00942

GROUNDWATER MONITORING
VALIDATED ANALYTICAL RESULTS FOR THE THIRD QUARTER 1993
ASH LANDFILL, SENECA ARMY DEPOT

PREPARED FOR:
U.S. Army Corps of Engineers
Hunstville, Alabama

PREPARED BY:

Engineering-Science, Inc.
Boston, Massachusetts

September 1993
D#10

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ASH LANDFILL THIRD QUARTER 1993 MONITORING
SUMMARY OF VALIDATED VOLATILE ANALYSIS RESULTS (TCL and 524.2)

	COMPOUND							
NG	1,2−DCE (ug/l)	TCE (ug/l)	Vinyl Chloride (ug/l)	Chloroform (ug/l)	1,2−DCA (ug/l)	Methylene Chloride (ug/l)	Benzene (ug/l)	TOTAL VOCs (ug/l)
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	2000	1400	100 J	120 U	120 U	63 J	10 U	3563
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	44	210	11 U	11 U	11 U	11 U	11 U	254
	590 J	13000	830 U	830 U	830 U	830 U	830 U	13590
	NA	NA	NA	NA	NA	NA	10 U	NA
	49	32	10 U	10 U	10 U	10 U	10 U	81
	13	3 J	10 U	10 U	10 U	10 U	6 J	22
	140	87	10 U	10 U	5 J	10 U	10 U	232
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	99	6 J	10 U	10 U	10 U	10 U	10 U	105
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	54	31	10 U	10 U	10 U	10 U	10 U	85
	97	10 U	10 U	10 U	10 U	10 U	10 U	97
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	10 U	10 U	10 U	10 U	10 U	10 U	10 U	ND
	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	ND
	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	ND
	0.5 U	0.5 U	0.5 U	0.5 U	0.5 U	1 U	0.5 U	ND

1,2−DCE = 1,2−Dichloroethene (total)
TCE = Trichloroethene
1,2−DCA = 1,2−Dichloroethane
(1) = Not part of sampling program

J = Estimated Value
U = Not detected above the concentration shown
NA = Not Analyzed
ug/l = micrograms per liter

1.2 Validated Volatile Analysis Results (TCL and 524.2)

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED VOLATILE ANALYSIS RESULTS (TCL)

AL3QMVOC.WK3	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER	
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH	
	DATE SAMPLED	06/21/93		07/10/93		07/13/93		06/22/93		07/02/93		07/11/93	
	ES ID	PT-10		PT-11		PT-12		PT-15		PT-16		PT-17	
	LAB ID	36560-2		36748-4		36794-5		36580-6		36673-5		36762-1	
COMPOUND	UNITS												
CHLOROMETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
BROMOMETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
VINYL CHLORIDE	ug/L	10	U	10	U	100	J	10	U	10	U	11	U
CHLOROETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
METHYLENE CHLORIDE	ug/L	10	U	10	U	63	J	10	U	10	U	11	U
ACETONE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
CARBON DISULFIDE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
1,1-DICHLOROETHENE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
1,1-DICHLOROETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
1,2-DICHLOROETHENE	ug/L	10	U	10	U	2000		10	U	10	U	44	
CHLOROFORM	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
1,2-DICHLOROETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
2-BUTANONE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
1,1,1-TRICHLOROETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
CARBON TETRACHLORIDE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
BROMODICHLOROMETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
1,2-DICHLOROPROPANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
Cis-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
TRICHLOROETHENE	ug/L	10	U	10	U	1400		10	U	10	U	210	
DIBROMOCHLOROMETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
1,1,2-TRICHLOROETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
BENZENE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
TRANS-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
BROMOFORM	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
4-METHYL-2-PENTANONE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
2-HEXANONE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
TETRACHLOROETHENE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
1,1,2,2-TETRACHLOROETHANE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
TOLUENE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
CHLOROBENZENE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
ETHYLBENZENE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
STYRENE	ug/L	10	U	10	U	120	U	10	U	10	U	11	U
XYLENES(TOTAL)	ug/L	10	U	10	U	120	U	10	U	10	U	11	U

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED VOLATILE ANALYSIS RESULTS (TCL)

AL3QMVOC.WK3	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER	
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH	
	DATE SAMPLED	07/10/93		07/10/93		07/10/93		06/22/93		07/09/93		06/28/93	
	ES ID	PT-20		PT-21		PT-22		PT-23		PT-24		PT-25	
	LAB ID	36752-1		36752-5		36752-4		36580-1		36748-3		36627-2	
COMPOUND	UNITS												
CHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMOMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
VINYL CHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
METHYLENE CHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
ACETONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CARBON DISULFIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1-DICHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1-DICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROETHENE	ug/L	49		13		140		10	U	99		10	U
CHLOROFORM	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROETHANE	ug/L	10	U	10	U	5	J	10	U	10	U	10	U
2-BUTANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,1-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CARBON TETRACHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMODICHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROPROPANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
Cis-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TRICHLOROETHENE	ug/L	32		3	J	87		10	U	6	J	10	U
DIBROMOCHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BENZENE	ug/L	10	U	6	J	10	U	10	U	10	U	10	U
TRANS-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMOFORM	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
4-METHYL-2-PENTANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
2-HEXANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TETRACHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2,2-TETRACHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TOLUENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROBENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
ETHYLBENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
STYRENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
XYLENES(TOTAL)	ug/L	10	U	10	U	10	U	10	U	10	U	10	U

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED VOLATILE ANALYSIS RESULTS (TCL)

AL3QMVOC.WK3	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER	
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH	
	DATE SAMPLED	06/29/93		07/09/93		07/07/93		06/29/93		06/29/93		07/07/93	
	ES ID	MW-27		MW-28		MW-29		MW-30		MW-31		MW-32	
	LAB ID	36649-4		36748-2		36729-2		36649-3		36649-2		36729-1	
COMPOUND	UNITS												
CHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMOMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
VINYL CHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
METHYLENE CHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
ACETONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CARBON DISULFIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1-DICHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1-DICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROETHENE	ug/L	10	U	54		97		10	U	10	U	10	U
CHLOROFORM	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
2-BUTANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,1-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CARBON TETRACHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMODICHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROPROPANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
Cis-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TRICHLOROETHENE	ug/L	10	U	31		10	U	10	U	10	U	10	U
DIBROMOCHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TRANS-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMOFORM	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
4-METHYL-2-PENTANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
2-HEXANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TETRACHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2,2-TETRACHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TOLUENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROBENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
ETHYLBENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
STYRENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
XYLENES(TOTAL)	ug/L	10	U	10	U	10	U	10	U	10	U	10	U

