1001A	122B-1001B	122B-1002A	122B-1002B
		Lab Sample Id:	493141	493746	492542	492543	492544	492545
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88692	88784	88617	88617	88617	88617
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	7/3/02	7/12/02	6/28/02	6/28/02	6/28/02	6/28/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg			7630			10800
7429-90-5	Aluminum	ug/L						
7440-36-0	Antimony	mg/Kg			4.9 J			0.74 J
7440-36-0	Antimony	ug/L						
7440-38-2	Arsenic	mg/Kg			4.8			4.1
7440-38-2	Arsenic	ug/L						
7440-39-3	Barium	mg/Kg			87.4			84.3
7440-39-3	Barium	ug/L						
7440-41-7	Beryllium	mg/Kg			0.36 J			0.57 J
7440-41-7	Beryllium	ug/L						
7440-43-9	Cadmium	mg/Kg			0.49 J			0.55 J
7440-43-9	Cadmium	ug/L						
7440-70-2	Calcium	mg/Kg			66700			23600
7440-70-2	Calcium	ug/L						
7440-47-3	Chromium	mg/Kg			14.6			19.6
7440-47-3	Chromium	ug/L						
7440-48-4	Cobalt	mg/Kg			5.9 J			7.8 J
7440-48-4	Cobalt	ug/L						
7440-50-8	Copper	mg/Kg			71.5 J			27.8 J
7440-50-8	Copper	ug/L						
7439-89-6	Iron	mg/Kg			15100			19800
7439-89-6	Iron	ug/L						
7439-92-1	Lead	mg/Kg			55.6	7.8	11.8	47.7
7439-92-1	Lead	ug/L						
7439-95-4	Magnesium	mg/Kg			24100			8770
7439-95-4	Magnesium	ug/L						
7439-96-5	Manganese	mg/Kg			473			576
7439-96-5	Manganese	ug/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-0004	122B-0005	122B-1001A	122B-1001B	122B-1002A	122B-1002B
		Lab Sample Id:	493141	493746	492542	492543	492544	492545
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88692	88784	88617	88617	88617	88617
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	7/3/02	7/12/02	6/28/02	6/28/02	6/28/02	6/28/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg			0.045 U			0.05 U
7439-97-6	Mercury	ug/L						
7440-02-0	Nickel	mg/Kg			14.8			18.5
7440-02-0	Nickel	ug/L						
7440-09-7	Potassium	mg/Kg			1610			1690
7440-09-7	Potassium	ug/L						
7782-49-2	Selenium	mg/Kg			0.53 U			0.52 U
7782-49-2	Selenium	ug/L						
7440-22-4	Silver	mg/Kg			0.31 U			0.3 U
7440-22-4	Silver	ug/L						
7440-23-5	Sodium	mg/Kg			125 J			343 J
7440-23-5	Sodium	ug/L						
7440-28-0	Thallium	mg/Kg			1.2 U			1.2 U
7440-28-0	Thallium	ug/L						
7440-62-2	Vanadium	mg/Kg			12.6			18.2
7440-62-2	Vanadium	ug/L						
7440-66-6	Zinc	mg/Kg			57.3			62.4
7440-66-6	Zinc	ug/L						
OTHER								
7440-44-0	Total Organic Carbon	mg/Kg			17800		3930	
7440-44-0	Total Organic Carbon	mg/L	2.8	1 U				

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B- 1002B,SPLP EXT 493557	122B- 1002B,TCLP EXT 493556	122B-1003A 492546	122B-1003B 492547	122B-1004A 492548	122B-1004B 492549
	METALS							
7429-90-5	Aluminum	mg/Kg						
7429-90-5	Aluminum	ug/L	1540	97.5 J				
7440-36-0	Antimony	mg/Kg						
7440-36-0	Antimony	ug/L	5.4 J	9.8 J				
7440-38-2	Arsenic	mg/Kg						
7440-38-2	Arsenic	ug/L	1.5 U	1.5 U				
7440-39-3	Barium	mg/Kg						
7440-39-3	Barium	ug/L	21.9 J	471				
7440-41-7	Beryllium	mg/Kg						
7440-41-7	Beryllium	ug/L	0.2 U	0.2 U				
7440-43-9	Cadmium	mg/Kg						
7440-43-9	Cadmium	ug/L	0.6 U	0.99 J				
7440-70-2	Calcium	mg/Kg						
7440-70-2	Calcium	ug/L	20200	335000				
7440-47-3	Chromium	mg/Kg						
7440-47-3	Chromium	ug/L	1.7 J	4.2 J				
7440-48-4	Cobalt	mg/Kg						
7440-48-4	Cobalt	ug/L	1.5 U	1.5 U				
7440-50-8	Copper	mg/Kg						
7440-50-8	Copper	ug/L	7.6 J	9 J				
7439-89-6	Iron	mg/Kg						
7439-89-6	Iron	ug/L	961	31.7 J				
7439-92-1	Lead	mg/Kg			16.6	6.9	36.7	12.6
7439-92-1	Lead	ug/L	2.3 J	98.4				
7439-95-4	Magnesium	mg/Kg						
7439-95-4	Magnesium	ug/L	2510 J	66500				
7439-96-5	Manganese	mg/Kg						
7439-96-5	Manganese	ug/L	8.2 J	855				

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B- 1002B,SPLP EXT	122B- 1002B,TCLP EXT	122B-1003A	122B-1003B	122B-1004A	122B-1004B
		Lab Sample Id:	493557	493556	492546	492547	492548	492549
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88617	88617	88617	88617	88617	88617
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg						
7439-97-6	Mercury	ug/L	10 U	10 UJ				
7440-02-0	Nickel	mg/Kg						
7440-02-0	Nickel	ug/L	2.1 J	2.7 J				
7440-09-7	Potassium	mg/Kg						
7440-09-7	Potassium	ug/L	489 J	4430 J				
7782-49-2	Selenium	mg/Kg						
7782-49-2	Selenium	ug/L	2.6 U	2.6 U				
7440-22-4	Silver	mg/Kg						
7440-22-4	Silver	ug/L	1.5 U	1.5 U				
7440-23-5	Sodium	mg/Kg						
7440-23-5	Sodium	ug/L	14800	1579000 U				
7440-28-0	Thallium	mg/Kg						
7440-28-0	Thallium	ug/L	6 U	6 U				
7440-62-2	Vanadium	mg/Kg						
7440-62-2	Vanadium	ug/L	3.7 J	2.3 U				
7440-66-6	Zinc	mg/Kg						
7440-66-6	Zinc	ug/L	14.2 J	14 UJ				
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg			6850 J			23300
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1005A	122B-1005B	122B-1006A	122B-1006B	122B-1007A	122B-1007B
		Lab Sample Id:	492550	492551	492552	492553	492554	492555
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88617	88617	88617	88617	88617	88617
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg						
7429-90-5	Aluminum	ug/L						
7440-36-0	Antimony	mg/Kg						
7440-36-0	Antimony	ug/L						
7440-38-2	Arsenic	mg/Kg						
7440-38-2	Arsenic	ug/L						
7440-39-3	Barium	mg/Kg						
7440-39-3	Barium	ug/L						
7440-41-7	Beryllium	mg/Kg						
7440-41-7	Beryllium	ug/L						
7440-43-9	Cadmium	mg/Kg						
7440-43-9	Cadmium	ug/L						
7440-70-2	Calcium	mg/Kg						
7440-70-2	Calcium	ug/L						
7440-47-3	Chromium	mg/Kg						
7440-47-3	Chromium	ug/L						
7440-48-4	Cobalt	mg/Kg						
7440-48-4	Cobalt	ug/L						
7440-50-8	Copper	mg/Kg						
7440-50-8	Copper	ug/L						
7439-89-6	Iron	mg/Kg						
7439-89-6	Iron	ug/L						
7439-92-1	Lead	mg/Kg	29.4	9.9	22.8	11.3	31.2	9.8
7439-92-1	Lead	ug/L						
7439-95-4	Magnesium	mg/Kg						
7439-95-4	Magnesium	ug/L						
7439-96-5	Manganese	mg/Kg						
7439-96-5	Manganese	ug/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1005A 492550 STLVT 88617 Soil 6/28/02 9/14/02	122B-1005B 492551 STLVT 88617 Soil 6/28/02 9/14/02	122B-1006A 492552 STLVT 88617 Soil 6/28/02 9/14/02	122B-1006B 492553 STLVT 88617 Soil 6/28/02 9/14/02	122B-1007A 492554 STLVT 88617 Soil 6/28/02 9/14/02	122B-1007B 492555 STLVT 88617 Soil 6/28/02 9/14/02
7439-97-6	Mercury	mg/Kg						
7439-97-6	Mercury	ug/L						
7440-02-0	Nickel	mg/Kg						
7440-02-0	Nickel	ug/L						
7440-09-7	Potassium	mg/Kg						
7440-09-7	Potassium	ug/L						
7782-49-2	Selenium	mg/Kg						
7782-49-2	Selenium	ug/L						
7440-22-4	Silver	mg/Kg						
7440-22-4	Silver	ug/L						
7440-23-5	Sodium	mg/Kg						
7440-23-5	Sodium	ug/L						
7440-28-0	Thallium	mg/Kg						
7440-28-0	Thallium	ug/L						
7440-62-2	Vanadium	mg/Kg						
7440-62-2	Vanadium	ug/L						
7440-66-6	Zinc	mg/Kg						
7440-66-6	Zinc	ug/L						
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg		5480 J		7480		9500 J
7440-44-0	Total Organic Carbon	mg/L						

