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GROUNDWATER MONITORING
VALIDATED ANALYTICAL RESULTS FOR THE FIRST QUARTER 1994
OB GROUNDS, SENECA ARMY DEPOT

PREPARED FOR:
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TABLE OF CONTENTS

1.0 Inorganics

2.0 Explosives

3.0 Indicator Parameters

- 3.1 Indicator Parameters Results
- 3.2 Statistical Analysis

4.0 QA/QC Data

- 4.1 Surrogate Spike Recoveries
- 4.2 Matrix Spike/Matrix Spike Duplicates
- 4.3 Method Blanks
- 4.4 Laboratory Control Samples and Duplicates for Indicator Parameters
- 4.5 Indicator Parameter Data

Section 1.0
Inorganics

OB GROUNDS FIRST QUARTER 1994 MONITORING
INORGANICS ANALYSIS RESULTS

T.WK3	MATRIX		WATER		WATER		WATER		WATER		WATER		W
	SITE		OB		OB		OB		OB		OB		O
	DATE SAMPLED		3/01/94		3/02/94		3/01/94		3/01/94		2/28/94		2/28/94		3
	DATE ANALYZED		*		*		*		*		*		*		
	ES ID		MW-1		MW-2		MW-3		MW-4		MW-7		MW-16		M
	LAB ID		39506-021		39517-023		39506-020		39506-015		39479-005		39479-006		3
	UNITS														
M	ug/L	296		850		587		6070		277		2040		17.9	L
Y	ug/L	15.6	U	17.9	J	15.6	U	15.6	U	15.6	U	15.6	U	15.6	U
	ug/L	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U	2.9	U
	ug/L	43.6	J	45	J	23.7	J	110	J	42.9	J	40.8	J	18.6	J
M	ug/L	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.43	J	0.4	U
	ug/L	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
	ug/L	108000		116000		104000		146000		73800		132000		162000	
M	ug/L	3.1	J	2.3	U	2.3	U	9.1	J	2.3	U	2.8	J	2.3	U
	ug/L	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U
	ug/L	2.6	U	2.6	U	2.6	U	13.1	J	2.6	U	2.6	U	2.6	U
	ug/L	295		1380		597		9090		533		3080		417	
	ug/L	0.7	U	1.3	J R	3.2	R	7.3	R	0.7	U	8.5	R	0.78	J
UM	ug/L	23900		18700		19000		27400		16200		24800		30300	
ESE	ug/L	1	J	21.3		3.7	J	143		6.8	J	53.6		66.4	
	ug/L	0.1	U	0.1	U	0.1	U	0.79		0.1	U	0.1	U	0.1	U
	ug/L	10.4	U	10.4	U	10.4	U	17.5	J	10.4	U	10.4	U	10.4	U
M	ug/L	1470	J	1350	J	1080	J	5040		1100	J	1630	J	1600	J
	ug/L	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
	ug/L	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U
	ug/L	9560		10700		3740	J	18800		5340		5190		16100	
	ug/L	2.8	U	2.8	U	2.8	U	3.4	J	4.7	J	2.8	U	3.3	J
M	ug/L	3.3	U	3.3	U	3.3	U	8.5	J	3.3	U	3.3	U	3.3	U
	ug/L	15.8	J	12	J	3.8	J	53.9		4.3	J	18.3	J	19.5	J
	ug/L	1	U	1	U	1	U	1	U	1	U	1.3	J	1	U

Notes:

(1) * All Arsenic, Lead, Selenium and Thallium samples were analyzed on March 8, 1994. All other samples were analyzed on March 10, 1994.

OB GROUNDS FIRST QUARTER 1994 MONITORING
INORGANICS ANALYSIS RESULTS

T.WK3	MATRIX		WATER		WATER		WATER		WATER		WATER		WATER		W
	SITE		OB		OB		OB		OB		OB		OB		O
	DATE SAMPLED		3/02/94		3/07/94		3/04/94		3/02/94		3/01/94		3/01/94		3
	DATE ANALYZED		*		*		*		*		*		*		
	ES ID		MW-24		MW-25		MW-26		MW-27		MW-28		MW-29		M
	LAB ID		39517-021		39517-018		39517-020		39517-022		39506-017		39506-019		3
	UNITS														
M	ug/L	694		53.4	J	928		17.9	U	201		1910		17.9	U
Y	ug/L	15.6	U	15.6	U	15.6	U	15.6	U	15.6	U	15.6	U	15.6	U
	ug/L	2.9	U	2.9	U	3.2	J	2.9	U	2.9	U	2.9	U	2.9	U
	ug/L	77.1	J	37.7	J	41.4	J	65.6	J	77.3	J	78.5	J	72.5	J
M	ug/L	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U	0.4	U
	ug/L	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U	2.1	U
	ug/L	155000		101000		93700		116000		71400		122000		179000	
M	ug/L	2.3	U	2.3	U	10.2		2.3	U	2.3	U	4.7	J	2.3	U
	ug/L	3.2	U	3.2	U	3.2	U	3.2	U	3.2	U	3.8	J	3.2	U
	ug/L	2.6	U	2.6	U	15.9	J	2.6	U	2.6	U	2.6	U	2.6	U
	ug/L	1050		171		112		79.4	J	158		3060		65.1	J
	ug/L	8.8	R	3.9	R	0.7	U	0.7	U	10.7	R	8.4	R	0.95	J
UM	ug/L	51000		18200		22	U	55700		16000		29900		26700	
ESE	ug/L	16.1		30.7		1	U	123		2.1	J	63.8		6.1	J
	ug/L	0.1	U	0.18	J	0.1	U	0.1	U	0.1	U	0.1	U	0.1	U
	ug/L	10.4	U	10.4	U	10.4	U	10.4	U	10.4	U	10.4	J	10.4	U
M	ug/L	3740	J	1190	J	14200		6220		4870	J	2020	J	1120	J
	ug/L	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U	1.7	U
	ug/L	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U	3.6	U
	ug/L	42300		3830	J	69100		20000		30600		14700		20700	
	ug/L	3.2	J	2.8	U	2.8	U	2.8	U	2.8	J	2.8	U	2.8	U
M	ug/L	3.3	U	3.3	U	5.8	J	3.3	U	3.3	U	4.4	J	3.3	U
	ug/L	12.5	J	37.5		6.2	J	4.9	J	3.6	J	17	J	5.2	J
	ug/L	11.6		1	U	1	U	2.9	J	1	U	2.4	J	1	U

Notes:
(1) * All Arsenic, Lead, Selenium and Thallium samples were analyzed on March 8, 1994. All other samples were analyzed on March 10, 1994.

OB GROUNDS FIRST QUARTER 1994 MONITORING
INORGANICS ANALYSIS RESULTS

T.WK3	MATRIX		WATER		WATER
	SITE		OB		OB
	DATE SAMPLED		3/01/94		3/01/94
	DATE ANALYZED		*		*
	ES ID		MW-29R		MW-161
	LAB ID		39506-018		39506-016
	UNITS		(MW-29 Rinsate)		(Duplicate of MW-29)
M	ug/L	17.9	U	1640	
Y	ug/L	15.6	U	15.6	U
	ug/L	2.9	U	2.9	U
	ug/L	2.4	U	79.7	J
M	ug/L	0.4	U	0.4	U
	ug/L	2.1	U	2.1	U
	ug/L	187	J	124000	
M	ug/L	2.3	U	3.5	J
	ug/L	3.2	U	3.2	U
	ug/L	2.6	U	2.6	U
	ug/L	26.4	J	2710	
	ug/L	5.3		5.4	R
UM	ug/L	64.9	J	30600	
ESE	ug/L	1	U	59.6	
Y	ug/L	0.1	U	0.1	U
	ug/L	10.4	U	10.4	U
UM	ug/L	692	J	2280	J
M	ug/L	1.7	U	1.7	U
	ug/L	3.6	U	3.6	U
	ug/L	2020	J	15000	
I	ug/L	2.8	U	3.2	J
M	ug/L	3.3	U	3.3	U
	ug/L	3.6	J	15.4	J
	ug/L	1	U	1	U

Notes:
(1) * All Arsenic, Lead, Selenium and Thallium samples were analyzed on March 8, 1994. All other samples were analyzed on March 10, 1994.

Section 2.0
Explosives

OB GROUNDS FIRST QUARTER 1994 MONITORING
EXPLOSIVES ANALYSIS RESULTS

WK3	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER		
	SITE	OB		OB		OB		OB		OB		OB		
	DATE SAMPLED	3/01/94		3/02/94		3/01/94		3/01/94		2/28/94		2/28/94		
	DATE ANALYZED	3/14/94		3/15/94		3/14/94		3/14/94		3/14/94		3/14/94		
	ES ID	MW-1		MW-2		MW-3		MW-4		MW-7		MW-16		
	LAB ID	39506-014		39517-016		39506-013		39506-008		39479-001		39479-002		
	UNITS													
	ug/L	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08
	ug/L	0.08	U	0.08	U	0.08	U	0.11		0.08	U	0.08	U	0.08
robenzene	ug/L	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07
benzene	ug/L	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07
	ug/L	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06
ne	ug/L	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07
rotoluene	ug/L	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08
2,6-dinitrotoluene	ug/L	0.13	U	0.13	U	0.13	U	0.16		0.13	U	0.13	U	0.13
4,6-dinitrotoluene	ug/L	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
toluene	ug/L	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06
toluene	ug/L	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
ene	ug/L	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04
ene	ug/L	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06
ene	ug/L	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06

Notes:

(1) * Samples were collected on March 3rd and 7th.

