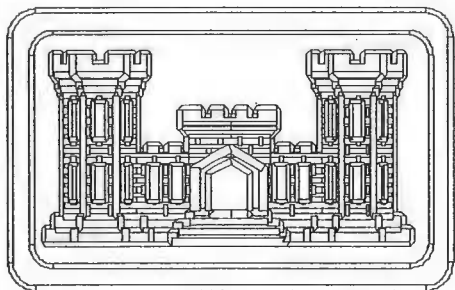


U.S. ARMY ENGINEER DIVISION
HUNTSVILLE, ALABAMA

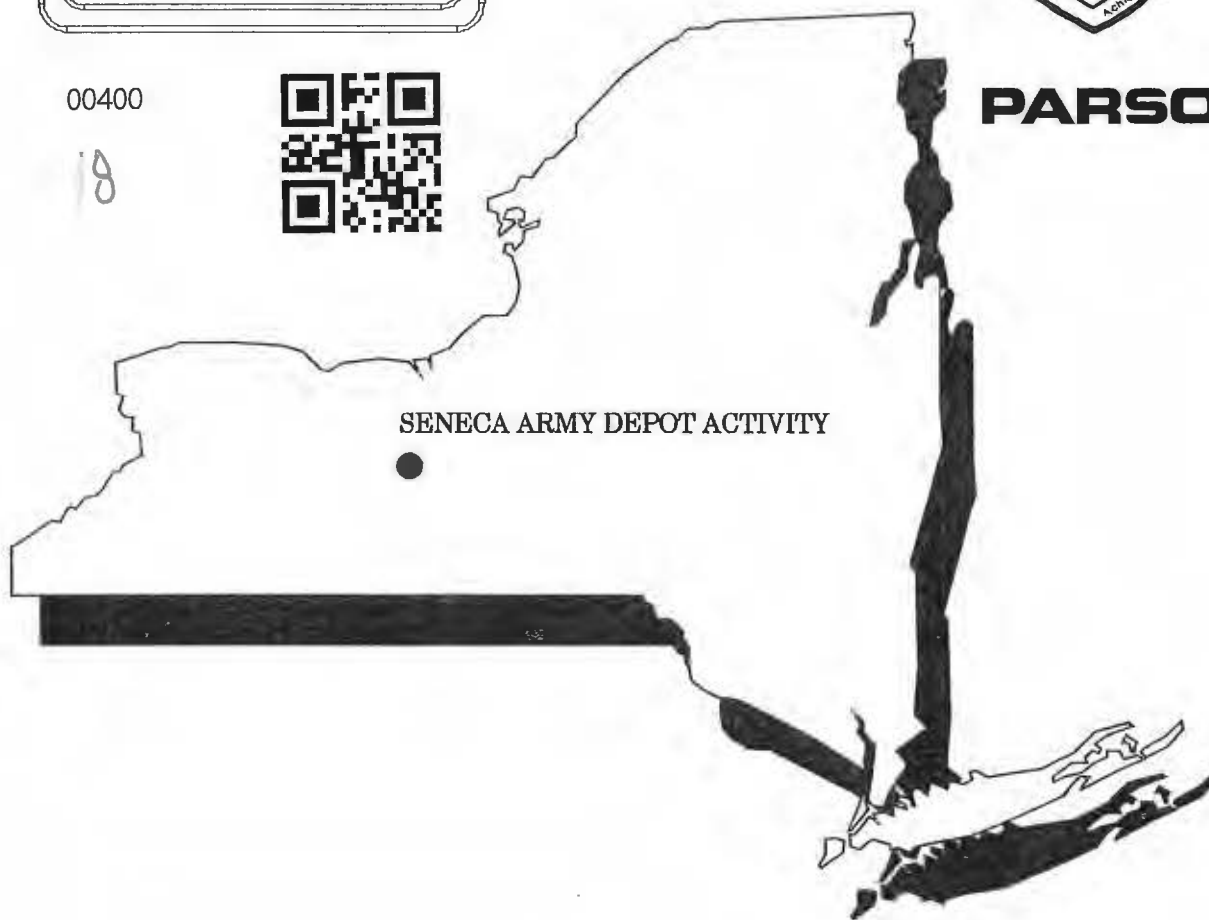


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PARSONS



SENECA ARMY DEPOT ACTIVITY

**SENECA QUARTERLY REPORT
QUALITY ASSURED DATA**

SENECA ARMY DEPOT ACTIVITY (SEDA)