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED VOLATILE ANALYSIS RESULTS (TCL)

AL3QMVOC.WK3	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER	
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH	
	DATE SAMPLED	06/23/93		07/01/93		07/01/93		06/22/93		07/02/93		06/21/93	
	ES ID	MW-34		MW-35D		MW-36		MW-37		MW-38D		MW-39	
	LAB ID	36580-4		36673-4		36673-1		36580-2		36673-6		36560-4	
COMPOUND	UNITS												
CHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMOMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
VINYL CHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
METHYLENE CHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
ACETONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CARBON DISULFIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1-DICHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1-DICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROFORM	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
2-BUTANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,1-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CARBON TETRACHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMODICHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROPROPANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
Cis-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TRICHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
DIBROMOCHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TRANS-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMOFORM	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
4-METHYL-2-PENTANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
2-HEXANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TETRACHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2,2-TETRACHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TOLUENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROBENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
ETHYLBENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
STYRENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
XYLENES(TOTAL)	ug/L	10	U	10	U	10	U	10	U	10	U	10	U

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED VOLATILE ANALYSIS RESULTS (TCL)

AL3QMVOC.WK3	MATRIX		WATER		WATER	
	LOCATION		ASH		ASH	
	DATE SAMPLED		06/20/93		06/21/93	
	ES ID		MW-41D		MW-42D	
	LAB ID		36542-2		36560-5	
COMPOUND	UNITS					
CHLOROMETHANE	ug/L	10	U	10	U	
BROMOMETHANE	ug/L	10	U	10	U	
VINYL CHLORIDE	ug/L	10	U	10	U	
CHLOROETHANE	ug/L	10	U	10	U	
METHYLENE CHLORIDE	ug/L	10	U	10	U	
ACETONE	ug/L	10	U	10	U	
CARBON DISULFIDE	ug/L	10	U	10	U	
1,1-DICHLOROETHENE	ug/L	10	U	10	U	
1,1-DICHLOROETHANE	ug/L	10	U	10	U	
1,2-DICHLOROETHENE	ug/L	10	U	10	U	
CHLOROFORM	ug/L	10	U	10	U	
1,2-DICHLOROETHANE	ug/L	10	U	10	U	
2-BUTANONE	ug/L	10	U	10	U	
1,1,1-TRICHLOROETHANE	ug/L	10	U	10	U	
CARBON TETRACHLORIDE	ug/L	10	U	10	U	
BROMODICHLOROMETHANE	ug/L	10	U	10	U	
1,2-DICHLOROPROPANE	ug/L	10	U	10	U	
Cis-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	
TRICHLOROETHENE	ug/L	10	U	10	U	
DIBROMOCHLOROMETHANE	ug/L	10	U	10	U	
1,1,2-TRICHLOROETHANE	ug/L	10	U	10	U	
BENZENE	ug/L	10	U	10	U	
TRANS-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	
BROMOFORM	ug/L	10	U	10	U	
4-METHYL-2-PENTANONE	ug/L	10	U	10	U	
2-HEXANONE	ug/L	10	U	10	U	
TETRACHLOROETHENE	ug/L	10	U	10	U	
1,1,2,2-TETRACHLOROETHANE	ug/L	10	U	10	U	
TOLUENE	ug/L	10	U	10	U	
CHLOROBENZENE	ug/L	10	U	10	U	
ETHYLBENZENE	ug/L	10	U	10	U	
STYRENE	ug/L	10	U	10	U	
XYLENES(TOTAL)	ug/L	10	U	10	U	

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED VOLATILE ANALYSIS RESULTS (TCL)

AL3QMVOC.WK3	MATRIX	WATER	WATER	WATER	WATER	WATER	WATER
	LOCATION	ASH	ASH	ASH	ASH	ASH	ASH
	DATE SAMPLED	06/20/93	06/21/93	06/22/93	06/23/93	06/28/93	06/29/93
	ES ID	TB-620	TB-621	TB-622	TB-623	TB-628	TB-629
	LAB ID	36542-1	36560-6	36580-3	36580-5	36627-1	36649-5
		Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank	Trip Blank
COMPOUND	UNITS						
CHLOROMETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
BROMOMETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
VINYL CHLORIDE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
METHYLENE CHLORIDE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
ACETONE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
CARBON DISULFIDE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1-DICHLOROETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROFORM	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
2-BUTANONE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,1-TRICHLOROETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
CARBON TETRACHLORIDE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
BROMODICHLOROMETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,2-DICHLOROPROPANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
Cis-1,3-DICHLOROPROPENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
TRICHLOROETHENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
DIBROMOCHLOROMETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2-TRICHLOROETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
BENZENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
TRANS-1,3-DICHLOROPROPENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
BROMOFORM	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
4-METHYL-2-PENTANONE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
2-HEXANONE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
TETRACHLOROETHENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
1,1,2,2-TETRACHLOROETHANE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
TOLUENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
CHLOROBENZENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
ETHYLBENZENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
STYRENE	ug/L	10 U	10 U	10 U	10 U	10 U	10 U
XYLENES(TOTAL)	ug/L	10 U	10 U	10 U	10 U	10 U	10 U

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED VOLATILE ANALYSIS RESULTS (TCL)

AL3QMVOC.WK3	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER	
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH	
	DATE SAMPLED	07/02/93		07/07/93		07/09/93		07/10/93		07/11/93		07/13/93	
	ES ID	TB-72		TB-77		TB-79		TB-710		TB-711		TB-713	
	LAB ID	36673-43		36729-3		36748-5		36752-2		36762-2		36794-4	
		Trip Blank		Trip Blank		Trip Blank		Trip Blank		Trip Blank		Trip Blank	
COMPOUND	UNITS												
CHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMOMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
VINYL CHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
METHYLENE CHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
ACETONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CARBON DISULFIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1-DICHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1-DICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROFORM	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
2-BUTANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,1-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CARBON TETRACHLORIDE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMODICHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,2-DICHLOROPROPANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
Cis-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TRICHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
DIBROMOCHLOROMETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TRANS-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
BROMOFORM	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
4-METHYL-2-PENTANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
2-HEXANONE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TETRACHLOROETHENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
1,1,2,2-TETRACHLOROETHANE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
TOLUENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
CHLOROBENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
ETHYLBENZENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
STYRENE	ug/L	10	U	10	U	10	U	10	U	10	U	10	U
XYLENES(TOTAL)	ug/L	10	U	10	U	10	U	10	U	10	U	10	U

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VOLATILE ANALYSIS RESULTS (TCL)