**Soil Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1008A 492556 STLVT 88617 Soil 6/28/02 9/14/02	122B-1008B 492557 STLVT 88617 Soil 6/28/02 9/14/02	122B-1009A 492558 STLVT 88617 Soil 6/28/02 9/14/02	122B-1009B 492559 STLVT 88617 Soil 6/28/02 9/14/02	122B-1010A 492560 STLVT 88617 Soil 6/28/02 9/14/02	122B-1010A,SPLP EXT 493559 STLVT 88617 Soil 6/28/02 9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg	13100		12300		4490	
7429-90-5	Aluminum	ug/L						2340
7440-36-0	Antimony	mg/Kg	0.48 J		0.6 J		109 J	
7440-36-0	Antimony	ug/L						13.1 J
7440-38-2	Arsenic	mg/Kg	7.6		7.6		6	
7440-38-2	Arsenic	ug/L						2.2 J
7440-39-3	Barium	mg/Kg	63		83.5		25.4 J	
7440-39-3	Barium	ug/L						26.7 J
7440-41-7	Beryllium	mg/Kg	0.61 J		0.62 J		0.19 J	
7440-41-7	Beryllium	ug/L						0.2 U
7440-43-9	Cadmium	mg/Kg	0.48 J		0.54 J		0.28 J	
7440-43-9	Cadmium	ug/L						0.6 U
7440-70-2	Calcium	mg/Kg	59700		40500		35200	
7440-70-2	Calcium	ug/L						7790
7440-47-3	Chromium	mg/Kg	23.5		22.1		7.3	
7440-47-3	Chromium	ug/L						3.3 J
7440-48-4	Cobalt	mg/Kg	11		10.1 J		3.8 J	
7440-48-4	Cobalt	ug/L						1.5 U
7440-50-8	Copper	mg/Kg	30.4 J		31.7 J		28 J	
7440-50-8	Copper	ug/L						10.4 J
7439-89-6	Iron	mg/Kg	26200		25500		9130	
7439-89-6	Iron	ug/L						1840
7439-92-1	Lead	mg/Kg	56.6	12.5	98.7	25.7	13100 J	
7439-92-1	Lead	ug/L						26.9
7439-95-4	Magnesium	mg/Kg	12600		8500		10900	
7439-95-4	Magnesium	ug/L						1450 J
7439-96-5	Manganese	mg/Kg	501		656		329	
7439-96-5	Manganese	ug/L						14.9 J

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1008A	122B-1008B	122B-1009A	122B-1009B	122B-1010A	122B-1010A,SPLP EXT
		Lab Sample Id:	492556	492557	492558	492559	492560	493559
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88617	88617	88617	88617	88617	88617
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg	0.044 U		0.041 U		0.042 U	
7439-97-6	Mercury	ug/L						10 U
7440-02-0	Nickel	mg/Kg	34.9		31.1		7.6 J	
7440-02-0	Nickel	ug/L						2.4 J
7440-09-7	Potassium	mg/Kg	1620		1620		937 J	
7440-09-7	Potassium	ug/L						949 J
7782-49-2	Selenium	mg/Kg	0.55 U		0.58 U		0.64 J	
7782-49-2	Selenium	ug/L						2.6 U
7440-22-4	Silver	mg/Kg	0.32 U		0.33 U		0.37 J	
7440-22-4	Silver	ug/L						1.5 U
7440-23-5	Sodium	mg/Kg	182 J		388 J		142 J	
7440-23-5	Sodium	ug/L						20800
7440-28-0	Thallium	mg/Kg	1.3 U		1.3 U		1.2 U	
7440-28-0	Thallium	ug/L						6 U
7440-62-2	Vanadium	mg/Kg	17		17.6		8.7 J	
7440-62-2	Vanadium	ug/L						2.9 J
7440-66-6	Zinc	mg/Kg	86.4		80.5		29.3	
7440-66-6	Zinc	ug/L						19 J
OTHER								
7440-44-0	Total Organic Carbon	mg/Kg		9690		6300 J	12800 J	
7440-44-0	Total Organic Carbon	mg/L						

**Soil Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1010A,TCLP EXT	122B-1010B	122B-1011A	122B-1011A,SPLP EXT	122B-1011A,TCLP EXT	122B-1011B
		Lab Sample Id:	493558	492562	492563	493564	493563	492565
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88617	88619	88619	88619	88619	88619
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg			8500			13400
7429-90-5	Aluminum	ug/L	37.4 J			1900	19.7 U	
7440-36-0	Antimony	mg/Kg			670 J			0.53 J
7440-36-0	Antimony	ug/L	24.2 J			180	564	
7440-38-2	Arsenic	mg/Kg			84.6 J			4.7
7440-38-2	Arsenic	ug/L	2.1 J			1.5 J	46.7	
7440-39-3	Barium	mg/Kg			61.7			110
7440-39-3	Barium	ug/L	326			26.7 J	1050	
7440-41-7	Beryllium	mg/Kg			0.43 J			0.68 J
7440-41-7	Beryllium	ug/L	0.2 U			0.21 J	0.25 J	
7440-43-9	Cadmium	mg/Kg			0.89 J			0.85 J
7440-43-9	Cadmium	ug/L	2.1 J			0.3 U	2.8 J	
7440-70-2	Calcium	mg/Kg			28500			39900
7440-70-2	Calcium	ug/L	752000			10400	474000	
7440-47-3	Chromium	mg/Kg			16.9			23.5
7440-47-3	Chromium	ug/L	13.8			2.2 J	17.7	
7440-48-4	Cobalt	mg/Kg			7.6 J			11.6
7440-48-4	Cobalt	ug/L	5.5 J			1.5 U	28.8 J	
7440-50-8	Copper	mg/Kg			5690 J			25.6
7440-50-8	Copper	ug/L	21 J			59.1	1240	
7439-89-6	Iron	mg/Kg			17000			24600
7439-89-6	Iron	ug/L	15.1 U			2030	61 J	
7439-92-1	Lead	mg/Kg		14.7	88700 J			68
7439-92-1	Lead	ug/L	1290			334	99900	
7439-95-4	Magnesium	mg/Kg			7310			8200
7439-95-4	Magnesium	ug/L	12200			1450 J	10600	
7439-96-5	Manganese	mg/Kg			443			716
7439-96-5	Manganese	ug/L	3000			29.8	4110	

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B- 1010A,TCLP EXT	122B-1010B	122B-1011A	122B- 1011A,SPLP EXT	122B- 1011A,TCLP EXT	122B-1011B
		Lab Sample Id:	493558	492562	492563	493564	493563	492565
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88617	88619	88619	88619	88619	88619
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg			0.047 U			0.054 U
7439-97-6	Mercury	ug/L	10 UJ			10 U	10 UJ	
7440-02-0	Nickel	mg/Kg			20.8			28.7
7440-02-0	Nickel	ug/L	6.2 J			2 J	19.5 J	
7440-09-7	Potassium	mg/Kg			1690			2110
7440-09-7	Potassium	ug/L	1910 J			3720 J	11900	
7782-49-2	Selenium	mg/Kg			0.55 U			0.58 U
7782-49-2	Selenium	ug/L	2.6 U			2.6 U	2.6 U	
7440-22-4	Silver	mg/Kg			3.4 J			0.33 U
7440-22-4	Silver	ug/L	1.5 U			1.5 U	1.5 U	
7440-23-5	Sodium	mg/Kg			152 J			146 U
7440-23-5	Sodium	ug/L	1579000 U			8710	1352000 U	
7440-28-0	Thallium	mg/Kg			1.7 J			0.42 UJ
7440-28-0	Thallium	ug/L	6 U			1.9 U	1.9 U	
7440-62-2	Vanadium	mg/Kg			13.7			20.1
7440-62-2	Vanadium	ug/L	2.3 U			2.3 U	2.3 U	
7440-66-6	Zinc	mg/Kg			630 J			68.5
7440-66-6	Zinc	ug/L	21.6 U			22.7	552	
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg		1730 J				19500 J
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1012A	122B-1012B	122B-1013A	122B-1013B	122B- 1013B,SPLP EXT	122B- 1013B,TCLP EXT
		Lab Sample Id:	492566	492567	492568	492569	493566	493565
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88619	88619	88619	88619	88619	88619
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
METALS								
7429-90-5	Aluminum	mg/Kg			10700	10100		
7429-90-5	Aluminum	ug/L					1540	19.7 U
7440-36-0	Antimony	mg/Kg			4.5 J	1.2 J		
7440-36-0	Antimony	ug/L					5.6 J	9.1 J
7440-38-2	Arsenic	mg/Kg			11.5	7.1		
7440-38-2	Arsenic	ug/L					1.5 U	1.5 U
7440-39-3	Barium	mg/Kg			86.3	78.2		
7440-39-3	Barium	ug/L					21.8 J	755
7440-41-7	Beryllium	mg/Kg			0.56 J	0.54 J		
7440-41-7	Beryllium	ug/L					0.22 J	0.22 J
7440-43-9	Cadmium	mg/Kg			0.9 J	0.8 J		
7440-43-9	Cadmium	ug/L					0.3 U	0.99 J
7440-70-2	Calcium	mg/Kg			44500	67200		
7440-70-2	Calcium	ug/L					13400	810000
7440-47-3	Chromium	mg/Kg			21.8	19.4		
7440-47-3	Chromium	ug/L					1.6 J	0.8 U
7440-48-4	Cobalt	mg/Kg			10.2 J	12.1		
7440-48-4	Cobalt	ug/L					1.5 U	1.5 U
7440-50-8	Copper	mg/Kg			41.2	30.6		
7440-50-8	Copper	ug/L					4.2 J	3.7 J
7439-89-6	Iron	mg/Kg			21200	20200		
7439-89-6	Iron	ug/L					1700	23.4 U
7439-92-1	Lead	mg/Kg	42	9.7	1190	200		
7439-92-1	Lead	ug/L					17.1	38.5
7439-95-4	Magnesium	mg/Kg			14800	21500		
7439-95-4	Magnesium	ug/L					1440 J	13800
7439-96-5	Manganese	mg/Kg			562	601		
7439-96-5	Manganese	ug/L					15	141