OB GROUNDS FIRST QUARTER 1994 MONITORING
EXPLOSIVES ANALYSIS RESULTS

WK3	MATRIX	WATER		WATER		WATER		WATER		WATER		WATER		
	SITE	OB		OB		OB		OB		OB		OB		
	DATE SAMPLED	3/02/94		3/03/94		3/04/94		3/02/94		3/01/94		3/01/94		
	DATE ANALYZED	3/15/94		3/15/94		3/15/94		3/15/94		3/14/94		3/14/94		
	ES ID	MW-24		MW-25		MW-26		MW-27		MW-28		MW-29		
	LAB ID	39517-014		39517-011		39517-013		39517-015		39506-010		39506-012		
	UNITS													
	ug/L	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08
	ug/L	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08
robenzene	ug/L	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07
benzene	ug/L	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07
	ug/L	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06
ne	ug/L	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07	U	0.07
rotoluene	ug/L	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08	U	0.08
2,6-dinitrotoluene	ug/L	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13	U	0.13
4,6-dinitrotoluene	ug/L	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
toluene	ug/L	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06
toluene	ug/L	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05	U	0.05
ene	ug/L	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04	U	0.04
ene	ug/L	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06
ene	ug/L	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06	U	0.06

OB GROUNDS FIRST QUARTER 1994 MONITORING
EXPLOSIVES ANALYSIS RESULTS

.WK3	MATRIX		WATER		WATER	
	SITE		OB		OB	
	DATE SAMPLED		3/01/94		3/01/94	
	DATE ANALYZED		3/14/94		3/14/94	
	ES ID		MW-29R		MW-161	
	LAB ID		39506-011		39506-009	
	UNITS		(MW-29 Rinsate)		(Duplicate of MW-29)	
	ug/L	0.08	U	0.08	U	
	ug/L	0.08	U	0.08	U	
trobenzene	ug/L	0.07	U	0.07	U	
benzene	ug/L	0.07	U	0.07	U	
	ug/L	0.06	U	0.06	U	
ne	ug/L	0.07	U	0.07	U	
trotoluene	ug/L	0.08	U	0.08	U	
2,6-dinitrotoluene	ug/L	0.13	U	0.13	U	
4,6-dinitrotoluene	ug/L	0.05	U	0.05	U	
toluene	ug/L	0.06	U	0.06	U	
toluene	ug/L	0.05	U	0.05	U	
ene	ug/L	0.04	U	0.04	U	
ene	ug/L	0.06	U	0.06	U	
ene	ug/L	0.06	U	0.06	U	

Section 3.0
Indicator Parameters

3.1
Indicator Parameters Results

OB GROUNDS FIRST QUARTER 1994 MONITORING
INDICATOR ANALYSIS RESULTS

3	MATRIX	WATER	WATER	WATER	WATER	WATER	WATER	
	SITE	OB	OB	OB	OB	OB	OB	
	DATE SAMPLED	3/01/94	4/03/94	4/03/94	4/03/94	3/02/94	4/03/94	
	DATE ANALYZED	*	*	*	*	*	*	
	ES ID	MW-1	MW-1A	MW-1B	MW-1C	MW-2	MW-2A	
	LAB ID	**	**	**	**	**	**	
PARAMETER	UNITS							
al Organic Carbon	mg/L	5	2	2	4	2	4	
	units	7.24	7.21	7.23	7.23	7.40	7.44	7.
oride	mg/L	3	–	–	–	2	–	
ate	mg/L	190	–	–	–	100	–	
cific Conductance	umhos/cm	720	730	720	710	640	500	5
ate+Nitrite	mg/L as N	0.82	–	–	–	0.05 U	–	
al Organic Halides	mg/L	0.02 U	0.02	0.03	0.05	0.02 U	0.07	0.

Notes:
(1) * Analysis dates vary for each parameter (See Section 4.5).
(2) ** The Lab ID is different for each parameter (See Section 4.5).

OB GROUNDS FIRST QUARTER 1994 MONITORING
INDICATOR ANALYSIS RESULTS

3	MATRIX	WATER	WATER	WATER	WATER	WATER	WATER	
	SITE	OB	OB	OB	OB	OB	OB	
	DATE SAMPLED	4/03/94	3/01/94	4/03/94	4/03/94	4/03/94	3/01/94	
	DATE ANALYZED	*	*	*	*	*	*	
	ES ID	MW-2C	MW-3	MW-3A	MW-3B	MW-3C	MW-4	
	LAB ID	**	**	**	**	**	**	
PARAMETER	UNITS							
l Organic Carbon	mg/L	3	11	3	3	5	4	
	units	7.45	7.38	7.33	7.31	7.35	7.25	7.
oride	mg/L	–	2	–	–	–	2	
ate	mg/L	–	110	–	–	–	190	
cific Conductance	umhos/cm	500	600	590	580	580	840	8
ate + Nitrite	mg/L as N	–	0.07	–	–	–	0.05 U	
l Organic Halides	mg/L	0.02 U	0.02 U	0.02	0.02 U	0.02 U	0.02 U	0.

Notes:
(1) * Analysis dates vary for each parameter (See Section 4.5).
(2) ** The Lab ID is different for each parameter (See Section 4.5).

OB GROUNDS FIRST QUARTER 1994 MONITORING
INDICATOR ANALYSIS RESULTS

3	MATRIX	WATER	WATER	WATER	WATER	WATER	WATER	
	SITE	OB	OB	OB	OB	OB	OB	
	DATE SAMPLED	4/03/94	4/03/94	4/04/94	4/04/94	4/04/94	4/04/94	
	DATE ANALYZED	*	*	*	*	*	*	
	ES ID	MW-4B	MW-4C	MW-5A	MW-5B	MW-5C	MW-6A	
	LAB ID	**	**	**	**	**	**	
PARAMETER	UNITS			***			***	
al Organic Carbon	mg/L	3	2	3	2	2	2	
	units	7.30	7.33	7.36	7.35	7.36	7.49	7.
oride	mg/L	–	–	–	–	–	–	
ate	mg/L	–	–	–	–	–	–	
cific Conductance	umhos/cm	820	800	680	670	670	680	6
ate+Nitrite	mg/L as N	–	–	–	–	–	–	
al Organic Halides	mg/L	0.02	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.

Notes:
(1) * Analysis dates vary for each parameter (See Section 4.5).
(2) ** The Lab ID is different for each parameter (See Section 4.5).
(3) *** The MW-5 and MW-6 wells were frozen and not sampled in March.

OB GROUNDS FIRST QUARTER 1994 MONITORING
INDICATOR ANALYSIS RESULTS

3	MATRIX	WATER	WATER	WATER	WATER	WATER	WATER	
	SITE	OB	OB	OB	OB	OB	OB	
	DATE SAMPLED	4/04/94	2/28/94	4/03/94	4/03/94	4/03/94	2/28/94	
	DATE ANALYZED	*	*	*	*	*	*	
	ES ID	MW-6C	MW-7	MW-7A	MW-7B	MW-7C	MW-16	
	LAB ID	**	**	**	**	**	**	
PARAMETER	UNITS							
al Organic Carbon	mg/L	2	3	2	2	2	4	
	units	7.46	7.44	7.49	7.46	7.45	7.23	7.
oride	mg/L	–	1 U	–	–	–	1	
ate	mg/L	–	34	–	–	–	160	2
cific Conductance	umhos/cm	680	470	470	470	470	740	9
ate+Nitrite	mg/L as N	–	0.16	–	–	–	0.17	0.
al Organic Halides	mg/L	0.06	0.02 U	0.02 U	0.02 U	0.02 U	0.02 U	0.

Notes:
(1) * Analysis dates vary for each parameter (See Section 4.5).
(2) ** The Lab ID is different for each parameter (See Section 4.5).

OB GROUNDS FIRST QUARTER 1994 MONITORING
INDICATOR ANALYSIS RESULTS

K3	MATRIX	WATER	WATER	WATER	WATER	WATER	WATER	
	SITE	OB	OB	OB	OB	OB	OB	
	DATE SAMPLED	3/02/94	3/07/94	3/04/94	3/02/94	3/01/94	3/01/94	
	DATE ANALYZED	*	*	*	*	*	*	
	ES ID	MW-24	MW-25	MW-26	MW-27	MW-28	MW-29	
	LAB ID	**	**	**	**	**	**	
PARAMETER	UNITS							
al Organic Carbon	mg/L	3	2	6	2	4	6	
	units	7.30	7.37	12.09	7.39	8.56	7.22	7
oride	mg/L	34	1	1 U	11	5	7	
fate	mg/L	240	66	41	100	130	140	2
ecific Conductance	umhos/cm	1200	580	1400	920	510	790	9
ate + Nitrite	mg/L as N	12	0.05 U	0.38	1.20	0.59	0.71	0
al Organic Halides	mg/L	0.02 U	0.02	0.02 U	0.02 U	0.02 U	0.02 U	0

Notes:
(1) * Analysis dates vary for each parameter (See Section 4.5).
(2) ** The Lab ID is different for each parameter (See Section 4.5).

OB GROUNDS FIRST QUARTER 1994 MONITORING
INDICATOR ANALYSIS RESULTS

	MATRIX	WATER	WATER	WATER	WATER
	SITE	OB	OB	OB	OB
	DATE SAMPLED	3/01/94	3/01/94	4/03/94	4/03/94
	DATE ANALYZED	*	*	*	*
	ES ID	MW-29R	MW-161	MW-20R	MW-20
	LAB ID	**	**	**	**
PARAMETER	UNITS	(Rinsate of MW-29)	(Duplicate of MW-29)	(Rinsate of MW-1A,1B,1C)	(Duplicate of MW-1A,1B,1C)
l Organic Carbon	mg/L	1 U	4	1 U	3
	units	6.86	7.26	7.28	7.21
ride	mg/L	1 U	7	–	–
ate	mg/L	2	140	–	–
cific Conductance	umhos/cm	10	790	24	750
te+Nitrite	mg/L as N	0.05 U	0.80	–	–
l Organic Halides	mg/L	0.02 U	0.02 U	0.02 U	0.03

Notes:
(1) * Analysis dates vary for each parameter (See Section 4.5).
(2) ** The Lab ID is different for each parameter (See Section 4.5).