AL3QMVOC.WK3	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER	
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH	
	DATE SAMPLED	06/21/93		06/21/93		07/13/93		07/13/93		07/09/93		07/09/93	
	ES ID	PT-10R		PT-110		PT-18R		PT-112		MW-28R		PT-111	
	LAB ID	36560-1		36560-3		36794-1		36794-2		36748-6		36748-1	
COMPOUND	UNITS	PT10 Rinsate		PT10 Dup		PT18 Rinsate		PT18 Dup		MW28 Rinsate		MW28 Dup	
CHLOROMETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
BROMOMETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
VINYL CHLORIDE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
CHLOROETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
METHYLENE CHLORIDE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
ACETONE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
CARBON DISULFIDE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
1,1-DICHLOROETHENE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
1,1-DICHLOROETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
1,2-DICHLOROETHENE	ug/L	10	U	10	U	10	U	610	J	10	U	53	
CHLOROFORM	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
1,2-DICHLOROETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
2-BUTANONE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
1,1,1-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
CARBON TETRACHLORIDE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
BROMODICHLOROMETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
1,2-DICHLOROPROPANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
Cis-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
TRICHLOROETHENE	ug/L	10	U	10	U	10	U	13000		10	U	32	
DIBROMOCHLOROMETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
1,1,2-TRICHLOROETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
BENZENE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
TRANS-1,3-DICHLOROPROPENE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
BROMOFORM	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
4-METHYL-2-PENTANONE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
2-HEXANONE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
TETRACHLOROETHENE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
1,1,2,2-TETRACHLOROETHANE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
TOLUENE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
CHLOROBENZENE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
ETHYLBENZENE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
STYRENE	ug/L	10	U	10	U	10	U	830	U	10	U	10	U
XYLENES(TOTAL)	ug/L	10	U	10	U	10	U	830	U	10	U	10	U

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED VOLATILE ANALYSIS RESULTS (524.2)

QM524.WK3		MATRIX	WATER	WATER	WATER	WATER
		LOCATION	ASH	ASH	ASH	ASH
		DATE SAMPLED	07/23/93	07/23/93	07/23/93	07/23/93
		ES ID	FH-D	FH-S	BRN-S	FB723
		LAB ID	36929-105	36929-106	36929-107	36929-108
No.	COMPOUND	UNITS				
87-3	Chloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-20-6	1,1,1,2-Tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
83-9	Bromomethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
34-5	1,1,2,2-Tetrachloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
71-8	Dichlorodifluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
18-4	1,2,3-Trichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
01-4	Vinyl chloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-18-4	Tetrachloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
00-3	Chloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
12-8	1,2-Dibromo-3-chloropropane	ug/L	2 U	2 U	2 U	2 U
09-2	Methylene chloride	ug/L	1 U	1 U	1 U	2
68-3	Hexachlorobutadiene	ug/L	1 U	1 U	1 U	1 U
69-4	Trichlorofluoromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
43-2	Benzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
35-4	1,1-Dichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-88-3	Toluene	ug/L	0.5 U	0.5 U	0.5 U	TRACE J
97-5	Bromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-90-7	Chlorobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
34-3	1,1-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-41-4	Ethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-59-4	1,2-Dichloroethene (cis)	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-86-1	Bromobenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-60-5	1,2-Dichloroethene (trans)	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
82-8	Isopropylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
66-3	Chloroform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
0-20-7	Xylene (total)	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
95-3	Dibromomethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-42-5	Styrene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-06-2	1,2-Dichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-65-1	n-Propylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-20-7	2,2-Dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
06-6	tert-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
55-6	1,1,1-Trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
49-8	2-Chlorotoluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
23-5	Carbon Tetrachloride	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-43-4	4-Chlorotoluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
27-4	Bromodichloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-98-8	sec-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
87-5	1,2-Dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-73-1	1,3-Dichlorobenzene	ug/L	1 U	1 U	1 U	1 U
-58-6	1,1-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
50-1	1,2-Dichlorobenzene	ug/L	1 U	1 U	1 U	1 U
61-01-5	cis-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-46-7	1,4-Dichlorobenzene	ug/L	1 U	1 U	1 U	1 U
61-02-6	trans-1,3-Dichloropropene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
87-6	p-Isopropyltoluene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
01-6	Trichloroethene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-67-8	1,3,5-Trimethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-48-1	Dibromochloromethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-51-8	n-Butylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
00-5	1,1,2-Trichloroethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
63-6	1,2,4-Trimethylbenzene	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-28-9	1,3-Dichloropropane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
-82-1	1,2,4-Trichlorobenzene	ug/L	2 U	2 U	2 U	2 U
-93-4	1,2-Dibromoethane	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
61-6	1,2,3-Trichlorobenzene	ug/L	2 U	2 U	2 U	2 U
25-2	Bromoform	ug/L	0.5 U	0.5 U	0.5 U	0.5 U
20-3	Naphthalene	ug/L	2 U	2 U	2 U	2 U

1.3 Summary of Volatile Historical Data for Selected Wells

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–12
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson Oct 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NET Dec 199
LATILE ORGANICS	Units									
hane	ug/L	<5	<5	10U	50U	<1.0	<5.0	<5.0	51.0	<1
	ug/L	<5	<5	5U	50U	<1.0	<5.0	<5.0	<1.0	<1
ide	ug/L	<5	<5	10U	17	7	<2.0	<2.0	140	<1
ne	ug/L	<5	<5	10U	50U	<1.0	<5.0	<5.0	<1.0	<1
Chloride	ug/L	<5	<5	5U	25U	<1.0	<5.0	<5.0	<1.0	<1
hloroethane	ug/L	<5	<5	5U	25U	<1.0	<5.0	<5.0	<1.0	<1
roethane	ug/L	<5	<5	5U	25U	<1.0	<5.0	<5.0	<1.0	<1
roethene	ug/L	<5	<5	5U	25U	1.5	<5.0	<5.0	<1.0	<1
hene	ug/L	1700	94	68	950	129	100	790	3100	87
ethene	ug/L	<5	<5	5U	25U	<1.0	<5.0	<5.0	<1.0	<1
oromethane	ug/L	<5	<5	5U	25U	<1.0	<5.0	<5.0	<1.0	<1
-Dichloroethene	ug/L	<5	95.0	5U	25U	<1.0	<5.0	<5.0	<1.0	<1
ichloroethene	ug/L	–	–	–	–	–	–	–	–	-
roethene (total)	ug/L	–	–	43.0	1000.0	–	–	–	–	-

Notes:

Gaslon = Gaslon Laboratories
NET = National Environmental Testing
GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–12
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	July
LATILE ORGANICS	Units										
hane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	20U	10U	
	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	20U	10U	
ide	ug/L	35	160	1.5	<1.0	14	–	5U	9	10U	
ne	ug/L	30.0	<1.0	<1.0	<1.0	<1.0	–	5U	20U	10U	
Chloride	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	20U	10U	
hloroethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	20U	10U	
roethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	20U	10U	
roethene	ug/L	<10	7.2	<1.0	<1.0	<1.0	–	5U	20U	10U	
hene	ug/L	2100	1350	170	119	323	–	1800	260	45	
ethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	20U	10U	
oromethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	20U	10U	
-Dichloroethene	ug/L	51.0	63.2	2.7	<1.0	5.8	–	54	–	–	
ichloroethene	ug/L	–	–	–	–	–	–	2800	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	320	36	

Notes:

Gaslon = Gaslon Laboratories
NET = National Environmental Testing
GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–17
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson OCT 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NET Dec 199
LATILE ORGANICS	Units									
hane	ug/L	–	–	10U	<20	<1.0	<5.0	<5.0	<1.0	<1
	ug/L	–	–	10U	<20	<1.0	<5.0	<5.0	<1.0	<1
ide	ug/L	–	–	10U	<20	<1.0	<2.0	<2.0	<1.0	<1
ne	ug/L	–	–	5U	<20	<1.0	<5.0	<5.0	<1.0	<1
Chloride	ug/L	–	–	5U	<10	<1.0	<5.0	<5.0	<1.0	<1
hloroethane	ug/L	–	–	5U	<10	<1.0	<5.0	<5.0	<1.0	<1
roethane	ug/L	–	–	5U	<10	<1.0	<5.0	<5.0	<1.0	<1
roethene	ug/L	–	–	5U	<10	<1.0	<5.0	<5.0	<1.0	<1
hene	ug/L	–	–	59	240	170	90	400	340	92
ethene	ug/L	–	–	5U	<10	<1.0	<5.0	<5.0	<1.0	<1
oromethane	ug/L	–	–	5U	<10	<1.0	<5.0	<5.0	<1.0	<1
-Dichloroethene	ug/L	–	–	5U	<10	<1.0	<5.0	<5.0	<1.0	<1
ichloroethene	ug/L	–	–	–	–	–	–	–	–	-
roethene (total)	ug/L	–	–	–	46	–	–	–	–	-

Notes:

Galson = Galson Laboratories
NET = National Environmental Testing
GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–17
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	Jul
LATILE ORGANICS	Units										
hane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
n	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ride	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
Chloride	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hloroethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
oroethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
oroethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hene	ug/L	460	529	75.1	100	72.4	–	160	140	27	
oethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
uoromethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
–Dichloroethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	–	
Dichloroethene	ug/L	–	–	–	–	–	–	35	–	–	
oroethene (total)	ug/L	–	–	–	–	–	–	–	27	3J	

Notes:

Gaslon = Gaslon Laboratories
NET = National Environmental Testing
GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–18
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson OCT 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NE Dec 199
LATILE ORGANICS	Units									
hane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
n	ug/L	–	–	–	–	86	230	<5.0	610	70
ide	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ne	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
Chloride	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hloroethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
roethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
roethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hene	ug/L	–	–	–	–	2500	7600	5900	17000	2200
ethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
oromethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
-Dichloroethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ichloroethene	ug/L	–	–	–	–	–	–	–	–	-
roethene (total)	ug/L	–	–	–	–	–	–	–	–	-

Notes:

Galson = Galson Laboratories
NET = National Environmental Testing
GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–18
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	July
LATILE ORGANICS	Units										
hane	ug/L	<10	<1.0	<1.0	<1.0	<100	–	5U	1000U	1000U	
	ug/L	490	457	157	11.7	175	–	270	200	300J	
de	ug/L	<10	<1.0	<1.0	<1.0	<100	–	10	1000U	1000U	
ne	ug/L	<10	<1.0	<1.0	<1.0	<100	–	5U	1000U	1000U	
Chloride	ug/L	<10	<1.0	<1.0	<1.0	<100	–	5U	1000U	1000U	
hloroethane	ug/L	<10	<1.0	<1.0	<1.0	<100	–	5U	1000U	1000U	
roethane	ug/L	<10	<1.0	<1.0	<1.0	<100	–	5U	1000U	1000U	
roethene	ug/L	<10	<1.0	1.7	<1.0	<100	–	5U	1000U	1000U	
hene	ug/L	12000	10000	3710	9840	7920	–	14000	10000	16000	
ethene	ug/L	<10	<1.0	<1.0	<1.0	<100	–	5U	1000U	1000U	
oromethane	ug/L	<10	<1.0	<1.0	<1.0	<100	–	5U	1000U	1000U	
-Dichloroethene	ug/L	<10	<1.0	3.0	<1.0	<100	–	5U	–	–	
ichloroethene	ug/L	–	–	–	–	–	–	700	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	440	450	

Notes:

Gaslon = Gaslon Laboratories
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ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–20
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson OCT 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NET Dec 199
LATILE ORGANICS	Units									
hane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ide	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ne	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
Chloride	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hloroethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
roethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
roethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hene	ug/L	–	–	–	–	23	26	46	52	3
ethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
oromethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
-Dichloroethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ichloroethene	ug/L	–	–	–	–	–	–	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	–	

Notes:

Galson = Galson Laboratories
NET = National Environmental Testing
GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–20
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	July
LATILE ORGANICS	Units										
hane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ide	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ne	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
Chloride	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hloroethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
roethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
roethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hene	ug/L	36	30	34	21	18	–	24	23	6J	
ethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
oromethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
-Dichloroethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	–	
ichloroethene	ug/L	–	–	–	–	–	–	26	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	26	7J	

Notes:

Gaslon = Gaslon Laboratories
NET = National Environmental Testing
GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–21
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson Oct 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NE Dec 199
LATILE ORGANICS	Units									
hane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
n	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ide	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ne	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
Chloride	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hloroethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	2.
roethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
roethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	1.0	3.
	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	5.
oromethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	5.
-Dichloroethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ichloroethene	ug/L	–	–	–	–	–	–	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	–	

Notes:

Gaslon = Gaslon Laboratories
NET = National Environmental Testing
GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–21
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	July
LATILE ORGANICS	Units										
hane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
ide	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
ne	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
Chloride	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
hloroethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
roethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
roethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
hene	ug/L	2.0	<1.0	2.5	2.4	2.3	–	5U	–	10U	
	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
ethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
oromethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	10U	
-Dichloroethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	–	
ichloroethene	ug/L	–	–	–	–	–	–	17	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	–	10	

Notes:

Gaslon = Gaslon Laboratories
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GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–22
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson OCT 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NE Dec 199
LATILE ORGANICS	Units									
hane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
n	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ide	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ne	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
Chloride	ug/L	–	–	–	–	<1.0	<5.0	6.0	<1.0	<1
hloroethane	ug/L	–	–	–	–	1.0	<5.0	<5.0	<1.0	<1
oroethane	ug/L	–	–	–	–	7.0	6.0	10.0	8.0	7.
oroethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hene	ug/L	–	–	–	–	87	100	200	87	9
oethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
uoromethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
-Dichloroethene	ug/L	–	–	–	–	4.0	<5.0	<5.0	<1.0	4.
Dichloroethene	ug/L	–	–	–	–	–	–	–	–	
oroethene (total)	ug/L	–	–	–	–	–	–	–	–	

Notes:

Gaslon = Gaslon Laboratories
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– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–22
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	July
LATILE ORGANICS	Units										
hane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
de	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ne	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
Chloride	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
loroethane	ug/L	<10	<1.0	1.3	<1.0	<1.0	–	5U	10U	10U	
roethane	ug/L	8.0	<1.0	3.0	4.4	<1.0	–	5.2	5.0	3J	
roethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
nene	ug/L	100	74.9	69.3	73.9	98.9	–	89	89	79	
ethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
oromethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
-Dichloroethene	ug/L	3.0	<1.0	1.4	1.7	2.4	–	5U	–	–	
ichloroethene	ug/L	–	–	–	–	–	–	150	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	140	140	

Notes:

Gaslon = Gaslon Laboratories
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GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–23
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson OCT 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NE Dec 199
LATILE ORGANICS	Units									
hane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
n	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ide	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
Chloride	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hloroethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
oroethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
oroethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
oethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
uoromethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
-Dichloroethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
Dichloroethene	ug/L	–	–	–	–	–	–	–	–	
oroethene (total)	ug/L	–	–	–	–	–	–	–	–	

Notes:

Gaslon = Gaslon Laboratories
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GTC = General Testing Corporation
ES = Engineering–Science, Inc. (PACE Laboratory)
– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–23
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	Jun
LATILE ORGANICS	Units										
hane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ide	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ne	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
Chloride	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hloroethane	ug/L	<10	<1.0	7.9	<1.0	<1.0	–	5U	10U	10U	
roethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
roethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	1.0	10U	
ethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
oromethane	ug/L	<10	<1.0	3.0	<1.0	<1.0	–	5U	10U	10U	
-Dichloroethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	–	
ichloroethene	ug/L	–	–	–	–	–	–	5U	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	1.0	10U	

Notes:

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– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–24
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson OCT 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NET Dec 199
LATILE ORGANICS	Units									
nane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ide	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ne	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
Chloride	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
nloroethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	1.0	1.
roethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
roethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hene	ug/L	–	–	–	–	4.0	6.0	9.0	2.0	6.
ethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
oromethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
-Dichloroethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ichloroethene	ug/L	–	–	–	–	–	–	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	–	

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SUMMARY OF HISTORICAL DATA FOR MONITORING WELL PT–24
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	Jul
LATILE ORGANICS	Units										
hane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
n	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ide	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ne	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
Chloride	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hloroethane	ug/L	1.0	<1.0	126	<1.0	<1.0	–	5U	10U	10U	
roethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
roethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hene	ug/L	8.0	8.6	2.8	4.4	6.2	–	6.7	7.0	5J	
oethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
oromethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
-Dichloroethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	–	
Dichloroethene	ug/L	–	–	–	–	–	–	110	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	100	81	

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SUMMARY OF HISTORICAL DATA FOR MONITORING WELL MW–28
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson OCT 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NET Dec 199
LATILE ORGANICS	Units									
hane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ide	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ne	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
Chloride	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hloroethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
Droethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
roethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
hene	ug/L	–	–	–	–	27.0	37.0	39.0	28.0	36.0
ethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
oromethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
-Dichloroethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	<1.0	<1
ichloroethene	ug/L	–	–	–	–	–	–	–	–	-
roethene (total)	ug/L	–	–	–	–	–	–	–	–	-

Notes:

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– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL MW–28
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	July
LATILE ORGANICS	Units										
hane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ide	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
ne	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
Chloride	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hloroethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
Droethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
roethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
hene	ug/L	39.0	21.2	30.2	28.4	25.8	–	30	30	22	
ethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
oromethane	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	10U	10U	
-Dichloroethene	ug/L	<10	<1.0	<1.0	<1.0	<1.0	–	5U	–	–	
ichloroethene	ug/L	–	–	–	–	–	–	51	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	47	41	

Notes:

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SUMMARY OF HISTORICAL DATA FOR MONITORING WELL MW–29
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	Galson Aug 1987	Galson OCT 1987	Galson Mar 1989	Galson Sept 1989	NET Jan 1990	NET Mar 1990	NET June 1990	NET Sept 1990	NET Dec 199
LATILE ORGANICS	Units									
hane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
ide	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
ne	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
Chloride	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
hloroethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	1.0
roethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
roethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
hene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
roethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
ethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
oromethane	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
-Dichloroethene	ug/L	–	–	–	–	<1.0	<5.0	<5.0	–	<1
ichloroethene	ug/L	–	–	–	–	–	–	–	–	-
roethene (total)	ug/L	–	–	–	–	–	–	–	–	-

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– = No Data

SUMMARY OF HISTORICAL DATA FOR MONITORING WELL MW–29
ASH LANDFILL
SENECA ARMY DEPOT
ROMULUS, NEW YORK

Parameter	Source: Date:	NET June 1991	NET Sept 1991	NET Dec 1991	NET Mar 1992	NET June 1992	Sept 1992	GTC Dec 1992	ES Jan 1993	ES April 1993	Jul
LATILE ORGANICS	Units										
hane	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
n	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
ide	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
ne	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
Chloride	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
hloroethane	ug/L	2.0	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
roethane	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
roethene	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
hene	ug/L	1.0	–	1.2	<1.0	<1.0	–	5U	2	10U	
roethane	ug/L	1.0	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
ethene	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
oromethane	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	10U	10U	
-Dichloroethene	ug/L	<10	–	<1.0	<1.0	<1.0	–	5U	–	–	
ichloroethene	ug/L	–	–	–	–	–	–	67	–	–	
roethene (total)	ug/L	–	–	–	–	–	–	–	70	78	