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1012A	122B-1012B	122B-1013A	122B-1013B	122B- 1013B,SPLP EXT	122B- 1013B,TCLP EXT
		Lab Sample Id:	492566	492567	492568	492569	493566	493565
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88619	88619	88619	88619	88619	88619
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02	6/28/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg			0.056 U	0.055 U		
7439-97-6	Mercury	ug/L					10 U	10 UJ
7440-02-0	Nickel	mg/Kg			25.8	24.9		
7440-02-0	Nickel	ug/L					2.9 J	4.9 J
7440-09-7	Potassium	mg/Kg			2280	1930		
7440-09-7	Potassium	ug/L					2810 J	10400
7782-49-2	Selenium	mg/Kg			0.6 U	0.59 U		
7782-49-2	Selenium	ug/L					2.6 U	2.6 U
7440-22-4	Silver	mg/Kg			0.35 U	0.34 U		
7440-22-4	Silver	ug/L					1.5 U	1.5 U
7440-23-5	Sodium	mg/Kg			150 U	148 U		
7440-23-5	Sodium	ug/L					8430	1350000 U
7440-28-0	Thallium	mg/Kg			0.44 U	0.43 U		
7440-28-0	Thallium	ug/L					1.9 U	1.9 U
7440-62-2	Vanadium	mg/Kg			17.6	17.2		
7440-62-2	Vanadium	ug/L					2.3 U	2.3 U
7440-66-6	Zinc	mg/Kg			87.7	80.3		
7440-66-6	Zinc	ug/L					14.9 J	10.1 UJ
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg		22400 J		30000		
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1014A	122B-1014B	122B-1015A	122B-1015A,SPLPExt.	122B-1015A,TCLPExt.	122B-1015B
		Lab Sample Id:	492756	492757	493658	493659	493660	492758
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88619	88619	88648	88648	88648	88619
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/29/02	6/29/02	7/12/02	7/12/02	7/12/02	6/29/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg			5970			
7429-90-5	Aluminum	ug/L				1190	19.7 U	
7440-36-0	Antimony	mg/Kg			0.32 UJ			
7440-36-0	Antimony	ug/L				1.6 U	1.6 U	
7440-38-2	Arsenic	mg/Kg			3.7			
7440-38-2	Arsenic	ug/L				1.8 J	1.5 U	
7440-39-3	Barium	mg/Kg			42.4			
7440-39-3	Barium	ug/L				16.6 J	507	
7440-41-7	Beryllium	mg/Kg			0.42 J			
7440-41-7	Beryllium	ug/L				0.38 J	0.57 J	
7440-43-9	Cadmium	mg/Kg			0.06 U			
7440-43-9	Cadmium	ug/L				0.3 U	0.5 J	
7440-70-2	Calcium	mg/Kg			191000			
7440-70-2	Calcium	ug/L				13800	897000	
7440-47-3	Chromium	mg/Kg			11			
7440-47-3	Chromium	ug/L				1.1 J	0.8 U	
7440-48-4	Cobalt	mg/Kg			8.5 J			
7440-48-4	Cobalt	ug/L				1.5 U	1.5 U	
7440-50-8	Copper	mg/Kg			13.9			
7440-50-8	Copper	ug/L				3.6 J	5.6 J	
7439-89-6	Iron	mg/Kg			11400			
7439-89-6	Iron	ug/L				948	23.4 U	
7439-92-1	Lead	mg/Kg	13.2	9	5.2			10.4
7439-92-1	Lead	ug/L				1.2 J	0.9 U	
7439-95-4	Magnesium	mg/Kg			11300			
7439-95-4	Magnesium	ug/L				1470 J	13200	
7439-96-5	Manganese	mg/Kg			387			
7439-96-5	Manganese	ug/L				4.7 J	160	

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1014A 492756	122B-1014B 492757	122B-1015A 493658	122B-1015A,SPLPExt. 493659	122B-1015A,TCLPEExt. 493660	122B-1015B 492758
7439-97-6	Mercury	mg/Kg			0.049 U			
7439-97-6	Mercury	ug/L				10 U	10 UJ	
7440-02-0	Nickel	mg/Kg			20.7			
7440-02-0	Nickel	ug/L				2.4 U	5.2 J	
7440-09-7	Potassium	mg/Kg			1280			
7440-09-7	Potassium	ug/L				732 J	3130 J	
7782-49-2	Selenium	mg/Kg			0.52 U			
7782-49-2	Selenium	ug/L				2.6 U	2.6 U	
7440-22-4	Silver	mg/Kg			0.3 U			
7440-22-4	Silver	ug/L				1.5 U	1.5 U	
7440-23-5	Sodium	mg/Kg			131 U			
7440-23-5	Sodium	ug/L				4540 J	1442000 U	
7440-28-0	Thallium	mg/Kg			0.69 J			
7440-28-0	Thallium	ug/L				5.1 J	2.6 J	
7440-62-2	Vanadium	mg/Kg			10.1			
7440-62-2	Vanadium	ug/L				2.6 J	2.3 U	
7440-66-6	Zinc	mg/Kg			38			
7440-66-6	Zinc	ug/L				8.7 J	16.5 J	
OTHER								
7440-44-0	Total Organic Carbon	mg/Kg		22500	56500			6480 J
7440-44-0	Total Organic Carbon	mg/L						

**Soil Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1016A 492759 STLVT 88619 Soil 6/29/02 9/14/02	122B-1016B 492760 STLVT 88619 Soil 6/29/02 9/14/02	122B-1017A 492761 STLVT 88619 Soil 6/29/02 9/14/02	122B-1017B 492762 STLVT 88619 Soil 6/29/02 9/14/02	122B-1018A 492763 STLVT 88619 Soil 6/29/02 9/14/02	122B-1018A,SPLP EXT 493568 STLVT 88619 Soil 6/29/02 9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg					14300	
7429-90-5	Aluminum	ug/L						1830
7440-36-0	Antimony	mg/Kg					2.9 J	
7440-36-0	Antimony	ug/L						7.3 J
7440-38-2	Arsenic	mg/Kg					4.2	
7440-38-2	Arsenic	ug/L						1.5 U
7440-39-3	Barium	mg/Kg					129	
7440-39-3	Barium	ug/L						28.2 J
7440-41-7	Beryllium	mg/Kg					0.81 J	
7440-41-7	Beryllium	ug/L						0.23 J
7440-43-9	Cadmium	mg/Kg					0.86 J	
7440-43-9	Cadmium	ug/L						0.3 U
7440-70-2	Calcium	mg/Kg					12900	
7440-70-2	Calcium	ug/L						14800
7440-47-3	Chromium	mg/Kg					22.6	
7440-47-3	Chromium	ug/L						1.5 B
7440-48-4	Cobalt	mg/Kg					10 J	
7440-48-4	Cobalt	ug/L						1.5 U
7440-50-8	Copper	mg/Kg					29	
7440-50-8	Copper	ug/L						8 J
7439-89-6	Iron	mg/Kg					22500	
7439-89-6	Iron	ug/L						1360
7439-92-1	Lead	mg/Kg	48.6	26.7	19.7	17.4	927	
7439-92-1	Lead	ug/L						26
7439-95-4	Magnesium	mg/Kg					5700	
7439-95-4	Magnesium	ug/L						1730 J
7439-96-5	Manganese	mg/Kg					789	
7439-96-5	Manganese	ug/L						8.2 J

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1016A	122B-1016B	122B-1017A	122B-1017B	122B-1018A	122B-1018A, SPLP EXT
		Lab Sample Id:	492759	492760	492761	492762	492763	493568
		Depth:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88619	88619	88619	88619	88619	88619
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/29/02	6/29/02	6/29/02	6/29/02	6/29/02	6/29/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg					0.049 U	
7439-97-6	Mercury	ug/L						10 U
7440-02-0	Nickel	mg/Kg					22.1	
7440-02-0	Nickel	ug/L						2.3 J
7440-09-7	Potassium	mg/Kg					1710	
7440-09-7	Potassium	ug/L						610 J
7782-49-2	Selenium	mg/Kg					0.61 U	
7782-49-2	Selenium	ug/L						2.6 U
7440-22-4	Silver	mg/Kg					0.35 U	
7440-22-4	Silver	ug/L						1.5 U
7440-23-5	Sodium	mg/Kg					154 U	
7440-23-5	Sodium	ug/L						10500
7440-28-0	Thallium	mg/Kg					0.45 UJ	
7440-28-0	Thallium	ug/L						1.9 U
7440-62-2	Vanadium	mg/Kg					25.3	
7440-62-2	Vanadium	ug/L						4.2 J
7440-66-6	Zinc	mg/Kg					60.3	
7440-66-6	Zinc	ug/L						22.6
OTHER								
7440-44-0	Total Organic Carbon	mg/Kg		11000				
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	122B- 1018A,TCLP EXT 493567	122B-1018B 492764	122B-1019A 492765	122B-1019B 492766	122B-1020A 493661	122B-1020B 492767
	METALS							
7429-90-5	Aluminium	mg/Kg					4220	
7429-90-5	Aluminium	ug/L	19.7 U					
7440-36-0	Antimony	mg/Kg					0.31 UJ	
7440-36-0	Antimony	ug/L	11.6 J					
7440-38-2	Arsenic	mg/Kg					2.2	
7440-38-2	Arsenic	ug/L	1.5 U					
7440-39-3	Barium	mg/Kg					23.7 J	
7440-39-3	Barium	ug/L	615					
7440-41-7	Beryllium	mg/Kg					0.21 J	
7440-41-7	Beryllium	ug/L	0.2 U					
7440-43-9	Cadmium	mg/Kg					0.06 U	
7440-43-9	Cadmium	ug/L	1.7 J					
7440-70-2	Calcium	mg/Kg					63200	
7440-70-2	Calcium	ug/L	740000					
7440-47-3	Chromium	mg/Kg					7.4	
7440-47-3	Chromium	ug/L	1.7 J					
7440-48-4	Cobalt	mg/Kg					3.7 J	
7440-48-4	Cobalt	ug/L	1.5 U					
7440-50-8	Copper	mg/Kg					17.1	
7440-50-8	Copper	ug/L	5.3 J					
7439-89-6	Iron	mg/Kg					8980	
7439-89-6	Iron	ug/L	23.4 U					
7439-92-1	Lead	mg/Kg		19.3	13.7	7.7	4.2	3.7
7439-92-1	Lead	ug/L	193					
7439-95-4	Magnesium	mg/Kg					19800	
7439-95-4	Magnesium	ug/L	20200					
7439-96-5	Manganese	mg/Kg					330	
7439-96-5	Manganese	ug/L	542					