3.2
Statistical Analysis

Well in the OB area
Background Upgradient Concentrations

Backgroundwell MW–4					
pH		jan–82	apr–82	jun–82	sep–82
		7.2	7.2	7.8	7.9
		7.2	7.2	7.8	7.9
		7.2	7.2	7.8	7.9
		7.2	7.2	7.8	7.9
Average	7.53	Variance	0.114		
Spec Cond		jan–82	apr–82	jun–82	sep–82
		1130	1300	590	–
		1120	1302	590	–
		1130	1301	600	–
		1130	1300	600	–
Average	1007.75	Variance	98398.57		
TOC		jan–82	apr–82	jun–82	sep–82
		1	54	30	28
		1	54	30	29
		1	54	30	27
		1	55	30	28
Average	28.31	Variance	379.30		
TOX		jan–82	apr–82	jun–82	sep–82
		0.06	0.005	0.005	–
		0.05	0.005	0.005	–
		0.05	0.005	0.005	–
		0.052	0.005	0.005	–
Average	0.021	Variance	0.000565		

Well in the OB area
Background Upgradient Concentrations

Backgroundwell MW–5					
pH		jan–82	apr–82	jun–82	sep–82
		7.3	7.6	7.8	7.6
		7.3	7.6	7.8	7.6
		7.3	7.6	7.8	7.6
		7.3	7.6	7.8	7.6
Average	7.58	Variance	0.034		
Spec Cond		jan–82	apr–82	jun–82	sep–82
		730	719	620	795
		730	718	620	790
		730	719	620	795
		730	720	620	795
Average	689.67	Variance	2669.52		
TOC		jan–82	apr–82	jun–82	sep–82
		1	39	43	37
		1	39	42	38
		1	40	42	37
		1	39	42	38
Average	30.00	Variance	302.27		
TOX		jan–82	apr–82	jun–82	sep–82
		–	–	–	0.041
		–	–	0.064	–
		–	–	0.098	–
		0.016	–	0.045	–
Average	0.0528	Variance	0.0009307		

Students t – Test for wells in the OD area
TOC – Year 1994, 1st quarter

Well MW–5				
	TOC	pH	Spec Cond.	TOX
=	30	7.575	689.7	0.0528
e =	302.3	0.034	2669.5	0.0009307
=	16	16	16	5

ANIC CARBON (TOC)				
Well MW –5	Compliance Well MW –6		Compliance Well MW –7	
–6.35	t* =	–6.35	t* =	–6.37
2.63	tc =	2.63	tc =	2.61
No Change		**No Change**		**No Change**

Well MW –5	Compliance Well MW –6		Compliance Well MW –7	
–4.72	t* =	–2.23	t* =	–2.43
2.96	tc =	3.24	tc =	3.07
No Change		**No Change**		**No Change**

ONDUCTANCE				
Well MW –5	Compliance Well MW –6		Compliance Well MW –7	
–1.22	t* =	–0.75	t* =	–17.01
2.87	tc =	2.60	tc =	2.60
No Change		**No Change**		**No Change**

ANIC HALIDES (TOX)				
Well MW –5	Compliance Well MW –6		Compliance Well MW –7	
–2.40	t* =	–1.02	t* =	–2.40
3.75	tc =	5.32	tc =	3.75
No Change		**No Change**		**No Change**

Most likely an increase in the indicator parameter
Most likely no change in the indicator parameter

Students t -- Test for wells in the OD area
TOC -- Year 1994, 1st quarter

Well MW-4				
	TOC	pH	Specific Cond.	TOX
=	28.3	7.525	1007.8	0.021
e =	379.3	0.114	98398.6	0.00056473
=	16	16	12	12

ANIC CARBON (TOC)

Well MW -1		Compliance Well MW -2		Compliance Well MW -3		Background W
-5.09	t*=	-5.12	t*=	-4.37	t*=	
2.65	tc=	2.62	tc=	2.86	tc=	
No Change		**No Change**		**No Change**		

Well MW -1		Compliance Well MW -2		Compliance Well MW -3		Background W
-3.51	t*=	-1.15	t*=	-2.13	t*=	
2.94	tc=	2.97	tc=	3.01	tc=	
No Change		**No Change**		**No Change**		

ONDUCTANCE

Well MW -1		Compliance Well MW -2		Compliance Well MW -3		Background W
-3.17	t*=	-4.87	t*=	-4.63	t*=	
2.72	tc=	2.95	tc=	2.72	tc=	
No Change		**No Change**		**No Change**		

ANIC HALIDES (TOX)

Well MW -1		Compliance Well MW -2		Compliance Well MW -3		Background W
0.91	t*=	1.52	t*=	-0.15	t*=	
3.66	tc=	4.31	tc=	2.72	tc=	
No Change		**No Change**		**No Change**		

Most likely an increase in the indicator parameter
Most likely no change in the indicator parameter

Section 4.0
QA/QC Data

4.1 Surrogate Spike Recoveries

4.2 Matrix Spike/Matrix Spike Duplicates

4.3 Method Blanks

4.4 Laboratory Control Samples and Duplicates for Indicator Parameters

4.5 Indicator Parameter Data

4.1 Surrogate Spike Recoveries

2E
WATER EXPLOSIVES SURROGATE RECOVERY

Lab Name: PACE INC Contract:

Lab Code: RESAN Case No.: SENEC SAS No.: SDG No.: SEN17

	EPA SAMPLE NO.	S1 (34DNT)	OTHER
1	BM2524	79	
2	BM2525	69	
3	BM2526	49	
4	BLANK SPIKE	66	
5	BLANK SPIKE DUP	76	
6	OBDMW7	68	
7	OBMW16	71	
8	OBDMW4	53	
9	OBDMW4MS	61	
10	OBDMW4MSD	55	
11	OMW161	54	
12	OBMW28	66	
13	OMW29R	64	
14	OBMW29	57	
15	OBDMW3	81	
16	OBDMW1	44	
17	OBMW25	63	
18	OBMW23	64	
19	OBMW26	64	
20	OBMW24	70	

S1 (34DNT) = 3,4-DINITROTOLUENE

Column to be used to flag recovery values

D Surrogates diluted out

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2E
WATER EXPLOSIVES SURROGATE RECOVERY

Lab Name: PACE INC Contract:

Lab Code: RESAN Case No.: SENEC SAS No.: SDG No.: SEN17

	EPA SAMPLE NO.	S1 (34DNT)	OTHER
1	OBMW27	78	
2	OBDMW2	48	
3	OBMW30	58	
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			
16			
17			
18			
19			
20			

S1 (34DNT) = 3,4-DINITROTOLUENE

Column to be used to flag recovery values

D Surrogates diluted out

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4.2 Matrix Spike/Matrix Spike Duplicates

U.S. EPA - CLP

5A
SPIKE SAMPLE RECOVERY

EPA SAMPLE NO.

OBDMW4S

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: SENEC SAS No.: SDG No.: MSEN17

Matrix (soil/water): WATER Level (low/med): LOW
% Solids for Sample: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit %R	Spiked Sample Result (SSR)	C	Sample Result (SR)	C	Spike Added (SA)	%R	Q	M
Aluminum	75-125	7740.2600		6068.1900		2000.00	83.6		P
Antimony	75-125	525.1000		15.6000	U	500.00	105.0		P
Arsenic	75-125	2047.4100		2.9000	U	2000.00	102.4		P
Barium	75-125	2121.2200		109.5700	B	2000.00	100.6		P
Beryllium	75-125	47.8800		0.4000	U	50.00	95.8		P
Cadmium	75-125	59.6000		2.1000	U	50.00	119.2		P
Calcium									NR
Chromium	75-125	213.4600		9.0800	B	200.00	102.2		P
Cobalt	75-125	498.2000		3.2000	U	500.00	99.6		P
Copper	75-125	266.3500		13.0600	B	250.00	101.3		P
Iron		10282.6000		9094.5800		1000.00	118.8		P
Lead	75-125	481.6200		7.3400		500.00	94.9		P
Magnesium									NR
Manganese	75-125	655.2600		142.8000		500.00	102.5		P
Mercury	75-125	1.7900		0.7900		1.00	100.0		CV
Nickel	75-125	513.3100		17.5300	B	500.00	99.2		P
Potassium									NR
Selenium	75-125	1953.8100		1.7000	U	2000.00	97.7		P
Silver	75-125	40.2900		3.6000	U	50.00	80.6		P
Sodium									NR
Thallium	75-125	1886.0900		3.3500	B	2000.00	94.1		P
Vanadium	75-125	512.8800		8.4800	B	500.00	100.9		P
Zinc	75-125	560.3500		53.9200		500.00	101.3		P
Cyanide	75-125	90.8500		1.0000	U	100.00	90.8		AS

Comments:

3E
QC Report for SW 846 Method 8330

Lab Number: 39506-008

Sample Designation: OBDMW4 Matrix Spike/Duplicate

Date Analyzed: 03/14/94

Matrix: Aqueous

Compound	Spike added	Sample conc.	MS Conc.	MS% Rec.
HMX	2.5 ug/L	0 ug/L	1.69	68
RDX	2.5 ug/L	0.11 ug/L	1.52	56
2,4-DNT	2.5 ug/L	0 ug/L	1.58	63
2,4,6-TNT	2.5 ug/L	0 ug/L	1.83	73

Compound	Spike added	MSD conc.	MS% Rec.	%RPD
HMX	2.5 ug/L	1.77	71	4
RDX	2.5 ug/L	1.44	58	4
2,4-DNT	2.5 ug/L	1.54	62	2
2,4,6-TNT	2.5 ug/L	1.89	76	4

FORM III EXP MODIFIED

3E
QC Report for SW 846 Method 8330

Lab Number: SM2523/SM2524

Sample Designation: Lab Control Spike/Duplicate

Date Analyzed: 03/14/94

Matrix: Aqueous

Compound	Spike added	Sample conc.	MS Conc.	MS% Rec.
HMX	2.5 ug/L	0 ug/L	1.72	69
RDX	2.5 ug/L	0 ug/L	1.69	68
2,4-DNT	2.5 ug/L	0 ug/L	1.69	68
2,4,6-TNT	2.5 ug/L	0 ug/L	1.84	74

Compound	Spike added	MSD conc.	MS% Rec.	%RPD
HMX	2.5 ug/L	1.89	76	10
RDX	2.5 ug/L	1.90	76	11
2,4-DNT	2.5 ug/L	1.88	75	10
2,4,6-TNT	2.5 ug/L	2.09	84	13

FORM III EXP MODIFIED

4.3 Method Blanks

4A
EXPLOSIVES METHOD BLANK SUMMARY

Lab Name: PACE NEW ENGLAND, INC. Contract:

Lab Code: RESAN Case No.: SENEC SAS No.: ____ SDG No.: SEN17

Lab File ID: L1C13333 Lab Sample ID: BM2524

Date Analyzed: 03/14/94 Time Analyzed: 11:53

Matrix: (soil/water) WATER Level: (low/med) LOW

Instrument ID: LC1

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	LCS	SM2523	L1C13336	03/14/94 13:27
2	LCS DUPLICATE	SM2524	L1C13337	03/14/94 13:56
3	OBDMW7	39479-001	L1C13338	03/14/94 14:57
4	OBMW16	39479-002	L1C13339	03/14/94 15:26
5				
6				
7				
8				
9				
10				
11				
12				
13				
14				
15				
16				
17				
18				
19				
20				

COMMENTS: _____.