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Section 2.0
Metals

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED METALS ANALYSIS RESULTS

MATRIX	WATER		WATER		WATER		WATER		WATER		WATER		WATER
LOCATION	ASH		ASH		ASH		ASH		ASH		ASH		ASH
DATE SAMPLED	06/21/93		07/10/93		07/13/93		06/22/93		07/02/93		07/11/93		07/13/93
ES ID	PT-10		PT-11		PT-12		PT-15		PT-16		PT-17		PT-18
LAB ID	36560-023		36752-009		36794-013		36627-004		36673-021		36762-006		36794-0
UNITS													
ug/L	45.8	J	4090		5550		369	J	190	J	293	J	5
ug/L	16.8	U	16.8	U	16.8	U	16.8	U	16.8	U	16.8	U	16
ug/L	0.8	U	1.2	J	1.8	J	0.8	U	0.8	U	0.8	U	
ug/L	183	J	155	J	68.2	J	54.4	J	45.9	J	57.8	J	42
ug/L	0.3	U	0.43	J	0.4	J	0.3	U	0.3	U	0.3	U	0.
ug/L	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2
ug/L	80900		135000		267000		25200		114000		127000		2160
ug/L	3.3	U	5	J	7.8	J	3.3	U	3.3	U	3.3	U	3
ug/L	2.7	U	2.7	U	4.6	J	2.7	U	2.7	U	2.7	U	2
ug/L	2.1	U	6.2	R	5.8	R	3.5	R	2.2	R	3.3	R	3
ug/L	127	J	4860		6550		507	J	227		375	J	8
ug/L	1	U	3	R	4.1	J	1	U	1	R	1.6	J	2
ug/L	34400		37500		35700		12700		13800		12400		265
ug/L	121		181		288		17.8		8.6	J	7.2	R	8
ug/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0
ug/L	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U	8
ug/L	2460	J	3590	J	4160	J	2200	J	957	J	1160	J	22
ug/L	1.1	U	1.1	U	1.1	UJ	1.1	U	1.1	U	1.1	U	1
ug/L	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2
ug/L	41500		35000		137000		559000		6130		31300		1010
ug/L	1.2	UJ	1.2	U	1.2	U	1.2	UJ	1.2	U	1.2	UJ	1
ug/L	3	U	8.2	J	8.3	J	3	U	3	U	3	U	
ug/L	9.1	R	32.3	R	38.1	R	13.5	R	8.6	R	8.1	R	47
ug/L	3.8	J	1.8	U	1.8	U	5.2		1.8	U	1.8	U	1

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED METALS ANALYSIS RESULTS

MATRIX	WATER		WATER		WATER		WATER		WATER		WATER		WATER
LOCATION	ASH		ASH		ASH		ASH		ASH		ASH		ASH
DATE SAMPLED	07/10/93		07/10/93		06/22/93		07/09/93		06/28/93		07/01/93		07/01/93
ES ID	PT-20		PT-22		PT-23		PT-24		PT-25		PT-26		MW-27
LAB ID	36752-008		36752-010		36580-015		36748-014		36627-005		36673-019		36673-01
UNITS													
ug/L	2380		4790		1530	J	1180		1680	J	42600		109
ug/L	16.8	U	16.8	U	16.8	U	16.8	U	16.8	U	16.8	U	16
ug/L	0.8	U	1.5	J	0.8	U	0.8	U	0.8	U	3.3	J	1
ug/L	91.8	J	101	J	48.8	J	49.8	J	30.7	J	337		1
ug/L	0.32	J	0.43	J	0.3	U	0.32	J	0.3	U	2.5	J	0
ug/L	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2
ug/L	165000		166000		116000		113000		60000		319000		1230
ug/L	3.3	U	6.4	J	3.3	U	3.3	U	3.3	U	64.9		3
ug/L	2.7	U	3.4	J	2.7	U	2.7	U	2.7	U	30.8	J	2
ug/L	3.5	R	8.1	R	2.4	R	2.6	R	2.8	R	62.6		2
ug/L	3250		6270		1800	J	1460		2040	J	85700		332
ug/L	1.4	R	3	R	1	U	1.1	R	1	U	17.3		
ug/L	17300		20100		13000		12500		9640		66600		190
ug/L	79.8		145		48.8		51.1		34.6		1360		8
ug/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0
ug/L	8.9	J	9	J	8.3	U	8.3	U	8.3	U	97.2		8
ug/L	2350	J	2750	J	1710	J	1890	J	1730	J	6990		62
ug/L	1.1	U	1.1	U	1.1	U	1.1	U	1.1	U	5.5	U	1
ug/L	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2
ug/L	34000		70400		4800	J	15100		459000		30200		165
ug/L	1.2	U	1.2	U	1.3	R	1.2	U	1.4	R	1.2	J	1
ug/L	3.7	J	8.9	J	5.9	J	4	J	3	U	60.3		3
ug/L	13.7	R	34.4	R	14.8	R	11.3	R	10.5	R	282		12
ug/L	1.9	R	1.8	U	14.1		1.8	R	6.4		2.6	R	1

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED METALS ANALYSIS RESULTS

MATRIX	WATER		WATER		WATER		WATER		WATER		WATER		WATER
LOCATION	ASH		ASH		ASH		ASH		ASH		ASH		ASH
DATE SAMPLED	07/09/93		07/07/93		06/29/93		07/07/93		06/23/93		07/01/93		07/01/93
ES ID	MW-28		MW-29		MW-31		MW-32		MW-34		MW-35D		MW-36
LAB ID	36748-012		36729-006		36649-009		36748-015		36580-017		36673-020		36673-0
UNITS													
ug/L	6020		76000		13900		1680		1590	J	46.6	J	12
ug/L	20.4	J	16.8	U	16.8	U	16.8	U	16.8	U	16.8	U	16
ug/L	0.8	U	3.1	J	1.3	J	0.8	U	0.8	U	0.8	U	0
ug/L	72.1	J	420		112	J	55.9	J	81.2	J	103	J	78
ug/L	0.33	J	4.4	J	0.68	J	0.32	J	0.3	U	0.3	U	0.
ug/L	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2
ug/L	124000		274000		129000		136000		122000		27400		1330
ug/L	8.2	J	116		19.4		3.3	U	3.3	U	3.3	U	3
ug/L	2.7	U	82.4		12.6	J	2.7	U	4.2	J	2.7	U	2
ug/L	166	J	172		20.6	J	3.4	R	4.4	R	4	R	4
ug/L	7540		162000		23000		1940		2140	J	90.2	J	16
ug/L	1.8	R	43.1		5.9		1.3	R	1	U	1.2	R	1
ug/L	13900		63700		20100		17700		17600		8480		183
ug/L	217		4030		532		99.7		136		57.6		1
ug/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0
ug/L	9.4	J	191		35.7	J	8.3	U	8.3	U	8.3	U	8
ug/L	2780	J	8740		4230	J	3070	J	2240	J	2240	J	21
ug/L	1.1	U	5.5	U	1.1	U	1.1	U	1.1	U	1.1	U	3
ug/L	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2
ug/L	11000		26900		16600		26000		18300		80600		221
ug/L	1.2	U	1.2	UJ	6.2	R	1.2	U	1.2	UJ	1.2	U	1
ug/L	9.5	J	102		22.5	J	4.9	J	5.8	J	3	U	
ug/L	113	J	498		83.3		16.5	R	15.8	R	8.1	R	18
ug/L	1.8	U	3.2	J	2.4	J	1.8	U	1.8	U	2	R	1