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1018A,TCLP EXT	122B-1018B	122B-1019A	122B-1019B	122B-1020A	122B-1020B
		Lab Sample Id:	493567	492764	492765	492766	493661	492767
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88619	88619	88619	88648	88648	88648
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/29/02	6/29/02	6/29/02	6/29/02	7/12/02	6/29/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg					0.051 U	
7439-97-6	Mercury	ug/L	10 UJ					
7440-02-0	Nickel	mg/Kg					7 J	
7440-02-0	Nickel	ug/L	3.4 J					
7440-09-7	Potassium	mg/Kg					1100	
7440-09-7	Potassium	ug/L	1540 J					
7782-49-2	Selenium	mg/Kg					0.5 U	
7782-49-2	Selenium	ug/L	2.6 U					
7440-22-4	Silver	mg/Kg					0.29 U	
7440-22-4	Silver	ug/L	1.5 U					
7440-23-5	Sodium	mg/Kg					127 U	
7440-23-5	Sodium	ug/L	1340000 U					
7440-28-0	Thallium	mg/Kg					0.37 U	
7440-28-0	Thallium	ug/L	1.9 U					
7440-62-2	Vanadium	mg/Kg					7.6 J	
7440-62-2	Vanadium	ug/L	2.3 U					
7440-66-6	Zinc	mg/Kg					36.1	
7440-66-6	Zinc	ug/L	10.9 UJ					
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg		6880			10900	3680 J
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1021A 492768 STLVT 88648 Soil 6/29/02 9/14/02	122B-1021B 492769 STLVT 88648 Soil 6/29/02 9/14/02	122B-1022A 492770 STLVT 88648 Soil 6/29/02 9/14/02	122B-1022B 492771 STLVT 88648 Soil 6/29/02 9/14/02	122B-1023A 492772 STLVT 88648 Soil 6/29/02 9/14/02	122B-1023B 492773 STLVT 88648 Soil 6/29/02 9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg						
7429-90-5	Aluminum	ug/L						
7440-36-0	Antimony	mg/Kg						
7440-36-0	Antimony	ug/L						
7440-38-2	Arsenic	mg/Kg						
7440-38-2	Arsenic	ug/L						
7440-39-3	Barium	mg/Kg						
7440-39-3	Barium	ug/L						
7440-41-7	Beryllium	mg/Kg						
7440-41-7	Beryllium	ug/L						
7440-43-9	Cadmium	mg/Kg						
7440-43-9	Cadmium	ug/L						
7440-70-2	Calcium	mg/Kg						
7440-70-2	Calcium	ug/L						
7440-47-3	Chromium	mg/Kg						
7440-47-3	Chromium	ug/L						
7440-48-4	Cobalt	mg/Kg						
7440-48-4	Cobalt	ug/L						
7440-50-8	Copper	mg/Kg						
7440-50-8	Copper	ug/L						
7439-89-6	Iron	mg/Kg						
7439-89-6	Iron	ug/L						
7439-92-1	Lead	mg/Kg	4.2	2.6 J	8.4	9.2	13	13.5
7439-92-1	Lead	ug/L						
7439-95-4	Magnesium	mg/Kg						
7439-95-4	Magnesium	ug/L						
7439-96-5	Manganese	mg/Kg						
7439-96-5	Manganese	ug/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1021A	122B-1021B	122B-1022A	122B-1022B	122B-1023A	122B-1023B
		Lab Sample Id:	492768	492769	492770	492771	492772	492773
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88648	88648	88648	88648	88648	88648
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/29/02	6/29/02	6/29/02	6/29/02	6/29/02	6/29/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg						
7439-97-6	Mercury	ug/L						
7440-02-0	Nickel	mg/Kg						
7440-02-0	Nickel	ug/L						
7440-09-7	Potassium	mg/Kg						
7440-09-7	Potassium	ug/L						
7782-49-2	Selenium	mg/Kg						
7782-49-2	Selenium	ug/L						
7440-22-4	Silver	mg/Kg						
7440-22-4	Silver	ug/L						
7440-23-5	Sodium	mg/Kg						
7440-23-5	Sodium	ug/L						
7440-28-0	Thallium	mg/Kg						
7440-28-0	Thallium	ug/L						
7440-62-2	Vanadium	mg/Kg						
7440-62-2	Vanadium	ug/L						
7440-66-6	Zinc	mg/Kg						
7440-66-6	Zinc	ug/L						
OTHER								
7440-44-0	Total Organic Carbon	mg/Kg		3160 J		4920 J		
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1024A	122B-1024A,SPLP EXT	122B-1024A,TCLP EXT	122B-1024B	122B-1025A	122B-1025A,SPLP EXT
		Lab Sample Id:	492774	493813	493812	492775	492776	493817
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88648	88648	88648	88648	88648	88648
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/29/02	6/29/02	6/29/02	6/29/02	6/29/02	6/29/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
METALS								
7429-90-5	Aluminum	mg/Kg	3380			3040	3380	
7429-90-5	Aluminum	ug/L		359	22.3 J			1470
7440-36-0	Antimony	mg/Kg	0.77 J			0.61 J	0.83 J	
7440-36-0	Antimony	ug/L		8.7 J	14.2 J			7.2 J
7440-38-2	Arsenic	mg/Kg	1.4 J			1.8 J	1.8 J	
7440-38-2	Arsenic	ug/L		1.5 U	1.5 U			1.5 U
7440-39-3	Barium	mg/Kg	19 J			14.5 J	18.4 J	
7440-39-3	Barium	ug/L		8.4 U	265			13.5 J
7440-41-7	Beryllium	mg/Kg	0.18 J			0.16 J	0.18 J	
7440-41-7	Beryllium	ug/L		0.34 J	0.4 J			0.43 J
7440-43-9	Cadmium	mg/Kg	0.06 U			0.06 U	0.06 U	
7440-43-9	Cadmium	ug/L		0.3 U	0.66 J			0.3 U
7440-70-2	Calcium	mg/Kg	31800			31400	29500	
7440-70-2	Calcium	ug/L		8310	723000			8430
7440-47-3	Chromium	mg/Kg	5.3			5.1	5.2	
7440-47-3	Chromium	ug/L		0.8 U	9.2 J			1.2 J
7440-48-4	Cobalt	mg/Kg	2.7 J			2.9 J	2.8 J	
7440-48-4	Cobalt	ug/L		1.5 U	3 J			1.5 U
7440-50-8	Copper	mg/Kg	75			22.2	44	
7440-50-8	Copper	ug/L		18.8 J	71.2			21.6 J
7439-89-6	Iron	mg/Kg	6720			6570	6590	
7439-89-6	Iron	ug/L		317	51.8 J			1430
7439-92-1	Lead	mg/Kg	69.4			14	57.4	
7439-92-1	Lead	ug/L		15.2	146			12.5
7439-95-4	Magnesium	mg/Kg	9980			8680	7720	
7439-95-4	Magnesium	ug/L		680 J	11900			851 J
7439-96-5	Manganese	mg/Kg	280			285	284	
7439-96-5	Manganese	ug/L		23.6	2400			34.4