_____.

4A
EXPLOSIVES METHOD BLANK SUMMARY

Lab Name: PACE NEW ENGLAND, INC. Contract:

Lab Code: RESAN Case No.: SENEC SAS No.: ____ SDG No.: SEN17

Lab File ID: L1C13334 Lab Sample ID: BM2525

Date Analyzed: 03/14/94 Time Analyzed: 12:22

Matrix: (soil/water) WATER Level: (low/med) LOW

Instrument ID: LC1

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	OBDMW4	39506-008	L1C13340	03/14/94 15:55
2	OBDMW4MS	39506-008MS	L1C13341	03/14/94 16:24
3	OBDMW4MSD	39506-008MSD	L1C13342	03/14/94 16:53
4	OMW161	39506-009	L1C13345	03/14/94 18:21
5	OBMW28	39506-010	L1C13346	03/14/94 18:50
6	OMW29R	39506-011	L1C13347	03/14/94 19:19
7	OBMW29	39506-012	L1C13348	03/14/94 19:49
8	OBDMW3	39506-013	L1C13349	03/14/94 20:18
9	OBDMW1	39506-014	L1C13350	03/14/94 20:47
10				
11				
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17				
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19				
20				

COMMENTS: _____.
_____.

FORM IV EXP 1/87 Rev.

700006

4A
EXPLOSIVES METHOD BLANK SUMMARY

Lab Name: PACE NEW ENGLAND, INC. Contract:

Lab Code: RESAN Case No.: SENEC SAS No.: ____ SDG No.: SEN17

Lab File ID: L1C13335 Lab Sample ID: BM2526

Date Analyzed: 03/14/94 Time Analyzed: 12:51

Matrix: (soil/water) WATER Level: (low/med) LOW

Instrument ID: LC1

	EPA SAMPLE NO.	LAB SAMPLE ID	LAB FILE ID	TIME ANALYZED
1	OBMW25	39517-011	L1C13356	03/14/94 11:00
2	OBMW23	39517-012	L1C13357	03/14/94 11:30
3	OBMW26	39517-013	L1C13358	03/14/94 11:59
4	OBMW24	39517-014	L1C13359	03/14/94 12:28
5	OBMW27	39517-015	L1C13360	03/14/94 12:57
6	OBDMW2	39517-016	L1C13361	03/14/94 13:26
7	OBMW30	39517-017	L1C13362	03/14/94 13:56
8				
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20				

COMMENTS: _____.
_____.

FORM IV EXP 1/87 Rev.

700007

1A

EXPLOSIVES ANALYSIS DATA SHEET

EPA SAMPLE NO.

METHOD BLANK

Lab Name: PACE, INC. Contract:

Lab Code: RESAN Case No.: SENEC SAS No.: ____ SDG No.: SEN17

Matrix: (soil/water) WATER Lab Sample ID: BM2525

Sample wt/vol: 400 (g/mL) ML Lab File ID: L1C13334

Level: (low/med) LOW Date Received: --------

% Moisture: not dec.____ Date Analyzed: 03/14/94

Dilution Factor: 1.00000

COMPOUND	CAS NO.	CONCENTRACTION UNITS: (ug/L or ug/Kg) UG/L	Q
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	0.08	U
Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	0.08	U
1,3,5-Trinitrobenzene	99-35-4	0.07	U
1,3-Dinitrobenzene	99-65-0	0.07	U
Methyl-2,4,6-trinitrophenyl-nitramine	479-45-8	0.06	U
Nitrobenzene	98-95-3	0.07	U
2,4,6-Trinitrotoluene	118-96-7	0.08	U
4-Amino-2,6-dinitrotoluene	1946-51-0	0.13	U
2-Amino-4,6-dinitrotoluene	355-72-78-2	0.05	U
2,6-Dinitrotoluene	606-20-2	0.06	U
2,4-Dinitrotoluene	121-14-2	0.05	U
2-Nitrotoluene	88-72-2	0.04	U
3-Nitrotoluene	99-08-1	0.06	U
4-Nitrotoluene	99-99-0	0.06	U

1A

EXPLOSIVES ANALYSIS DATA SHEET

EPA SAMPLE NO.

METHOD BLANK

Lab Name: PACE, INC. Contract:

Lab Code: RESAN Case No.: SENEC SAS No.: ____ SDG No.: SEN17

Matrix: (soil/water) WATER Lab Sample ID: BM2526

Sample wt/vol: 400 (g/mL) ML Lab File ID: L1C13335

Level: (low/med) LOW Date Received: --------

% Moisture: not dec.____ Date Analyzed: 03/14/94

Dilution Factor: 1.00000

COMPOUND	CAS NO.	CONCENTRACTION UNITS: (ug/L or ug/Kg) UG/L	Q
Octahydro-1,3,5,7-tetranitro-1,3,5,7-tetrazocine	2691-41-0	0.08	U
Hexahydro-1,3,5-trinitro-1,3,5-triazine	121-82-4	0.08	U
1,3,5-Trinitrobenzene	99-35-4	0.07	U
1,3-Dinitrobenzene	99-65-0	0.07	U
Methyl-2,4,6-trinitrophenyl-nitramine	479-45-8	0.06	U
Nitrobenzene	98-95-3	0.07	U
2,4,6-Trinitrotoluene	118-96-7	0.08	U
4-Amino-2,6-dinitrotoluene	1946-51-0	0.13	U
2-Amino-4,6-dinitrotoluene	355-72-78-2	0.05	U
2,6-Dinitrotoluene	606-20-2	0.06	U
2,4-Dinitrotoluene	121-14-2	0.05	U
2-Nitrotoluene	88-72-2	0.04	U
3-Nitrotoluene	99-08-1	0.06	U
4-Nitrotoluene	99-99-0	0.06	U

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3
BLANKS

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: SENEC SAS No.: SDG No.: MSEN17

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum	17.9	U	17.9	U	17.9	U	17.9	U	17.900	U	P
Antimony	15.6	U	23.8	B	25.4	B	21.9	B	15.600	U	P
Arsenic	2.9	U	2.9	U	2.9	U	2.9	U	2.900	U	P
Barium	2.4	U	7.7	B	7.9	B	8.1	B	2.400	U	P
Beryllium	0.4	U	0.4	U	0.4	U	0.4	U	0.400	U	P
Cadmium	2.1	U	2.1	U	2.1	U	2.1	U	2.100	U	P
Calcium	19.0	U	19.0	U	19.0	U	19.0	U	62.980	B	P
Chromium	2.3	U	2.4	B	2.3	U	2.3	U	2.300	U	P
Cobalt	3.2	U	3.2	U	3.2	U	3.2	U	3.200	U	P
Copper	-7.4	B	-7.4	B	-6.9	B	-7.6	B	-11.730	B	P
Iron	8.5	U	32.8	B	8.5	U	8.5	U	39.280	B	P
Lead	-0.7	B	0.7	U	0.7	U	0.7	U	0.700	U	P
Magnesium	22.0	U	25.2	B	22.0	U	22.0	U	25.000	B	P
Manganese	1.0	U	1.0	U	1.0	B	1.3	B	1.000	U	P
Mercury	0.1	U	0.1	U	0.1	U	0.1	U	0.100	B	CV
Nickel	10.4	U	10.4	U	10.4	U	10.4	U	10.400	U	P
Potassium	648.9	U	648.9	U	648.9	U	648.9	U	648.900	U	P
Selenium	-2.0	B	1.7	U	1.7	U	-2.4	B	1.700	U	P
Silver	3.6	U	3.6	U	3.6	U	3.6	U	3.600	U	P
Sodium	22.4	U	22.4	U	22.4	U	22.4	U	47.210	B	P
Thallium	2.8	U	2.8	U	2.8	U	2.8	U	2.800	U	P
Vanadium	3.3	U	3.3	U	3.3	U	3.3	U	3.300	U	P
Zinc	3.0	B	7.8	B	8.1	B	8.1	B	3.090	B	P
Cyanide	2.0	U	2.0	U	2.0	U	2.0	U	1.000	U	AS

U.S. EPA - CLP

3
BLANKS

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: SENEC SAS No.: SDG No.: MSEN17

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			22.8	B	17.9	U	17.9	U			P
Antimony			31.0	B	19.9	B	27.8	B			P
Arsenic			2.9	U							P
Barium			7.8	B	7.4	B	7.3	B			P
Beryllium			0.4	U	0.4	U	0.4	U			P
Cadmium			2.2	B	2.1	U	2.1	U			P
Calcium			21.8	B	19.0	U	19.0	U			P
Chromium			2.3	U	2.3	U	2.3	U			P
Cobalt			3.2	U	3.2	U	3.2	U			P
Copper			-8.1	B	-9.0	B	-7.9	B			P
Iron			36.7	B	8.5	U	8.5	U			P
Lead			0.7	U							P
Magnesium			42.4	B	22.0	U	27.9	B			P
Manganese			1.0	U	1.0	U	1.0	U			P
Mercury											
Nickel			10.4	U	10.4	U	10.4	U			P
Potassium			648.9	U	648.9	U	648.9	U			P
Selenium			-2.0	B							P
Silver			3.6	U	3.6	U	3.6	U			P
Sodium			22.4	U	22.4	U	22.4	U			P
Thallium			2.8	U							P
Vanadium			3.3	U	3.3	U	3.3	U			P
Zinc			8.3	B	7.0	B	7.5	B			P
Cyanide			2.0	U	2.0	U	2.0	U			AS