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED METALS ANALYSIS RESULTS

MATRIX	WATER		WATER		WATER		WATER		WATER		WATER		WATER
LOCATION	ASH		ASH		ASH		ASH		ASH		ASH		ASH
DATE SAMPLED	06/22/93		07/02/93		06/21/93		06/29/93		06/20/93		06/21/93		07/23/93
ES ID	MW-37		MW-38D		MW-39		MW-40		MW-41D		MW-42D		FH-S
LAB ID	36580-016		36673-022		36560-025		36649-008		36542-004		36560-026		36929-0
UNITS													
ug/L	4470	J	262		37.9	J	747	J	45.7	J	38.6	J	1
ug/L	16.8	U	16.8	U	16.8	U	16.8	U	16.8	U	16.8	U	1
ug/L	1	J	0.8	U	0.8	U	0.8	U	0.8	U	0.8	U	
ug/L	90.1	J	117	J	39.3	J	58.2	J	65.4	J	88.3	J	9
ug/L	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	0.3	U	
ug/L	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	
ug/L	116000		92400		106000		104000		37700		58200		940
ug/L	7.6	J	3.3	U	3.3	U	4.4	J	3.3	U	3.3	U	
ug/L	5.8	J	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	
ug/L	4.7	R	3	R	2.1	U	2.1	U	2.7	R	2.1	U	
ug/L	5550		601		31.1	J	1140	J	51.8	J	116	J	1
ug/L	1	U	1	U	1	U	1	J	1	U	1	U	
ug/L	17000		15900		14300		11500		14200		28700		206
ug/L	169		202		25.2		40.8		31.9		53		1
ug/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	
ug/L	10.6	J	8.3	U	9.2	J	8.3	U	8.3	U	8.3	U	
ug/L	2290	J	2920	J	2200	J	1740	J	2360	J	2410	J	92
ug/L	1.1	U	1.1	U	1.1	U	1.1	U	3.1	R	1.1	U	
ug/L	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	
ug/L	15000		4750	J	10800		15100		96000		16500		360
ug/L	1.2	UJ	1.2	U	1.2	UJ	1.2	R	1.2	UJ	1.3	R	
ug/L	10.9	J	3.1	J	3	U	5	J	3	U	3	U	
ug/L	16	R	15.6	R	9	R	10.9	R	17.1	R	5	R	5
ug/L	1.8	U	2	R	7		1.8	U	1.8	U	17.2		

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED METALS ANALYSIS RESULTS

MATRIX	WATER		WATER	
LOCATION	ASH		ASH	
DATE SAMPLED	07/23/93		07/23/93	
ES ID	FH-D		BRN-S	
LAB ID	36929-013		36929-015	
UNITS				
ug/L	648		28.1	J
ug/L	16.8	U	16.8	U
ug/L	0.8	U	0.8	U
ug/L	558		81.2	J
ug/L	0.3	U	0.3	U
ug/L	2.4	U	2.4	U
ug/L	14200		131000	
ug/L	3.3	U	3.3	U
ug/L	2.7	U	2.7	U
ug/L	3.1	R	2.1	U
ug/L	723		94.2	J
ug/L	1.4	J	4	J
ug/L	5910		24800	
ug/L	7.8	R	3.4	R
ug/L	0.1	U	0.1	U
ug/L	8.3	U	8.3	U
ug/L	1800	J	6480	
ug/L	1.1	UJ	1.1	UJ
ug/L	2.6	U	2.6	U
ug/L	162000		3900	J
ug/L	1.2	U	1.2	U
ug/L	3.9	J	3.3	J
ug/L	5	R	34.8	R
ug/L	1.8	U	2.2	J

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED METALS ANALYSIS RESULTS

MATRIX	WATER		WATER		WATER		WATER		WATER		WATER	
LOCATION	ASH		ASH		ASH		ASH		ASH		ASH	
DATE SAMPLED	06/21/93		06/21/93		07/13/93		07/13/93		07/09/93		07/09/93	
ES ID	PT-10R		PT-110		PT-18R		PT-112		MW-28R		PT-111	
LAB ID	36560-022		36560-024		36794-010		36794-011		36748-013		36748-011	
	PT10 Rinsate		PT10 Dup		PT18 Rinsate		PT18 Dup		MW28 Rinsate		MW28 Dup	
UNITS												
ug/L	14.6	U	36	J	14.6	U	768		14.6	U	4460	
ug/L	16.8	U	16.8	U	16.8	U	16.8	U	16.8	U	16.8	U
ug/L	0.8	U	0.8	U	0.8	U	1.1	J	0.8	U	0.8	U
ug/L	1.4	R	179	J	1.1	U	43.5	J	1.1	U	64.4	J
ug/L	0.3	U	0.3	U	0.3	U	0.49	J	0.3	U	0.65	J
ug/L	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U	2.4	U
ug/L	687	R	80100		228	J	208000		356	R	121000	
ug/L	3.3	U	3.3	U	3.3	U	3.3	U	3.3	U	7.4	J
ug/L	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U	2.7	U
ug/L	3.8	J	2.1	U	4.4	J	2.8	J	4.7	R	6.6	R
ug/L	11.6	U	118	J	11.6	U	1050		21.3	R	6060	
ug/L	1	U	1	U	1	UJ	4.1	J	1.6	R	1.6	R
ug/L	67.7	R	34000		13.6	J	25500		30.2	R	13300	
ug/L	1.4	U	121		2.1	J	764		1.4	U	183	
ug/L	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
ug/L	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U	8.3	U
ug/L	165	U	2620	J	165	U	2070	J	165	U	2280	J
ug/L	1.3	J	1.1	U	2.4	R	1.3	R	1.1	U	1.2	R
ug/L	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U	2.6	U
ug/L	246	R	41000		219	R	97300		291	R	10700	
ug/L	1.6	R	1.2	UJ	1.2	U	1.2	U	1.2	U	1.2	U
ug/L	3	U	3.2	J	3	U	3	U	3	U	8.8	J
ug/L	9.2	R	4.5	R	23		55.5		25.5	R	27.8	R
ug/L	11.3		10.1	J	1.8	U	1.8	U	1.8	U	1.8	U