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1024A 122B-1024A,SPLP EXT 492774 STLV 88648 Soil 6/29/02 9/14/02	122B-1024A 122B-1024A,TCLP EXT 493813 STLV 88648 Soil 6/29/02 9/14/02	122B-1024B 122B-1025A EXT 492775 STLV 88648 Soil 6/29/02 9/14/02	122B-1025A 122B-1025A,SPLP EXT 492776 STLV 88648 Soil 6/29/02 9/14/02	122B-1025A 122B-1025A,SPLP EXT 493817 STLV 88648 Soil 6/29/02 9/14/02	
7439-97-6	Mercury	mg/Kg	0.049 U			0.053 U	0.053 U	
7439-97-6	Mercury	ug/L		10 U	10 UJ			10 U
7440-02-0	Nickel	mg/Kg	5.8 J			5.2 J	6 J	
7440-02-0	Nickel	ug/L		2.4 U	4.5 J			2.4 U
7440-09-7	Potassium	mg/Kg	708 J			704 J	723 J	
7440-09-7	Potassium	ug/L		484 J	2180 J			654 J
7782-49-2	Selenium	mg/Kg	0.55 UJ			0.52 UJ	0.56 UJ	
7782-49-2	Selenium	ug/L		2.6 U	3 J			2.6 U
7440-22-4	Silver	mg/Kg	0.31 U			0.3 U	0.32 U	
7440-22-4	Silver	ug/L		1.5 U	1.5 U			1.5 U
7440-23-5	Sodium	mg/Kg	137 U			130 U	140 U	
7440-23-5	Sodium	ug/L		1570 J	1400000 U			4020 J
7440-28-0	Thallium	mg/Kg	0.4 U			0.74 J	0.5 J	
7440-28-0	Thallium	ug/L		4 J	2.5 J			3.5 J
7440-62-2	Vanadium	mg/Kg	5.7 J			5.3 J	5.6 J	
7440-62-2	Vanadium	ug/L		2.3 U	2.3 U			2.3 U
7440-66-6	Zinc	mg/Kg	31.9			25.3	30.1	
7440-66-6	Zinc	ug/L		5.3 J	53.1			12.2 J
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg	4590 J			2420 J		
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1025A,TCLP EXT	122B-1026	122B-1027	122B-1028	122B-1029	122B-1030
		Lab Sample Id:	493816	493133	493134	493135	493136	493137
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88648	88692	88692	88692	88692	88692
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/29/02	7/3/02	7/3/02	7/3/02	7/3/02	7/3/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
METALS								
7429-90-5	Aluminum	mg/Kg		13900				14500
7429-90-5	Aluminum	ug/L	22 J					
7440-36-0	Antimony	mg/Kg		1.3 UJ				1.4 UJ
7440-36-0	Antimony	ug/L	12.8 J					
7440-38-2	Arsenic	mg/Kg		2				2.6 J
7440-38-2	Arsenic	ug/L	1.5 U					
7440-39-3	Barium	mg/Kg		83.2				95.3
7440-39-3	Barium	ug/L	275					
7440-41-7	Beryllium	mg/Kg		0.66 J				0.68 J
7440-41-7	Beryllium	ug/L	0.49 J					
7440-43-9	Cadmium	mg/Kg		0.16 U				0.22 J
7440-43-9	Cadmium	ug/L	0.7 J					
7440-70-2	Calcium	mg/Kg		26300				33400
7440-70-2	Calcium	ug/L	732000					
7440-47-3	Chromium	mg/Kg		20.5				23.5
7440-47-3	Chromium	ug/L	9.4 J					
7440-48-4	Cobalt	mg/Kg		9.4 J				9.9 J
7440-48-4	Cobalt	ug/L	2.8 J					
7440-50-8	Copper	mg/Kg		22 J				28.7 J
7440-50-8	Copper	ug/L	73.2					
7439-89-6	Iron	mg/Kg		23900				28600
7439-89-6	Iron	ug/L	55.1 J					
7439-92-1	Lead	mg/Kg		11.3 J	8.4 J	9.7 J	11.4 J	212 J
7439-92-1	Lead	ug/L	112					
7439-95-4	Magnesium	mg/Kg		6890				8220
7439-95-4	Magnesium	ug/L	12600					
7439-96-5	Manganese	mg/Kg		605				510
7439-96-5	Manganese	ug/L	2340					

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1025A,TCLP EXT	122B-1026	122B-1027	122B-1028	122B-1029	122B-1030
		Lab Sample Id:	493816	493133	493134	493135	493136	493137
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88648	88692	88692	88692	88692	88692
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	6/29/02	7/3/02	7/3/02	7/3/02	7/3/02	7/3/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg		0.046 U				0.047 J
7439-97-6	Mercury	ug/L	10 UJ					
7440-02-0	Nickel	mg/Kg		26.3				27.3
7440-02-0	Nickel	ug/L	4 J					
7440-09-7	Potassium	mg/Kg		1990				1760
7440-09-7	Potassium	ug/L	2290 J					
7782-49-2	Selenium	mg/Kg		0.57 U				0.59 U
7782-49-2	Selenium	ug/L	2.6 U					
7440-22-4	Silver	mg/Kg		0.59 U				0.61 U
7440-22-4	Silver	ug/L	1.5 U					
7440-23-5	Sodium	mg/Kg		156 J				106 U
7440-23-5	Sodium	ug/L	1403000 U					
7440-28-0	Thallium	mg/Kg		0.91 U				0.94 U
7440-28-0	Thallium	ug/L	4.4 J					
7440-62-2	Vanadium	mg/Kg		20.7				23.4
7440-62-2	Vanadium	ug/L	2.3 U					
7440-66-6	Zinc	mg/Kg		74.1				70.9
7440-66-6	Zinc	ug/L	61.4					
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg			10400 J		4960 J	
7440-44-0	Total Organic Carbon	mg/L						

**Soil Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1030,SPLP Ext. 493819 STLVT 88692 Soil 7/3/02 9/14/02	122B- 1030,TCLP Ext. 493818 STLVT 88692 Soil 7/3/02 9/14/02	122B-1031 493138 STLVT 88692 Soil 7/3/02 9/14/02	122B-1031,SPLP Ext. 493821 STLVT 88692 Soil 7/3/02 9/14/02	122B- 1031,TCLP Ext. 493820 STLVT 88692 Soil 7/3/02 9/14/02	122B-1032 493139 STLVT 88692 Soil 7/3/02 9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg			15000			
7429-90-5	Aluminum	ug/L	1120	29.9 J		466	43.5 J	
7440-36-0	Antimony	mg/Kg			1.6 UJ			
7440-36-0	Antimony	ug/L	17.9 J	37.2 J		4.2 U	4.2 U	
7440-38-2	Arsenic	mg/Kg			3.3 J			
7440-38-2	Arsenic	ug/L	5.3 J	4.8 J		3.6 U	3.6 U	
7440-39-3	Barium	mg/Kg			92.8			
7440-39-3	Barium	ug/L	19.1 J	637		16.5 J	657	
7440-41-7	Beryllium	mg/Kg			0.75 J			
7440-41-7	Beryllium	ug/L	0.2 U	0.2 U		0.2 U	0.2 U	
7440-43-9	Cadmium	mg/Kg			0.19 U			
7440-43-9	Cadmium	ug/L	0.8 U	2.2 J		0.8 U	2 J	
7440-70-2	Calcium	mg/Kg			30200			
7440-70-2	Calcium	ug/L	15000	696000		16000	665000	
7440-47-3	Chromium	mg/Kg			22.3			
7440-47-3	Chromium	ug/L	2.5 J	4.6 J		2.1 U	5.3 J	
7440-48-4	Cobalt	mg/Kg			10 J			
7440-48-4	Cobalt	ug/L	3.1 U	4.2 J		3.1 U	16.8 J	
7440-50-8	Copper	mg/Kg			29.5 J			
7440-50-8	Copper	ug/L	12.6 J	8.5 J		4.2 J	4.1 J	
7439-89-6	Iron	mg/Kg			26500			
7439-89-6	Iron	ug/L	1080	44 J		264	15.1 U	
7439-92-1	Lead	mg/Kg			145 J			7.9 J
7439-92-1	Lead	ug/L	22.8	846		1.5 U	31.3	
7439-95-4	Magnesium	mg/Kg			7040			
7439-95-4	Magnesium	ug/L	1250 J	15000		1690 J	16700	
7439-96-5	Manganese	mg/Kg			604			
7439-96-5	Manganese	ug/L	9 J	1380		6.6 J	11800	

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1030,SPLP Ext.	122B- 1030,TCLP Ext.	122B-1031 Ext.	122B-1031,SPLP Ext.	122B- 1031,TCLP Ext.	122B-1032 Ext.
		Lab Sample Id:	493819	493818	493138	493821	493820	493139
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88692	88692	88692	88692	88692	88692
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	7/3/02	7/3/02	7/3/02	7/3/02	7/3/02	7/3/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg			0.041 U			
7439-97-6	Mercury	ug/L	10 U	10 UJ		10 U	10 UJ	
7440-02-0	Nickel	mg/Kg			29.2			
7440-02-0	Nickel	ug/L	2.4 U	4.4 J		3.2 J	13.3 J	
7440-09-7	Potassium	mg/Kg			2160			
7440-09-7	Potassium	ug/L	1230 J	6250		389 J	3600 J	
7782-49-2	Selenium	mg/Kg			0.69 U			
7782-49-2	Selenium	ug/L	2.9 U	8.9		2.9 U	10.2	
7440-22-4	Silver	mg/Kg			0.71 U			
7440-22-4	Silver	ug/L	3 U	3 U		3 U	3 U	
7440-23-5	Sodium	mg/Kg			123 U			
7440-23-5	Sodium	ug/L	5240 U	1682000 U		9670 U	1667000 U	
7440-28-0	Thallium	mg/Kg			1.1 U			
7440-28-0	Thallium	ug/L	6 U	6 U		6 U	6 U	
7440-62-2	Vanadium	mg/Kg			23.7			
7440-62-2	Vanadium	ug/L	2.3 U	2.3 U		2.3 U	2.3 U	
7440-66-6	Zinc	mg/Kg			78.6			
7440-66-6	Zinc	ug/L	10.7 J	15.8 J		6.2 J	17.6 J	
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg			36400			4190 J
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1033	122B-1034	122B-1035	122B-1036	122B-1037	122B-1040
		Lab Sample Id:	493140	493193	493194	493195	493196	493359
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88692	88692	88692	88692	88692	88692
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	7/3/02	7/5/02	7/5/02	7/5/02	7/5/02	7/10/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg				15100		13500
7429-90-5	Aluminum	ug/L						
7440-36-0	Antimony	mg/Kg				1.5 UJ		1.2 UJ
7440-36-0	Antimony	ug/L						
7440-38-2	Arsenic	mg/Kg				1.8 J		3.7
7440-38-2	Arsenic	ug/L						
7440-39-3	Barium	mg/Kg				108		97.1
7440-39-3	Barium	ug/L						
7440-41-7	Beryllium	mg/Kg				0.79 J		0.56 J
7440-41-7	Beryllium	ug/L						
7440-43-9	Cadmium	mg/Kg				0.18 U		0.18 J
7440-43-9	Cadmium	ug/L						
7440-70-2	Calcium	mg/Kg				23100		52100
7440-70-2	Calcium	ug/L						
7440-47-3	Chromium	mg/Kg				23.1		23.9 J
7440-47-3	Chromium	ug/L						
7440-48-4	Cobalt	mg/Kg				10.1 J		10.4
7440-48-4	Cobalt	ug/L						
7440-50-8	Copper	mg/Kg				22.6 J		17 J
7440-50-8	Copper	ug/L						
7439-89-6	Iron	mg/Kg				26000		27600
7439-89-6	Iron	ug/L						
7439-92-1	Lead	mg/Kg	8.3 J	10.8 J	10.9 J	12.7 J	5.3 J	6.5
7439-92-1	Lead	ug/L						
7439-95-4	Magnesium	mg/Kg				6770		9710
7439-95-4	Magnesium	ug/L						
7439-96-5	Manganese	mg/Kg				670		457
7439-96-5	Manganese	ug/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1033	122B-1034	122B-1035	122B-1036	122B-1037	122B-1040
		Lab Sample Id:	493140	493193	493194	493195	493196	493359
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88692	88692	88692	88692	88692	88692
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	7/3/02	7/5/02	7/5/02	7/5/02	7/5/02	7/10/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg				0.054 U		0.05 U
7439-97-6	Mercury	ug/L						
7440-02-0	Nickel	mg/Kg				29.9		35.9
7440-02-0	Nickel	ug/L						
7440-09-7	Potassium	mg/Kg				1890		2160
7440-09-7	Potassium	ug/L						
7782-49-2	Selenium	mg/Kg				0.81 J		1.3 J
7782-49-2	Selenium	ug/L						
7440-22-4	Silver	mg/Kg				0.68 U		0.53 U
7440-22-4	Silver	ug/L						
7440-23-5	Sodium	mg/Kg				141 J		91.6 U
7440-23-5	Sodium	ug/L						
7440-28-0	Thallium	mg/Kg				1 U		0.82 U
7440-28-0	Thallium	ug/L						
7440-62-2	Vanadium	mg/Kg				23.2		18.4
7440-62-2	Vanadium	ug/L						
7440-66-6	Zinc	mg/Kg				74.9		52 J
7440-66-6	Zinc	ug/L						
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg	3300 J		13200		14600 J	
7440-44-0	Total Organic Carbon	mg/L						