3
BLANKS

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: SENEC SAS No.: SDG No.: MSEN17

Preparation Blank Matrix (soil/water): WATER

Preparation Blank Concentration Units (ug/L or mg/kg): UG/L

Analyte	Initial Calib. Blank (ug/L)	C	Continuing Calibration Blank (ug/L) 1	C	2	C	3	C	Prepa-ration Blank	C	M
Aluminum			17.9	U							P
Antimony			28.6	B							P
Arsenic											
Barium			6.8	B							P
Beryllium			0.4	U							P
Cadmium			2.1	U							P
Calcium			19.0	U							P
Chromium			2.3	U							P
Cobalt			3.2	U							P
Copper			-8.4	B							P
Iron			40.0	B							P
Lead											
Magnesium			34.3	B							P
Manganese			1.0	U							P
Mercury											
Nickel			10.4	U							P
Potassium			648.9	U							P
Selenium											
Silver			3.6	U							P
Sodium			22.4	U							P
Thallium											
Vanadium			3.3	U							P
Zinc			7.3	B							P
Cyanide			2.0	U	2.0	U					AS

4.4 Laboratory Control Samples and Duplicates for Indicator Parameters

U.S. EPA - CLP

6
DUPLICATES

EPA SAMPLE NO.

OBDMW4D

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: SENEC SAS No.: SDG No.: MSEN17

Matrix (soil/water): WATER Level (low/med): LOW

% Solids for Sample: 0.0 % Solids for Duplicate: 0.0

Concentration Units (ug/L or mg/kg dry weight): UG/L

Analyte	Control Limit	Sample (S)	C	Duplicate (D)	C	RPD	Q	M
Aluminum		6068.1900		6706.8900		10.0		P
Antimony		15.6000	U	15.6000	U			P
Arsenic		2.9000	U	2.9000	U			P
Barium		109.5700	B	112.1800	B	2.4		P
Beryllium		0.4000	U	0.4000	B	200.0		P
Cadmium		2.1000	U	2.1000	U			P
Calcium		145613.2000		146233.4800		0.4		P
Chromium	10.0	9.0800	B	10.1000		10.6		P
Cobalt		3.2000	U	4.1300	B	200.0		P
Copper		13.0600	B	13.2000	B	1.1		P
Iron		9094.5800		9291.3600		2.1		P
Lead	3.0	7.3400		7.2500		1.2		P
Magnesium		27445.7100		27696.8100		0.9		P
Manganese		142.8000		146.9700		2.9		P
Mercury	0.2	0.7900		0.8200		3.7		CV
Nickel		17.5300	B	12.5700	B	33.0		P
Potassium	5000.0	5044.7300		5241.4400		3.8		P
Selenium		1.7000	U	1.7000	U			P
Silver		3.6000	U	3.6000	U			P
Sodium	5000.0	18773.5100		18806.3000		0.2		P
Thallium		3.3500	B	2.8000	U	200.0		P
Vanadium		8.4800	B	9.4500	B	10.8		P
Zinc	20.0	53.9200		54.9000		1.8		P
Cyanide		1.0000	U	1.0000	U			AS

U.S. EPA - CLP

7
LABORATORY CONTROL SAMPLE

Lab Name: PACE New England, Inc. Contract:

Lab Code: Case No.: SENEC SAS No.: SDG No.: MSEN17

Solid LCS Source:

Aqueous LCS Source: SOL+\SPX\MAL

Analyte	Aqueous (ug/L) True	Found	%R	Solid (mg/kg) True	Found	C	Limits		%R
Aluminum	2000.0	2013.43	100.7						
Antimony	500.0	530.90	106.2						
Arsenic	2000.0	1992.64	99.6						
Barium	2000.0	1954.68	97.7						
Beryllium	50.0	46.30	92.6						
Cadmium	50.0	58.46	116.9						
Calcium	10000.0	10528.95	105.3						
Chromium	200.0	200.33	100.2						
Cobalt	500.0	490.44	98.1						
Copper	250.0	238.83	95.5						
Iron	1000.0	1083.65	108.4						
Lead	500.0	473.44	94.7						
Magnesium	10000.0	10283.27	102.8						
Manganese	500.0	495.57	99.1						
Mercury	8.0	7.99	99.9						
Nickel	500.0	501.75	100.4						
Potassium	10000.0	10470.20	104.7						
Selenium	2000.0	1947.97	97.4						
Silver	50.0	49.73	99.5						
Sodium	10000.0	10477.12	104.8						
Thallium	2000.0	1921.54	96.1						
Vanadium	500.0	490.59	98.1						
Zinc	500.0	498.15	99.6						
Cyanide									

QUALITY CONTROL
Total Organic Carbon
Method: 415.1 EPA-600/4-84-017

QC Batch: 861 For: 39506
Matrix: WATER

METHOD BLANK:

	Result mg/L
	< 1.00

LABORATORY CONTROL SAMPLES:

	True Value mg/L	Observed Value mg/L	Accuracy Recovery %	Precision Relative Percent Difference %
LCS1	5.0	4.480	89.6	1.1
LCS2	5.0	4.530	90.6	

FIELD SAMPLE:

Precision

Lab No.	Replicate 1 mg/L	Replicate 2 mg/L	Average mg/L	Relative Percent Difference %
39506-1	3.60	4.08	3.84	12.5

Accuracy

Lab No.	Replicate 1 mg/L	Spike Added mg/L	Spike Found mg/L	Recovery %
39506-1	3.60	5	8.07	89.4

QUALITY CONTROL
Chloride
Method: 325.1 EPA-600/4-84-017

QC Batch: 578 For: 39506
Matrix: WATER

METHOD BLANK:

	Result mg/L
	< 1.00

LABORATORY CONTROL SAMPLES:

	True Value mg/L	Observed Value mg/L	Accuracy Recovery %	Precision Relative Percent Difference %
LCS1	200.0	190.836	95.4	0.8
LCS2	200.0	189.403	94.7	

FIELD SAMPLE:

Precision

Lab No.	Replicate 1 mg/L	Replicate 2 mg/L	Average mg/L	Relative Percent Difference %
39506-29	2.11	1.97	2.04	6.9

Accuracy

Lab No.	Replicate 1 mg/L	Spike Added mg/L	Spike Found mg/L	Recovery %
39506-29	2.11	50	49.66	95.1

QUALITY CONTROL
Sulfate
Method: EPA-600 300.0 / SW846 9056

QC Batch: 571A For: 39506
Matrix: WATER

METHOD BLANK:

	Result mg/L
	< 1.00

LABORATORY CONTROL SAMPLES:

	True Value mg/L	Observed Value mg/L	Accuracy Recovery %	Precision Relative Percent Difference %
LCS1	50.0	46.900	93.8	0.2
LCS2	50.0	47.000	94.0	

FIELD SAMPLE:

Precision

Lab No.	Replicate 1 mg/L	Replicate 2 mg/L	Average mg/L	Relative Percent Difference %
39506-29	190.40	191.20	190.80	0.4

Accuracy

Lab No.	Replicate 1 mg/L	Spike Added mg/L	Spike Found mg/L	Recovery %
39506-29 SNR	190.40	31.3	214.80	78.0

QUALITY CONTROL
Specific Conductance
Method: 120.1 EPA-600/4-84-017

QC Batch: 197 For: 39506
Matrix: WATER

METHOD BLANK:

	Result mg/L
	1.21

LABORATORY CONTROL SAMPLES:

	True Value mg/L	Observed Value mg/L	Accuracy Recovery %	Precision Relative Percent Difference %
LCS1	141.3	145.600	103.0	0.5
LCS2	141.3	146.300	103.5	

FIELD SAMPLE:

Lab No.	Replicate 1 mg/L	Replicate 2 mg/L	Average mg/L	Precision Relative Percent Difference %
39506-29	839.00	837.00	838.00	0.2

QUALITY CONTROL
Nitrate plus Nitrite Nitrogen (combined)
Method: 353.2 EPA-600/4-84-017

QC Batch: 553 For: 39506
Matrix: WATER

METHOD BLANK:

	Result mg/L
	< 0.05

LABORATORY CONTROL SAMPLES:

	True Value mg/L	Observed Value mg/L	Accuracy Recovery %	Precision Relative Percent Difference %
LCS1	0.5	0.441	88.2	4.7
LCS2	0.5	0.462	92.4	

FIELD SAMPLE:

Precision

Lab No.	Replicate 1 mg/L	Replicate 2 mg/L	Average mg/L	Relative Percent Difference %
39506-50	< 0.05	< 0.05	NC	NC

Accuracy

Lab No.	Replicate 1 mg/L	Spike Added mg/L	Spike Found mg/L	Recovery %
39506-50	< 0.05	1	0.93	93.0

QUALITY CONTROL
pH
Method: 150.1 EPA-600/4-84-017

QC Batch: 285 For: 39479
Matrix: WATER

LABORATORY CONTROL SAMPLES:

	True Value Units	Observed Value Units
LCS1	7.0	7.01
LCS2	7.0	7.00

FIELD SAMPLE:

Precision

Lab No.	Replicate 1 Units	Replicate 2 Units
39479-19	7.44	7.46

QUALITY CONTROL
pH
Method: 150.1 EPA-600/4-84-017

QC Batch: 287 For: 39506
Matrix: WATER

LABORATORY CONTROL SAMPLES:

	True Value Units	Observed Value Units
LCS1	7.0	7.01
LCS2	7.0	7.00

FIELD SAMPLE:

Precision

Lab No.	Replicate 1 Units	Replicate 2 Units
39506-43	7.25	7.24

QUALITY CONTROL
pH
Method: 150.1 EPA-600/4-84-017

QC Batch: 288 For: 39517
Matrix: WATER

LABORATORY CONTROL SAMPLES:

	True Value Units	Observed Value Units
LCS1	7.0	7.00
LCS2	7.0	7.01

QUALITY CONTROL
pH
Method: 150.1 EPA-600/4-84-017

QC Batch: 290 For: 39517
Matrix: Water

LABORATORY CONTROL SAMPLES:

	True Value Units	Observed Value Units
LCS1	7.0	7.02
LCS2	7.0	7.02

Client Reference: SEN-17 Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 35921
Samples: 97 0012583

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970012583 39479-18	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	90%	90%	0%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	100%	100%	0%

QUALITY CONTROL DATA

April 01, 1994
PACE Project Number: 14031051

Client Reference: SEN-17 Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 35922
Samples: 97 0012575

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970012575 39479-17	Spike	Spike Recv	Spike Dupl Recv	RPI
Total Organic Halogen	mg/L	0.02	ND	0.10	80%	70%	13

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	100%	100%	0

Client Reference: SEN-17 Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 35972
Samples: 97 0012443, 97 0012451, 97 0012478, 97 0012486, 97 0012494

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970012478 39506-36	Spike	Spike Recv	Spike Dupl Recv	RPI
Total Organic Halogen	mg/L	0.02	ND	0.10	80%	95%	17%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.050	101%	94%	7%

Client Reference: SEN-17 Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 35973
Samples: 97 0012460, 97 0012508, 97 0012532, 97 0012559

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970012508 39506-37	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	115%	85%	30%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.050	101%	87%	15%

Client Reference: SEN-17 Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36011
Samples: 97 0012761, 97 0012770

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970012761 39517-63	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	91%	87%	4%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	104%	98%	6%

Client Reference: SEN-17 Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36012
Samples: 97 0012745, 97 0012753

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970012745 39517-61	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	102%	95%	7%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	103%	98%	5%

Client Reference: SEN-17 Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36013
Samples: 97 0012591, 97 0012729, 97 0012737

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970012591 39517-58	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	0.02	0.10	89%	88%	1%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	98%	95%	3%

Client Reference: SEN-17 Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36014
Samples: 97 0012788, 97 0012796, 97 0012800

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970012788 39517-65	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	111%	116%	4%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	103%	106%	3%

Client Reference: SEN-17 Seneca Army Depot Quarterly

ND Not detected at or above the PRL.
PRL PACE Reporting Limit
RPD Relative Percent Difference

QUALITY CONTROL
Total Organic Carbon
Method: 415.1 EPA-600/4-84-017

QC Batch: 876
Matrix: WATER

METHOD BLANK:

	Result mg/L
	< 1.00

LABORATORY CONTROL SAMPLES:

	True Value mg/L	Observed Value mg/L	Accuracy Recovery %	Precision Relative Percent Difference %
LCS1	5.0	4.550	91.0	0.7
LCS2	5.0	4.580	91.6	

FIELD SAMPLE:

Precision

Lab No.	Replicate 1 mg/L	Replicate 2 mg/L	Average mg/L	Relative Percent Difference %
39835-18	2.36	2.51	2.44	6.2

Accuracy

Lab No.	Replicate 1 mg/L	Spike Added mg/L	Spike Found mg/L	Recovery %
39835-18	2.36	5	6.55	83.8

QUALITY CONTROL
pH
Method: 150.1 EPA-600/4-84-017

QC Batch: 295
Matrix: WATER

LABORATORY CONTROL SAMPLES:

	True Value Units	Observed Value Units
LCS1	7.0	7.00
LCS2	7.0	7.00

FIELD SAMPLE:

Precision

Lab No.	Replicate 1 Units	Replicate 2 Units
39835-35	7.21	7.24

QUALITY CONTROL
Specific Conductance
Method: 120.1 EPA-600/4-84-017

QC Batch: 199
Matrix: Water

METHOD BLANK:

Result mg/L
1.39

LABORATORY CONTROL SAMPLES:

	True Value mg/L	Observed Value mg/L	Accuracy Recovery %	Precision Relative Percent Difference %
LCS1	141.3	146.600	103.8	0.6
LCS2	141.3	147.500	104.4	

FIELD SAMPLE:

Precision Lab No.	Replicate 1 mg/L	Replicate 2 mg/L	Average mg/L	Relative Percent Difference %
39835-35	726.00	728.00	727.00	0.3

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36532
Samples: 97 0021663, 97 0021701

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021663 39835-1	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	0.02	0.10	130%	130%	0%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	80%	100%	22%

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36533
Samples: 97 0021671, 97 0021680

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021671 39835-2	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	0.03	0.10	110%	110%	0%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	80%	100%	22%

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36534
Samples: 97 0021698, 97 0021728

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021698 39835-4	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	0.07	0.10	20%	30%	40%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	100%	100%	0%

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36535
Samples: 97 0021710, 97 0021736

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021710 39835-6	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	80%	80%	0%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	100%	100%	0%

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36536
Samples: 97 0021752, 97 0021779

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021752 39835-10	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	100%	90%	11%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	100%	100%	0%

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36537
Samples: 97 0021744, 97 0021760

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021744 39835-9	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	0.02	0.10	100%	90%	11%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	100%	100%	0%

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36538
Samples: 97 0021795, 97 0021809, 97 0021817

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021795 39835-14	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	80%	80%	0%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	100%	100%	0%

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36539
Samples: 97 0021787, 97 0021825, 97 0021833

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021787 39835-13	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	0.02	0.10	100%	90%	11%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	80%	100%	22%

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36605
Samples: 97 0021841, 97 0021868, 97 0021884

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021884 39851-12	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	80%	90%	12%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	100%	100%	0%

Client Reference: Seneca Army Depot Quarterly

Total Organic Halogen
Batch: 97 36606
Samples: 97 0021850, 97 0021876

METHOD BLANK:

Parameter	Units	PRL	Method Blank
Total Organic Halogen	mg/L	0.01	ND

SPIKE AND SPIKE DUPLICATE:

Parameter	Units	PRL	970021876 39851-11	Spike	Spike Recv	Spike Dupl Recv	RPD
Total Organic Halogen	mg/L	0.02	ND	0.10	80%	100%	22%

LABORATORY CONTROL SAMPLE AND CONTROL SAMPLE DUPLICATE:

Parameter	Units	PRL	Reference Value	Recv	Dupl Recv	RPD
Total Organic Halogen	mg/L	0.01	0.05	100%	100%	0%

Client Reference: Seneca Army Depot Quarterly

ND	Not detected at or above the PRL.
PRL	PACE Reporting Limit
RPD	Relative Percent Difference

4.5 Indicator Parameter Data

Field Identification: OBDMW7 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	3	1	39479-003	03/07/94	861	415.1/1
Chloride (mg/L)	BDL	1	39479-011	03/07/94	578	325.1/1
Sulfate (mg/L)	34	1	39479-011	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	470		39479-011	03/07/94	197	120.1/1
Nitrate + Nitrite (mg/L as N)	0.16	0.05	39479-014	03/08/94	553	353.2/1
pH (units)	7.44		39479-019	03/02/94	285	150.1/1

Field Identification: OBMW16 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	4	1	39479-004	03/07/94	861	415.1/1
Chloride (mg/L)	1	1	39479-012	03/07/94	578	325.1/1
Sulfate (mg/L)	160	2	39479-012	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	740		39479-012	03/07/94	197	120.1/1
Nitrate + Nitrite (mg/L as N)	0.17	0.05	39479-015	03/08/94	553	353.2/1
pH (units)	7.23		39479-020	03/02/94	285	150.1/1

Field Identification: ASPT21 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Chloride (mg/L)	67	1	39479-013	03/07/94	578	325.1/1
Sulfate (mg/L)	120	2	39479-013	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	890		39479-013	03/07/94	197	120.1/1
Nitrate + Nitrite (mg/L as N)	0.31	0.05	39479-016	03/08/94	553	353.2/1
pH (units)	7.72		39479-021	03/02/94	285	150.1/1

References: 1) 40 CFR Part 136, Friday, October 26, 1984

Field Identification: OBDMW4 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	4	1	39506-001	03/07/94	861	415.1/1
Chloride (mg/L)	2	1	39506-029	03/07/94	578	325.1/1
Sulfate (mg/L)	190	4	39506-029	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	840		39506-029	03/07/94	197	120.1/1
pH (units)	7.25		39506-043	03/04/94	287	150.1/1
Nitrate + Nitrite (mg/L as N)	BDL	0.05	39506-050	03/08/94	553	353.2/1

Field Identification: OMW161 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	4	1	39506-002	03/07/94	861	415.1/1
Chloride (mg/L)	7	1	39506-030	03/07/94	578	325.1/1
Sulfate (mg/L)	140	2	39506-030	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	790		39506-030	03/07/94	197	120.1/1
pH (units)	7.26		39506-044	03/04/94	287	150.1/1
Nitrate + Nitrite (mg/L as N)	0.80	0.05	39506-051	03/08/94	553	353.2/1

Field Identification: OBMW28 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	4	1	39506-003	03/07/94	861	415.1/1
Chloride (mg/L)	5	1	39506-031	03/07/94	578	325.1/1
Sulfate (mg/L)	130	2	39506-031	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	510		39506-031	03/07/94	197	120.1/1
pH (units)	8.56		39506-045	03/04/94	287	150.1/1
Nitrate + Nitrite (mg/L as N)	0.59	0.05	39506-052	03/08/94	553	353.2/1

Field Identification: OMW29R Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	BDL	1	39506-004	03/07/94	861	415.1/1
Chloride (mg/L)	BDL	1	39506-032	03/07/94	578	325.1/1
Sulfate (mg/L)	2	1	39506-032	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	10		39506-032	03/07/94	197	120.1/1
pH (units)	6.86		39506-046	03/04/94	287	150.1/1
Nitrate + Nitrite (mg/L as N)	BDL	0.05	39506-053	03/08/94	553	353.2/1