Section 3.0
Indicator Parameters

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED INDICATOR ANALYSIS RESULTS

	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER		WATER
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH		ASH
	DATE SAMPLED	06/21/93		07/10/93		07/13/93		06/22/93		07/02/93		07/11/93		07/13/93
	ES ID	PT-10		PT-11		PT-12		PT-15		PT-16		PT-17		PT-18
	LAB ID	36560-13,18,28,33,38		36762-11,5		36794-9,21,25,29,33		36580-10,14		36673-10,15,31,36,41		36762-9,3,12,14,16		36794-8
	UNITS			36786-2,3,4				36627-9,11,13						
c Carbon	mg/L	19		10	U	4		2		2		2		
c Halides	mg/L	0.05		0.05		2.1		0.02		0.03		0.22		6
	mg/L	64		48		170		8		12		22		6
	mg/L	16		100		340		39		21		66		22
ductance	umhos/cm	800		900		1700		510		600		720		140
ite	mg/L as N	0.05	U	0.19		0.05	U	0.32		0.05	U	0.28		0.0
	S.U.	7.39		7.29		6.98		7.55		7.02		6.97		6.8
e	mg/L	0.01	U											

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED INDICATOR ANALYSIS RESULTS

3	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER		WATER	
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH		ASH	
	DATE SAMPLED	07/10/93		07/10/93		06/22/93		07/09/93		06/28/93		07/01/93		07/07/93	
	ES ID	PT−20		PT−22		PT−23		PT−24		PT−25		PT−26		MW−27	
	LAB ID	36752−19,6,13,15,17		36762−10,4,13,15,17		36580−7,11,21,24,27		36748−27,10,23,31,35		36627−3,8,10,12,14		36673−8,13,29,34,39		36729−4	
	UNITS														
Carbon	mg/L	2		2	U	2		2	U	2		2			
Halides	mg/L	0.03		0.17		0.04		0.09		0.02	U	0.02	U	0.0	
	mg/L	33		90		13		16		28		11		4	
	mg/L	120		170		25		37		37		100		5	
luctance	umhos/cm	910		1100		600		650		650		780		76	
te	mg/L as N	0.05	U	0.05	U	0.05	U	0.06		1.5		0.21		0.0	
	S.U.	6.93		7.08		7.32		6.95		7.04		7.15		7.3	
	mg/L														

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED INDICATOR ANALYSIS RESULTS

	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER		WATER
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH		ASH
	DATE SAMPLED	07/09/93		07/07/93		06/29/93		07/07/93		06/23/93		07/01/93		07/01/93
	ES ID	MW-28		MW-29		MW-31		MW-32		MW-34		MW-35D		MW-36
	LAB ID	36748-25,8,21,29,33		36729-5,8,12,14,16		36649-7,13,15,17,19		36752-20,7,14,16,18		36580-9,13,23,26,29		36673-9,14,30,35,40		36673-
	UNITS													
Carbon	mg/L	3		2		2		4		1		3		
Halides	mg/L	0.06		0.1		0.03		0.01	U	0.02	U	0.02	U	0.0
	mg/L	17		23		32		55		19		22		2
	mg/L	24		66		37		58		30		30		6
ductance	umhos/cm	620		750		580		840		680		530		75
ite	mg/L as N	0.1		0.17		0.66		0.82		0.05		0.05	U	1.
	S.U.	7.03		7.13		7.09		6.93		7.14		7.79		7.0
	mg/L											0.01	U	

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED INDICATOR ANALYSIS RESULTS

	MATRIX	WATER		WATER		WATER	WATER	WATER		WATER	WATER
	LOCATION	ASH		ASH		ASH	ASH	ASH		ASH	ASH
	DATE SAMPLED	06/22/93		07/02/93		06/21/93	06/29/93	06/20/93		06/21/93	07/23/93
	ES ID	MW-37		MW-38D		MW-39	MW-40	MW-41D		MW-42D	FH-S
	LAB ID	36580-8,12,22,25,28		36673-11,16,32,37,42		36560-15,30,35,40	36649-6,12,14,16,18	36542-3,6,7,8,9		36560-11,16,31,36,41	36929-2
	UNITS										36929-6
Carbon	mg/L	2		3		2	2	1		2	
Halides	mg/L	0.02		0.02	U	0.05	0.02	0.02	U	0.03	0.0
	mg/L	29		10		21	6	10		3	
	mg/L	27		35		24	100	53		23	3
luctance	umhos/cm	650		540		590	570	660		530	76
te	mg/L as N	0.05	U	0.05	U	0.08	0.25	0.12		0.26	1.
	S.U.	7.11		7.29		7.18	7.21	7.55		7.48	7.2
	mg/L										

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED INDICATOR ANALYSIS RESULTS

	MATRIX	WATER		WATER
	LOCATION	ASH		ASH
	DATE SAMPLED	07/23/93		07/23/93
	ES ID	FH-D		BRN-S
	LAB ID	36929-26,39,66		36929-28,41,68
	UNITS	36929-79,93		36929-81,95
Carbon	mg/L	2		11
Halides	mg/L	0.02	U	1.6
	mg/L	13		15
	mg/L	29		74
ductance	umhos/cm	800		830
te	mg/L as N	0.05	U	6.3
	S.U.	8.67		7.25
	mg/L			

ASH LANDFILL THIRD QUARTER 1993 MONITORING
VALIDATED INDICATOR ANALYSIS RESULTS

	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER	
	LOCATION	ASH		ASH		ASH		ASH		ASH		ASH	
	DATE SAMPLED	06/21/93		06/21/93		07/13/93		07/13/93		07/09/93		07/09/93	
	ES ID	PT-10R		PT-110		PT-18R		PT-112		MW-28R		PT-111	
	LAB ID	36560-7,12,27,32,37		36560-9,14,29,34,39		36794-6,18,22,26,30		36794-7,19,23,27,31		36748-26,9,22,30,34		36748-24,7,20,28,32	
	UNITS	PT10 Rinsate		PT10 Dup		PT18 Rinsate		PT18 Dup		MW28 Rinsate		MW28 Dup	
Carbon	mg/L	1	U	19		1	U	5		1	U	2	U
Halides	mg/L	0.02	U	0.12		0.01	U	7.4		0.02	U	0.06	
	mg/L	1	U	63		1	U	65		1	U	17	
	mg/L	1	U	16		1		220		1		24	
ductance	umhos/cm	9.4		790		5.7		1400		3.1		630	
ite	mg/L as N	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U
	S.U.	6.49		7.34		6.21		6.89		7.94		6.91	
	mg/L												