**Soil Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1041 493360	122B-1042 493361	122B-1042,SPLP Ext. 494813	122B- 1042,TCLP Ext. 494812	122B-1043 493662	122B-1044 493663
	METALS							
7429-90-5	Aluminum	mg/Kg	11800	14200				
7429-90-5	Aluminum	ug/L			295	19.7 U		
7440-36-0	Antimony	mg/Kg	1.4 UJ	1.5 UJ				
7440-36-0	Antimony	ug/L			2 J	1.6 U		
7440-38-2	Arsenic	mg/Kg	6 J	3.3 J				
7440-38-2	Arsenic	ug/L			1.5 U	1.5 U		
7440-39-3	Barium	mg/Kg	23.6 J	51.9				
7440-39-3	Barium	ug/L			6 J	440		
7440-41-7	Beryllium	mg/Kg	0.42 J	0.62 J				
7440-41-7	Beryllium	ug/L			0.2 U	0.26 J		
7440-43-9	Cadmium	mg/Kg	0.25 J	0.25 J				
7440-43-9	Cadmium	ug/L			0.3 U	0.9 J		
7440-70-2	Calcium	mg/Kg	68500	47100				
7440-70-2	Calcium	ug/L			8630	782000		
7440-47-3	Chromium	mg/Kg	21.4 J	26.8 J				
7440-47-3	Chromium	ug/L			0.8 U	19.1		
7440-48-4	Cobalt	mg/Kg	10.7	13.2				
7440-48-4	Cobalt	ug/L			1.5 U	33.7 J		
7440-50-8	Copper	mg/Kg	15.3 J	19.9 J				
7440-50-8	Copper	ug/L			1.8 U	2.4 J		
7439-89-6	Iron	mg/Kg	26000	28700				
7439-89-6	Iron	ug/L			179	45.6 J		
7439-92-1	Lead	mg/Kg	8.5 J	10.6 J			10.8 J	10.6 J
7439-92-1	Lead	ug/L			0.9 U	0.9 U		
7439-95-4	Magnesium	mg/Kg	8000	8650				
7439-95-4	Magnesium	ug/L			1250 J	15400		
7439-96-5	Manganese	mg/Kg	608	519				
7439-96-5	Manganese	ug/L			2.8 J	4870		

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1041	122B-1042	122B-1042,SPLP Ext.	122B- 1042,TCLP Ext.	122B-1043	122B-1044
		Lab Sample Id:	493360	493361	494813	494812	493662	493663
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88692	88692	88921	88921	88692	88692
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	7/10/02	7/10/02	7/24/02	7/24/02	7/12/02	7/12/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg	0.053 U	0.046 U				
7439-97-6	Mercury	ug/L			0.1 UJ	0.1 UJ		
7440-02-0	Nickel	mg/Kg	32	40.4				
7440-02-0	Nickel	ug/L			1.3 U	31.9 J		
7440-09-7	Potassium	mg/Kg	1570	2240				
7440-09-7	Potassium	ug/L			1970 J	8520		
7782-49-2	Selenium	mg/Kg	1.4 J	1.6 J				
7782-49-2	Selenium	ug/L			2.6 U	2.6 U		
7440-22-4	Silver	mg/Kg	0.64 U	0.66 U				
7440-22-4	Silver	ug/L			1.5 U	1.5 U		
7440-23-5	Sodium	mg/Kg	110 U	113 U				
7440-23-5	Sodium	ug/L			4620 J	R		
7440-28-0	Thallium	mg/Kg	0.98 U	1 U				
7440-28-0	Thallium	ug/L			6 UJ	6 UJ		
7440-62-2	Vanadium	mg/Kg	15.7	19.1				
7440-62-2	Vanadium	ug/L			2.3 U	2.3 U		
7440-66-6	Zinc	mg/Kg	63.6 J	103 J				
7440-66-6	Zinc	ug/L			2.3 J	13.1 J		
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg						5720
7440-44-0	Total Organic Carbon	mg/L						

**Soil Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1045 493664 STLVT 88692 Soil 7/12/02 9/14/02	122B-1046 493665 STLVT 88692 Soil 7/12/02 9/14/02	122B-1046,SPLP Ext. 494816 STLVT 88921 Soil 7/24/02 9/14/02	122B- 1046,TCLP Ext. 494815 STLVT 88921 Soil 7/24/02 9/14/02	122B-1047 493731 STLVT 88784 Soil 7/12/02 9/14/02	122B-1048 493732 STLVT 88784 Soil 7/12/02 9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg		14100				
7429-90-5	Aluminum	ug/L			485	21.4 J		
7440-36-0	Antimony	mg/Kg		1.6 UJ				
7440-36-0	Antimony	ug/L			1.6 U	1.6 U		
7440-38-2	Arsenic	mg/Kg		2.6 J				
7440-38-2	Arsenic	ug/L			2.6 J	1.9 J		
7440-39-3	Barium	mg/Kg		95.1				
7440-39-3	Barium	ug/L			22 J	770		
7440-41-7	Beryllium	mg/Kg		0.66 J				
7440-41-7	Beryllium	ug/L			0.2 U	0.3 J		
7440-43-9	Cadmium	mg/Kg		0.2 J				
7440-43-9	Cadmium	ug/L			0.3 U	1.4 J		
7440-70-2	Calcium	mg/Kg		14600				
7440-70-2	Calcium	ug/L			16100	494000		
7440-47-3	Chromium	mg/Kg		22.1 J				
7440-47-3	Chromium	ug/L			0.8 U	35.9		
7440-48-4	Cobalt	mg/Kg		9.3 J				
7440-48-4	Cobalt	ug/L			1.5 U	24 J		
7440-50-8	Copper	mg/Kg		21.6 J				
7440-50-8	Copper	ug/L			1.8 U	6.6 J		
7439-89-6	Iron	mg/Kg		23200				
7439-89-6	Iron	ug/L			446	154		
7439-92-1	Lead	mg/Kg	6.4 J	18.8 J			6.2 J	5.2 J
7439-92-1	Lead	ug/L			0.9 U	1.7 J		
7439-95-4	Magnesium	mg/Kg		6110				
7439-95-4	Magnesium	ug/L			2420 J	14800		
7439-96-5	Manganese	mg/Kg		539				
7439-96-5	Manganese	ug/L			3.5 J	9120		