Field Identification: OBMW29 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	6	1	39506-005	03/07/94	861	415.1/1
Chloride (mg/L)	7	1	39506-033	03/07/94	578	325.1/1
Sulfate (mg/L)	140	2	39506-033	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	790		39506-033	03/07/94	197	120.1/1
pH (units)	7.22		39506-047	03/04/94	287	150.1/1
Nitrate + Nitrite (mg/L as N)	0.71	0.05	39506-054	03/08/94	553	353.2/1

Field Identification: OBDMW3 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	11	1	39506-006	03/07/94	861	415.1/1
Chloride (mg/L)	2	1	39506-034	03/07/94	578	325.1/1
Sulfate (mg/L)	110	2	39506-034	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	600		39506-034	03/07/94	197	120.1/1
pH (units)	7.38		39506-048	03/04/94	287	150.1/1
Nitrate + Nitrite (mg/L as N)	0.07	0.05	39506-055	03/08/94	553	353.2/1

Field Identification: OBDMW1 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	5	1	39506-007	03/07/94	861	415.1/1
Chloride (mg/L)	3	1	39506-035	03/07/94	578	325.1/1
Sulfate (mg/L)	190	2	39506-035	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	720		39506-035	03/07/94	197	120.1/1
pH (units)	7.24		39506-049	03/04/94	287	150.1/1
Nitrate + Nitrite (mg/L as N)	0.82	0.05	39506-056	03/08/94	553	353.2/1

References: 1) 40 CFR Part 136, Friday, October 26, 1984

Field Identification: OBMW25 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39517-001	03/07/94	861	415.1/1
Chloride (mg/L)	1	1	39517-038	03/07/94	578	325.1/1
Sulfate (mg/L)	66	1	39517-038	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	580		39517-038	03/07/94	197	120.1/1
pH (units)	7.37		39517-048	03/07/94	288	150.1/1
Nitrate + Nitrite (mg/L as N)	BDL	0.05	39517-068	03/08/94	553	353.2/1

Field Identification: OBMW23 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	1	1	39517-002	03/07/94	861	415.1/1
Chloride (mg/L)	13	1	39517-039	03/07/94	578	325.1/1
Sulfate (mg/L)	260	4	39517-039	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	930		39517-039	03/07/94	197	120.1/1
pH (units)	7.23		39517-049	03/09/94	290	150.1/1
Nitrate + Nitrite (mg/L as N)	0.05	0.05	39517-069	03/08/94	553	353.2/1

Field Identification: OBMW26 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	6	1	39517-003	03/07/94	861	415.1/1
Chloride (mg/L)	BDL	1	39517-040	03/07/94	578	325.1/1
Sulfate (mg/L)	41	1	39517-040	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	1400		39517-040	03/07/94	197	120.1/1
pH (units)	12.09		39517-050	03/07/94	288	150.1/1
Nitrate + Nitrite (mg/L as N)	0.38	0.05	39517-070	03/08/94	553	353.2/1

Field Identification: OBMW24 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	3	1	39517-004	03/07/94	861	415.1/1
Chloride (mg/L)	34	1	39517-041	03/07/94	578	325.1/1
Sulfate (mg/L)	240	4	39517-041	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	1200		39517-041	03/07/94	197	120.1/1
pH (units)	7.30		39517-051	03/07/94	288	150.1/1
Nitrate + Nitrite (mg/L as N)	12	0.3	39517-071	03/08/94	553	353.2/1

Field Identification: OBMW27 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39517-005	03/07/94	861	415.1/1
Chloride (mg/L)	11	1	39517-042	03/07/94	578	325.1/1
Sulfate (mg/L)	100	1	39517-042	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	920		39517-042	03/07/94	197	120.1/1
pH (units)	7.39		39517-052	03/07/94	288	150.1/1
Nitrate + Nitrite (mg/L as N)	1.2	0.05	39517-072	03/08/94	553	353.2/1

Field Identification: OBDMW2 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39517-006	03/07/94	861	415.1/1
Chloride (mg/L)	2	1	39517-043	03/07/94	578	325.1/1
Sulfate (mg/L)	100	1	39517-043	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	640		39517-043	03/07/94	197	120.1/1
pH (units)	7.40		39517-053	03/07/94	288	150.1/1
Nitrate + Nitrite (mg/L as N)	BDL	0.05	39517-073	03/08/94	553	353.2/1

Field Identification: OBMW30 Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39517-007	03/07/94	861	415.1/1
Chloride (mg/L)	23	1	39517-044	03/07/94	578	325.1/1
Sulfate (mg/L)	250	4	39517-044	03/08/94	571A	300.0/1
Specific Conductance (umhos/cm)	970		39517-044	03/07/94	197	120.1/1
pH (units)	7.07		39517-054	03/07/94	288	150.1/1
Nitrate + Nitrite (mg/L as N)	0.34	0.05	39517-074	03/08/94	553	353.2/1

Field Identification: ASBRNS Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39517-008	03/07/94	861	415.1/1
Chloride (mg/L)	24	1	39517-045	03/07/94	578	325.1/1
Sulfate (mg/L)	100	1	39517-045	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	880		39517-045	03/07/94	197	120.1/1
pH (units)	7.37		39517-055	03/07/94	288	150.1/1
Nitrate + Nitrite (mg/L as N)	12	0.3	39517-075	03/08/94	553	353.2/1

Field Identification: ASHFHD

Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39517-009	03/07/94	861	415.1/1
Chloride (mg/L)	12	1	39517-046	03/07/94	578	325.1/1
Sulfate (mg/L)	29	1	39517-046	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	790		39517-046	03/07/94	197	120.1/1
pH (units)	8.63		39517-056	03/07/94	288	150.1/1
Nitrate + Nitrite (mg/L as N)	BDL	0.05	39517-076	03/08/94	553	353.2/1

Field Identification: ASHFHS

Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	3	1	39517-010	03/07/94	861	415.1/1
Chloride (mg/L)	16	1	39517-047	03/07/94	578	325.1/1
Sulfate (mg/L)	48	1	39517-047	03/07/94	571A	300.0/1
Specific Conductance (umhos/cm)	790		39517-047	03/07/94	197	120.1/1
pH (units)	7.30		39517-057	03/07/94	288	150.1/1
Nitrate + Nitrite (mg/L as N)	1.7	0.05	39517-077	03/08/94	553	353.2/1

References: 1) 40 CFR Part 136, Friday, October 26, 1984

PACE Interregional-New England
P.O. Box 2130
One Lafayette Road
Hampton, NH 03842

April 01, 1994
PACE Project Number: 140310511

Attn: Ms. Gretchen Franzheim

Client Reference: SEN-17 Seneca Army Depot Quarterly

PACE Sample Number:			97 0012443		
Date Collected:			03/01/94		
Date Received:			03/10/94		
Client Sample ID:			39506-40 MW29		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/29/94

PACE Sample Number:			97 0012451		
Date Collected:			03/01/94		
Date Received:			03/10/94		
Client Sample ID:			39506-41 MW3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/29/94

April 01, 1994
PACE Project Number: 140310511

Client Reference: SEN-17 Seneca Army Depot Quarterly

PACE Sample Number:			97 0012460		
Date Collected:			03/01/94		
Date Received:			03/10/94		
Client Sample ID:			39506-42 MW-1		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/29/94

PACE Sample Number:			97 0012478		
Date Collected:			03/01/94		
Date Received:			03/10/94		
Client Sample ID:			39506-36 MW-17		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/29/94

PACE Sample Number:			97 0012486		
Date Collected:			03/01/94		
Date Received:			03/10/94		
Client Sample ID:			39506-36		
Parameter	Units	PRL	MS	METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.080	SW846 9020	03/29/94

April 01, 1994
PACE Project Number: 140310511

Client Reference: SEN-17 Seneca Army Depot Quarterly

PACE Sample Number:			97 0012494		
Date Collected:			03/01/94		
Date Received:			03/10/94		
Client Sample ID:			39506-36		
Parameter	Units	PRL	MSD	METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.095	SW846 9020	03/29/94

PACE Sample Number:			97 0012508		
Date Collected:			03/01/94		
Date Received:			03/10/94	mw 16	
Client Sample ID:			39506-37		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/29/94

PACE Sample Number:			97 0012532		
Date Collected:			03/01/94		
Date Received:			03/10/94	MW 28	
Client Sample ID:			39506-38		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/29/94

April 01, 1994
PACE Project Number: 140310511

Client Reference: SEN-17 Seneca Army Depot Quarterly

Parameter	Units	PRL	97 0012559	METHOD	DATE ANALYZED
PACE Sample Number:			97 0012559		
Date Collected:			03/01/94		
Date Received:			03/10/94		
Client Sample ID:			39506-39		
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/29/94

Parameter	Units	PRL	97 0012575	METHOD	DATE ANALYZED
PACE Sample Number:			97 0012575		
Date Collected:			02/28/94		
Date Received:			03/10/94		
Client Sample ID:			39479-17		
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/28/94

Parameter	Units	PRL	97 0012583	METHOD	DATE ANALYZED
PACE Sample Number:			97 0012583		
Date Collected:			02/28/94		
Date Received:			03/10/94		
Client Sample ID:			39479-18		
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/28/94

April 01, 1994
PACE Project Number: 140310511

Client Reference: SEN-17 Seneca Army Depot Quarterly

PACE Sample Number:			97 0012591		
Date Collected:			03/03/94		
Date Received:			03/10/94		
Client Sample ID:			39517-58 MW23		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.02	SW846 9020	03/31/94

PACE Sample Number:			97 0012729		
Date Collected:			03/03/94		
Date Received:			03/10/94		
Client Sample ID:			39517-59 MW23		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/31/94

PACE Sample Number:			97 0012737		
Date Collected:			03/04/94		
Date Received:			03/10/94		
Client Sample ID:			39517-60 MW26		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/31/94

April 01, 1994
PACE Project Number: 140310511

Client Reference: SEN-17 Seneca Army Depot Quarterly

PACE Sample Number:			97 0012770		
Date Collected:			03/02/94		
Date Received:			03/10/94	MW 20	
Client Sample ID:			39517-64		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/30/94

PACE Sample Number:			97 0012788		
Date Collected:			03/03/94		
Date Received:			03/10/94	BRN-5	
Client Sample ID:			39517-65		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/31/94

PACE Sample Number:			97 0012796		
Date Collected:			03/03/94		
Date Received:			03/10/94	= HP	
Client Sample ID:			39517-66		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/31/94

April 01, 1994
PACE Project Number: 140310511

Client Reference: SEN-17 Seneca Army Depot Quarterly

PACE Sample Number:			97 0012800		
Date Collected:			03/03/94		
Date Received:			03/10/94 FHS		
Client Sample ID:			39517-67		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	03/31/94

These data have been reviewed and are approved for release.