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1045	122B-1046	122B-1046,SPLP	122B-	122B-1047	122B-1048
		Lab Sample Id:	493664	493665	Ext. 494816	1046,TCLP Ext. 494815	493731	493732
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88692	88692	88921	88921	88784	88784
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	7/12/02	7/12/02	7/24/02	7/24/02	7/12/02	7/12/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg		0.063 U				
7439-97-6	Mercury	ug/L			0.1 UJ	0.12 J		
7440-02-0	Nickel	mg/Kg		26.8				
7440-02-0	Nickel	ug/L			1.3 U	21.7 J		
7440-09-7	Potassium	mg/Kg		2310				
7440-09-7	Potassium	ug/L			1990 J	5420		
7782-49-2	Selenium	mg/Kg		1.7 J				
7782-49-2	Selenium	ug/L			2.6 U	3.1 J		
7440-22-4	Silver	mg/Kg		0.74 U				
7440-22-4	Silver	ug/L			1.5 U	1.5 U		
7440-23-5	Sodium	mg/Kg		127 U				
7440-23-5	Sodium	ug/L			4580 J	R		
7440-28-0	Thallium	mg/Kg		1.1 U				
7440-28-0	Thallium	ug/L			6 U	6 U		
7440-62-2	Vanadium	mg/Kg		22.8				
7440-62-2	Vanadium	ug/L			2.3 U	2.3 U		
7440-66-6	Zinc	mg/Kg		77.3 J				
7440-66-6	Zinc	ug/L			3.9 J	81.5		
OTHER								
7440-44-0	Total Organic Carbon	mg/Kg		27400				12600 J
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1049	122B-1050	122B-1051	122B-1052	122B-1053	122B-1054
		Lab Sample Id:	493733	493734	493735	493736	493737	493738
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88784	88784	88784	88784	88784	88784
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	7/12/02	7/12/02	7/12/02	7/12/02	7/12/02	7/12/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg					9680	
7429-90-5	Aluminum	ug/L						
7440-36-0	Antimony	mg/Kg					1.3 UJ	
7440-36-0	Antimony	ug/L						
7440-38-2	Arsenic	mg/Kg					2.3 J	
7440-38-2	Arsenic	ug/L						
7440-39-3	Barium	mg/Kg					86.9	
7440-39-3	Barium	ug/L						
7440-41-7	Beryllium	mg/Kg					0.37 J	
7440-41-7	Beryllium	ug/L						
7440-43-9	Cadmium	mg/Kg					0.16 U	
7440-43-9	Cadmium	ug/L						
7440-70-2	Calcium	mg/Kg					60400	
7440-70-2	Calcium	ug/L						
7440-47-3	Chromium	mg/Kg					18.3 J	
7440-47-3	Chromium	ug/L						
7440-48-4	Cobalt	mg/Kg					6.9 J	
7440-48-4	Cobalt	ug/L						
7440-50-8	Copper	mg/Kg					18.1 J	
7440-50-8	Copper	ug/L						
7439-89-6	Iron	mg/Kg					18800	
7439-89-6	Iron	ug/L						
7439-92-1	Lead	mg/Kg	8.1 J	10.2 J	9.7 J	7.6 J	10.8 J	9.1 J
7439-92-1	Lead	ug/L						
7439-95-4	Magnesium	mg/Kg					15600	
7439-95-4	Magnesium	ug/L						
7439-96-5	Manganese	mg/Kg					493	
7439-96-5	Manganese	ug/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1049 493733	122B-1050 493734	122B-1051 493735	122B-1052 493736	122B-1053 493737	122B-1054 493738
7439-97-6	Mercury	mg/Kg					0.055 U	
7439-97-6	Mercury	ug/L						
7440-02-0	Nickel	mg/Kg					22.8	
7440-02-0	Nickel	ug/L						
7440-09-7	Potassium	mg/Kg					1490	
7440-09-7	Potassium	ug/L						
7782-49-2	Selenium	mg/Kg					1.3	
7782-49-2	Selenium	ug/L						
7440-22-4	Silver	mg/Kg					0.61 U	
7440-22-4	Silver	ug/L						
7440-23-5	Sodium	mg/Kg					105 U	
7440-23-5	Sodium	ug/L						
7440-28-0	Thallium	mg/Kg					0.93 U	
7440-28-0	Thallium	ug/L						
7440-62-2	Vanadium	mg/Kg					16.1	
7440-62-2	Vanadium	ug/L						
7440-66-6	Zinc	mg/Kg					55 J	
7440-66-6	Zinc	ug/L						
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg		8240 J		13000 J	15900 J	
7440-44-0	Total Organic Carbon	mg/L						

**Soil Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID: Lab Sample Id: Depth: Source: SDG: Matrix: Sampled: Validated:	122B-1055 493739 STLVT 88784 Soil 7/12/02 9/14/02	122B-1058 493740 STLVT 88784 Soil 7/12/02 9/14/02	122B-1059 493741 STLVT 88784 Soil 7/12/02 9/14/02	122B-1059,SPLP Ext. 494920 STLVT 88921 Soil 7/24/02 9/14/02	122B- 1059,TCLP Ext. 494919 STLVT 88921 Soil 7/24/02 9/14/02	122B-1060 493742 STLVT 88784 Soil 7/12/02 9/14/02
	METALS							
7429-90-5	Aluminum	mg/Kg			13400			
7429-90-5	Aluminum	ug/L				812	131 J	
7440-36-0	Antimony	mg/Kg			1.7 UJ			
7440-36-0	Antimony	ug/L				1.6 U	1.6 U	
7440-38-2	Arsenic	mg/Kg			3 J			
7440-38-2	Arsenic	ug/L				4.9 J	7.1 J	
7440-39-3	Barium	mg/Kg			104			
7440-39-3	Barium	ug/L				23.3 J	664	
7440-41-7	Beryllium	mg/Kg			0.64 J			
7440-41-7	Beryllium	ug/L				0.2 U	0.45 J	
7440-43-9	Cadmium	mg/Kg			0.34 J			
7440-43-9	Cadmium	ug/L				0.3 U	1.4 J	
7440-70-2	Calcium	mg/Kg			21200			
7440-70-2	Calcium	ug/L				17300	290000	
7440-47-3	Chromium	mg/Kg			24.8 J			
7440-47-3	Chromium	ug/L				0.8 U	40.7	
7440-48-4	Cobalt	mg/Kg			9.8 J			
7440-48-4	Cobalt	ug/L				1.5 U	38.4 J	
7440-50-8	Copper	mg/Kg			24.3 J			
7440-50-8	Copper	ug/L				2 J	5.8 J	
7439-89-6	Iron	mg/Kg			25500			
7439-89-6	Iron	ug/L				625	468	
7439-92-1	Lead	mg/Kg	10.1 J	11.8 J	24.3 J			12.5 J
7439-92-1	Lead	ug/L				0.9 U	12.2	
7439-95-4	Magnesium	mg/Kg			5960			
7439-95-4	Magnesium	ug/L				2300 J	21000	
7439-96-5	Manganese	mg/Kg			731			
7439-96-5	Manganese	ug/L				5.3 J	9840	

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1055	122B-1058	122B-1059	122B-1059,SPLP Ext.	122B- 1059,TCLP Ext.	122B-1060
		Lab Sample Id:	493739	493740	493741	494920	494919	493742
		Depth:						
		Source:	STLVT	STLVT	STLVT	STLVT	STLVT	STLVT
		SDG:	88784	88784	88784	88921	88921	88784
		Matrix:	Soil	Soil	Soil	Soil	Soil	Soil
		Sampled:	7/12/02	7/12/02	7/12/02	7/24/02	7/24/02	7/12/02
		Validated:	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg			0.078 J			
7439-97-6	Mercury	ug/L				0.1 UJ	0.1 UJ	
7440-02-0	Nickel	mg/Kg			28.4			
7440-02-0	Nickel	ug/L				1.5 J	18.4 J	
7440-09-7	Potassium	mg/Kg			2350			
7440-09-7	Potassium	ug/L				8010	19700	
7782-49-2	Selenium	mg/Kg			1.7			
7782-49-2	Selenium	ug/L				2.6 U	4.4 J	
7440-22-4	Silver	mg/Kg			0.79 U			
7440-22-4	Silver	ug/L				1.5 U	1.5 U	
7440-23-5	Sodium	mg/Kg			167 J			
7440-23-5	Sodium	ug/L				4730 J	R	
7440-28-0	Thallium	mg/Kg			1.2 U			
7440-28-0	Thallium	ug/L				6 UJ	6 UJ	
7440-62-2	Vanadium	mg/Kg			21.7			
7440-62-2	Vanadium	ug/L				2.3 U	2.3 U	
7440-66-6	Zinc	mg/Kg			85.5 J			
7440-66-6	Zinc	ug/L				4.1 J	220	
	OTHER							
7440-44-0	Total Organic Carbon	mg/Kg	7770 J		17100 J			
7440-44-0	Total Organic Carbon	mg/L						

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1061	122B-1062	122B-1063
		Lab Sample Id:	493743	493744	493745
		Depth:			
		Source:	STLVT	STLVT	STLVT
		SDG:	88784	88784	88784
		Matrix:	Soil	Soil	Soil
		Validated:	9/14/02	9/14/02	9/14/02
	METALS				
7429-90-5	Aluminum	mg/Kg			13700
7429-90-5	Aluminum	ug/L			
7440-36-0	Antimony	mg/Kg			1.4 UJ
7440-36-0	Antimony	ug/L			
7440-38-2	Arsenic	mg/Kg			1.9 J
7440-38-2	Arsenic	ug/L			
7440-39-3	Barium	mg/Kg			84.7
7440-39-3	Barium	ug/L			
7440-41-7	Beryllium	mg/Kg			0.6 J
7440-41-7	Beryllium	ug/L			
7440-43-9	Cadmium	mg/Kg			0.17 J
7440-43-9	Cadmium	ug/L			
7440-70-2	Calcium	mg/Kg			20400
7440-70-2	Calcium	ug/L			
7440-47-3	Chromium	mg/Kg			21.1 J
7440-47-3	Chromium	ug/L			
7440-48-4	Cobalt	mg/Kg			9.5 J
7440-48-4	Cobalt	ug/L			
7440-50-8	Copper	mg/Kg			23.4 J
7440-50-8	Copper	ug/L			
7439-89-6	Iron	mg/Kg			24800
7439-89-6	Iron	ug/L			
7439-92-1	Lead	mg/Kg	13.2 J	11.7 J	11.4 J
7439-92-1	Lead	ug/L			
7439-95-4	Magnesium	mg/Kg			7190
7439-95-4	Magnesium	ug/L			
7439-96-5	Manganese	mg/Kg			572
7439-96-5	Manganese	ug/L			