Frances P. McConahy
Project Manager

Client Reference: SEN-17 Seneca Army Depot Quarterly

ND Not detected at or above the PRL.
PRL PACE Reporting Limit

Field Identification: MW-1A OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39835-018	04/07/94	876	415.1/1
pH (units)	7.21		39835-035	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	730		39835-035	04/05/94	199	120.1/1

Field Identification: MW-1B OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39835-019	04/07/94	876	415.1/1
pH (units)	7.23		39835-036	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	720		39835-036	04/05/94	199	120.1/1

Field Identification: MW-1C OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	4	1	39835-020	04/07/94	876	415.1/1
pH (units)	7.23		39835-037	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	710		39835-037	04/05/94	199	120.1/1

Field Identification: MW-2A OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	4	1	39835-021	04/07/94	876	415.1/1
pH (units)	7.44		39835-038	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	500		39835-038	04/05/94	199	120.1/1

Field Identification: MW-2B OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	4	1	39835-022	04/07/94	876	415.1/1
pH (units)	7.42		39835-039	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	500		39835-039	04/05/94	199	120.1/1

Field Identification: MW-2C OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	3	1	39835-023	04/07/94	876	415.1/1
pH (units)	7.45		39835-040	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	500		39835-040	04/05/94	199	120.1/1

Field Identification: MW-20 OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	3	1	39835-024	04/07/94	876	415.1/1
pH (units)	7.21		39835-041	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	750		39835-041	04/05/94	199	120.1/1

Field Identification: MW-20-R OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	BDL	1	39835-025	04/07/94	876	415.1/1
pH (units)	7.28		39835-042	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	24		39835-042	04/05/94	199	120.1/1

Field Identification: MW-3A OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	3	1	39835-026	04/07/94	876	415.1/1
pH (units)	7.33		39835-043	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	590		39835-043	04/05/94	199	120.1/1

Field Identification: MW-3B OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	3	1	39835-027	04/07/94	876	415.1/1
pH (units)	7.31		39835-044	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	580		39835-044	04/05/94	199	120.1/1

Field Identification: MW-3C OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	5	1	39835-028	04/07/94	876	415.1/1
pH (units)	7.35		39835-045	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	580		39835-045	04/05/94	199	120.1/1

Field Identification: MW-4A OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	3	1	39835-029	04/07/94	876	415.1/1
pH (units)	7.31		39835-046	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	820		39835-046	04/05/94	199	120.1/1

Field Identification: MW-4B OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	3	1	39835-030	04/07/94	876	415.1/1
pH (units)	7.30		39835-047	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	820		39835-047	04/05/94	199	120.1/1

Field Identification: MW-4C OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39835-031	04/07/94	876	415.1/1
pH (units)	7.33		39835-048	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	800		39835-048	04/05/94	199	120.1/1

Field Identification: MW-7A OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39835-032	04/07/94	876	415.1/1
pH (units)	7.49		39835-049	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	470		39835-049	04/05/94	199	120.1/1

Field Identification: MW-7B OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39835-033	04/07/94	876	415.1/1
pH (units)	7.46		39835-050	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	470		39835-050	04/05/94	199	120.1/1

Field Identification: MW-7C OB/OD

Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
Total Organic Carbon (mg/L)	2	1	39835-034	04/07/94	876	415.1/1
pH (units)	7.45		39835-051	04/05/94	295	150.1/1
Specific Conductance (umhos/cm)	470		39835-051	04/05/94	199	120.1/1

References: 1) 40 CFR Part 136, Friday, October 26, 1984

Field Identification: MW-6A OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
pH (units)	7.49		39851-001	04/06/94	296	150.1/1
Specific Conductance (umhos/cm)	680		39851-001	04/06/94	200	120.1/1
Total Organic Carbon (mg/L)	2	1	39851-013	04/07/94	876	415.1/1

Field Identification: MW-6B OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
pH (units)	7.46		39851-002	04/06/94	296	150.1/1
Specific Conductance (umhos/cm)	680		39851-002	04/06/94	200	120.1/1
Total Organic Carbon (mg/L)	3	1	39851-014	04/07/94	876	415.1/1

Field Identification: MW-6C OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
pH (units)	7.46		39851-003	04/06/94	296	150.1/1
Specific Conductance (umhos/cm)	680		39851-003	04/06/94	200	120.1/1
Total Organic Carbon (mg/L)	2	1	39851-015	04/07/94	876	415.1/1

Field Identification: MW-5A OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
pH (units)	7.36		39851-004	04/06/94	296	150.1/1
Specific Conductance (umhos/cm)	680		39851-004	04/06/94	200	120.1/1
Total Organic Carbon (mg/L)	3	1	39851-016	04/07/94	877	415.1/1

Field Identification: MW-5B OB/OD Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
pH (units)	7.35		39851-005	04/06/94	296	150.1/1
Specific Conductance (umhos/cm)	670		39851-005	04/06/94	200	120.1/1
Total Organic Carbon (mg/L)	2	1	39851-017	04/07/94	877	415.1/1

Field Identification: MW-5C OB/OD

Matrix: WATER

Parameter	Result	Reporting Limit	Lab No.	Date Analyzed	QC Batch	Method/Ref.
pH (units)	7.36		39851-006	04/06/94	296	150.1/1
Specific Conductance (umhos/cm)	670		39851-006	04/06/94	200	120.1/1
Total Organic Carbon (mg/L)	2	1	39851-018	04/07/94	877	415.1/1

References: 1) 40 CFR Part 136, Friday, October 26, 1984

pace INCORPORATED
THE ASSURANCE OF QUALITY

PACE Interregional-New England
P.O. Box 2130
One Lafayette Road
Hampton, NH 03842

May 02, 1994
PACE Project Number: 140412503

Attn: Ms. Gretchen Franzheim

Client Reference: Seneca Army Depot Quarterly

PACE Sample Number:			97 0021663		
Date Collected:			04/03/94		
Date Received:			04/12/94		
			39835-1		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.02	SW846 9020	04/19/94

PACE Sample Number:			97 0021671		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-2		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.03	SW846 9020	04/19/94

May 02, 1994
PACE Project Number: 140412503

Client Reference: Seneca Army Depot Quarterly

PACE Sample Number:			97 0021680		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-3		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.05	SW846 9020	04/19/94

PACE Sample Number:			97 0021698		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-4		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.07	SW846 9020	04/20/94

PACE Sample Number:			97 0021701		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-5		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.09	SW846 9020	04/19/94

May 02, 1994
PACE Project Number: 140412503

Client Reference: Seneca Army Depot Quarterly

PACE Sample Number:			97 0021710		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-6		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/20/94

PACE Sample Number:			97 0021728		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-7		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.03	SW846 9020	04/20/94

PACE Sample Number:			97 0021736		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-8		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/20/94

May 02, 1994
PACE Project Number: 140412503

Client Reference: Seneca Army Depot Quarterly

PACE Sample Number:			97 0021744		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-9		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.02	SW846 9020	04/21/94

PACE Sample Number:			97 0021752		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-10		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/21/94

PACE Sample Number:			97 0021760		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-11		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/21/94

May 02, 1994
PACE Project Number: 140412503

Client Reference: Seneca Army Depot Quarterly

PACE Sample Number:			97 0021779		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-12		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/21/94

PACE Sample Number:			97 0021787		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-13		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.02	SW846 9020	04/22/94

PACE Sample Number:			97 0021795		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-14		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/22/94

May 02, 1994
PACE Project Number: 140412503

Client Reference: Seneca Army Depot Quarterly

PACE Sample Number:			97 0021809		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-15		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/22/94

PACE Sample Number:			97 0021817		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-16		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/22/94

PACE Sample Number:			97 0021825		
Date Collected:			04/03/94		
Date Received:			04/12/94		
Client Sample ID:			39835-17		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/22/94

May 02, 1994
PACE Project Number: 140412503

Client Reference: Seneca Army Depot Quarterly

PACE Sample Number:			97 0021833		
Date Collected:			04/04/94		
Date Received:			04/12/94		
Client Sample ID:			39851-7		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/22/94

PACE Sample Number:			97 0021841		
Date Collected:			04/04/94		
Date Received:			04/12/94		
Client Sample ID:			39851-8		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/27/94

PACE Sample Number:			97 0021850		
Date Collected:			04/04/94		
Date Received:			04/12/94		
Client Sample ID:			39851-9		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	0.06	SW846 9020	04/27/94

May 02, 1994
PACE Project Number: 140412503

Client Reference: Seneca Army Depot Quarterly

PACE Sample Number:			97 0021868		
Date Collected:			04/04/94		
Date Received:			04/12/94		
Client Sample ID:			39851-10		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/27/94

PACE Sample Number:			97 0021876		
Date Collected:			04/04/94		
Date Received:			04/12/94		
Client Sample ID:			39851-11		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/27/94

PACE Sample Number:			97 0021884		
Date Collected:			04/04/94		
Date Received:			04/12/94		
Client Sample ID:			39851-12		
Parameter	Units	PRL		METHOD	DATE ANALYZED
INORGANIC ANALYSIS					
INDIVIDUAL PARAMETERS					
Total Organic Halogen	mg/L	0.02	ND	SW846 9020	04/27/94

These data have been reviewed and are approved for release.

Frances P. McConahy
Project Manager

Client Reference: Seneca Army Depot Quarterly

ND Not detected at or above the PRL.
PRL PACE Reporting Limit