Soil Data
Small Arms Range - Airfield SEAD-122B

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Soil Samples July 2002 - August 2002		Sample ID:	122B-1061	122B-1062	122B-1063
		Lab Sample Id:	493743	493744	493745
		Depth:			
		Source:	STLVT	STLVT	STLVT
		SDG:	88784	88784	88784
		Matrix:	Soil	Soil	Soil
		Sampled:	7/12/02	7/12/02	7/12/02
		Validated:	9/14/02	9/14/02	9/14/02
7439-97-6	Mercury	mg/Kg			0.051 U
7439-97-6	Mercury	ug/L			
7440-02-0	Nickel	mg/Kg			30.2
7440-02-0	Nickel	ug/L			
7440-09-7	Potassium	mg/Kg			1650
7440-09-7	Potassium	ug/L			
7782-49-2	Selenium	mg/Kg			1.3
7782-49-2	Selenium	ug/L			
7440-22-4	Silver	mg/Kg			0.62 U
7440-22-4	Silver	ug/L			
7440-23-5	Sodium	mg/Kg			107 U
7440-23-5	Sodium	ug/L			
7440-28-0	Thallium	mg/Kg			0.96 U
7440-28-0	Thallium	ug/L			
7440-62-2	Vanadium	mg/Kg			20
7440-62-2	Vanadium	ug/L			
7440-66-6	Zinc	mg/Kg			76.5 J
7440-66-6	Zinc	ug/L			
	OTHER				
7440-44-0	Total Organic Carbon	mg/Kg	24500 J		9630
7440-44-0	Total Organic Carbon	mg/L			

**Groundwater Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Groundwater Samples July 2002 - August 2002		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	122B-0001 492753 STLVT 88619 Water 6/29/02 9/14/02	122B-0002 492754 STLVT 88619 Water 6/29/02 9/14/02	122B-0003 492755 STLVT 88619 Water 6/29/02 9/14/02	122B-0004 493141 STLVT 88692 Water 7/3/02 9/14/02	122B-0004,SPLP Ext. 493143 STLVT 88692 Water 7/3/02 9/14/02	122B-0004,TCLP Ext. 493142 STLVT 88692 Water 7/3/02 9/14/02
CAS NO.	COMPOUND	UNITS:						
	METALS							
7429-90-5	Aluminum	ug/L		19.7 U		90 J	15.9 U	15.9 U
7440-36-0	Antimony	ug/L		1.6 U		9 J	4.2 U	4.2 U
7440-38-2	Arsenic	ug/L		1.5 U		5.9 J	3.6 U	3.6 U
7440-39-3	Barium	ug/L		8.4 U		7.8 J	8.4 U	8.4 U
7440-41-7	Beryllium	ug/L		0.2 U		0.52 J	0.2 U	0.2 U
7440-43-9	Cadmium	ug/L		0.3 U		1 J	0.8 U	0.8 U
7440-70-2	Calcium	ug/L		179 U		436 J	179 U	237 J
7440-47-3	Chromium	ug/L		0.8 U		3.4 J	2.1 U	2.1 U
7440-48-4	Cobalt	ug/L		1.5 U		3.1 U	3.1 U	3.1 U
7440-50-8	Copper	ug/L		2.6 J		2.3 J	1.9 U	1.9 U
7439-89-6	Iron	ug/L		23.4 U		325	15.1 U	15.1 U
7439-92-1	Lead	ug/L	0.9 U	0.9 U	0.9 U	1.5 U	1.5 U	1.5 U
7439-95-4	Magnesium	ug/L		260 U		144 U	260 U	260 U
7439-96-5	Manganese	ug/L		0.66 J		4.1 J	1.4 J	1 U
7439-97-6	Mercury	ug/L		0.1 U		0.1 U	10 U	10 U
7440-02-0	Nickel	ug/L		1.3 U		2.9 U	2.4 U	2.4 U
7440-09-7	Potassium	ug/L		194 U		141 J	138 U	138 U
7782-49-2	Selenium	ug/L		2.6 U		2.9 U	2.9 U	2.9 U
7440-22-4	Silver	ug/L		1.5 U		3 U	3 U	3 U
7440-23-5	Sodium	ug/L		654 U		710 J	16600	922 J
7440-28-0	Thallium	ug/L		1.9 U		8.8 J	6 U	6 U
7440-62-2	Vanadium	ug/L		2.3 U		5.2 J	2.3 U	2.3 U
7440-66-6	Zinc	ug/L		6 J		22.3	2.4 U	2.4 U

**Groundwater Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Groundwater Samples July 2002 - August 2002		Sample ID: Lab Sample Id Depth: Source: SDG: Matrix: Sampled: Validated:	122B-0005 493746	122B-0005,SPLP Ext. 493789	122B-0005,TCLP Ext. 493788	122B-0006 494826	122B-2000 494827	122B-2001 494828
CAS NO.	COMPOUND	UNITS:						
	METALS							
7429-90-5	Aluminum	ug/L	83.2 J	19.7 U	19.7 U	33.9 J	508	162 J
7440-36-0	Antimony	ug/L	1.6 U	1.6 U	1.6 U	12.8 J	18.1 J	14.4 J
7440-38-2	Arsenic	ug/L	1.5 U	1.5 U	1.5 U	3.6 U	3.6 U	3.6 U
7440-39-3	Barium	ug/L	5.3 U	5.3 U	5.3 U	5.4 U	35.2 J	31 J
7440-41-7	Beryllium	ug/L	0.32 J	0.32 J	0.27 J	0.23 J	0.21 J	0.2 U
7440-43-9	Cadmium	ug/L	0.3 U	0.3 U	0.3 U	1.2 J	1.4 J	1.1 J
7440-70-2	Calcium	ug/L	5220	212 J	196 J	139 U	113000	105000
7440-47-3	Chromium	ug/L	1.2 J	0.8 U	0.8 U	3.5 J	10.2	8.7 J
7440-48-4	Cobalt	ug/L	1.5 U	1.5 U	1.5 U	3.5 U	3.5 U	3.5 U
7440-50-8	Copper	ug/L	1.8 U	1.8 U	2.7 J	3.8 J	8.8 J	7.3 J
7439-89-6	Iron	ug/L	323	23.4 U	23.4 U	15.1 U	580	421
7439-92-1	Lead	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
7439-95-4	Magnesium	ug/L	413 J	144 U	144 U	144 U	34300	35800
7439-96-5	Manganese	ug/L	10.8 J	0.5 U	0.5 U	0.6 U	84.4	128
7439-97-6	Mercury	ug/L	0.1 U	10 U	10 U	0.1 U	0.1 U	0.1 U
7440-02-0	Nickel	ug/L	1.4 J	1.3 U	1.3 U	2.4 U	2.4 U	2.4 U
7440-09-7	Potassium	ug/L	194 U	194 U	194 U	159 J	4440 J	9920
7782-49-2	Selenium	ug/L	2.6 U	2.6 U	2.6 U	2.9 U	2.9 U	2.9 U
7440-22-4	Silver	ug/L	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U
7440-23-5	Sodium	ug/L	654 U	1880 J	2920 J	1000 J	10700	10400
7440-28-0	Thallium	ug/L	3.7 J	2.1 J	2 J	6 U	6 U	6 U
7440-62-2	Vanadium	ug/L	3.7 U	3.7 U	3.7 U	5.1 J	10.3 J	8 J
7440-66-6	Zinc	ug/L	2.3 J	3.2 J	4 J	3.9 J	6.2 J	3.8 J

**Groundwater Data
Small Arms Range - Airfield SEAD-122B**

Seneca Army Depot Activity - Romulus, New York

Seneca Army Depot Validated Groundwater Samples July 2002 - August 2002		Sample ID:	122B-2004	122B-2005
		Lab Sample Id	494829	494830
		Depth:		
		Source:	STLVT	STLVT
		SDG:	88924	88924
		Matrix:	Water	Water
		Sampled:	7/24/02	7/24/02
		Validated:	9/14/02	9/14/02
CAS NO.	COMPOUND	UNITS:		
	METALS			
7429-90-5	Aluminum	ug/L	211	262
7440-36-0	Antimony	ug/L	26.7 J	19.7 J
7440-38-2	Arsenic	ug/L	4.6 J	3.7 J
7440-39-3	Barium	ug/L	49.8 J	48.6 J
7440-41-7	Beryllium	ug/L	0.32 J	0.21 J
7440-43-9	Cadmium	ug/L	2.3 J	1.6 J
7440-70-2	Calcium	ug/L	120000	118000
7440-47-3	Chromium	ug/L	12.5 J	10.2 J
7440-48-4	Cobalt	ug/L	3.5 U	3.5 U
7440-50-8	Copper	ug/L	11.3 J	8.5 J
7439-89-6	Iron	ug/L	154	230
7439-92-1	Lead	ug/L	1.5 U	1.5 U
7439-95-4	Magnesium	ug/L	32800	32200
7439-96-5	Manganese	ug/L	293	286
7439-97-6	Mercury	ug/L	0.1 U	0.1 U
7440-02-0	Nickel	ug/L	3.7 J	2.4 U
7440-09-7	Potassium	ug/L	7610	7640
7782-49-2	Selenium	ug/L	2.9 U	2.9 U
7440-22-4	Silver	ug/L	1.5 U	1.5 U
7440-23-5	Sodium	ug/L	18400	17600
7440-28-0	Thallium	ug/L	6 U	6 U
7440-62-2	Vanadium	ug/L	14 J	10.8 J
7440-66-6	Zinc	ug/L	7 J	6.2 J