APRIL 2004

**QUARTERLY REPORT
QUALITY ASSURED DATA RECEIVED
BY MARCH 31, 2004**

FOR

**SEAD-48
ASH LANDFILL
SMALL ARMS RANGE – AIRFIELD (SEAD-122B)**

Prepared for:

SENECA ARMY DEPOT ACTIVITY
ROMULUS, NEW YORK 14541

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April 2004

**QUARTERLY REPORT
QUALITY ASSURED DATA RECEIVED
BETWEEN JANUARY 1, 2004 AND MARCH 31, 2004**

ATTACHMENT 1 – SEAD-48 SOIL DATA

- Table 1 – Summary of Detected Soil COC Concentrations Greater Than DCGLw
- Groundwater Sampling Results – SDG 89747

ATTACHMENT 2 – SEAD-48 GROUNDWATER DATA

- Table 2 – Summary of Groundwater Sample Results
- Soil Sampling Results – SDG 86840
- Soil Sampling Results – SDG 84843

ATTACHMENT 3 - ASH LANDFILL AND SEAD-122B

Data presented in associated reports submitted in February 2004 and therefore not presented in this report

Attachment 1

SEAD-48 SOIL DATA

Table 1 – Summary of Detected Soil COC Concentrations Greater Than DCGLw
Soil Sampling Results – SDG 86840
Soil Sampling Results – SDG 84843

Table 1
Detected Concentrations Greater than DCGL_w
Soil Boring Samples
SEAD-48 Final Status Surveys
Seneca Army Depot Activity

Igloo	Location	Sample ID	Parameter ⁽¹⁾	DCGL _w ⁽²⁾	Tab Result	Uncertainty (+/-)	Units	Qualifier ⁽³⁾	MDL ⁽⁴⁾	DCGL _w Comparison
E0804	SB07	IGLOO 804-SB07; 0-0.5 ft	Radium-226	1.7	3.73	0.43	pCi/g ⁽⁵⁾		0.05	Greater than DCGL _w
E0804	SB09	IGLOO 804-SB09; 0-0.5 ft	Radium-226	1.7	4.14	0.48	pCi/g		0.05	Greater than DCGL _w
E0804	SB11	IGLOO 804-SB11; 0-0.5 ft	Radium-226	1.7	3.27	0.42	pCi/g		0.09	Greater than DCGL _w
E0805	SB12	IGLOO 805-SB12; 0-0.5 ft	Radium-226	1.7	2.83	0.31	pCi/g		0.08	Greater than DCGL _w
E0805	SB14	IGLOO 805-SB14; 0-4 in	Lead-210	5.6	18	16.2	pCi/g		15.4	Greater than DCGL _w
E0805	SB14	IGLOO 805-SB14; 0-4 in	Radium-226	1.7	9.54	0.92	pCi/g		0.12	Greater than DCGL _w
E0805	SB14	IGLOO 805-SB14A; 0-4 in	Lead-210	5.6	97.1	27.4	pCi/g	J	24.2	Greater than DCGL _w
E0805	SB14	IGLOO 805-SB14A; 0-4 in	Radium-226	1.7	218	24.8	pCi/g		0.19	Greater than DCGL _w
E0805	SB14	IGLOO 805-SB14A; 0-4 in	Thorium-230	54	218	24.8	pCi/g		0.19	Greater than DCGL _w
E0805	SB14	IGLOO 805-SB14A; 0-4 in	Uranium-234	180	267	30.5	pCi/g		0.52	Greater than DCGL _w
E0805	SB14	IGLOO 805-SB14A; 0-4 in	Uranium-238	98	146	28.9	pCi/g		6.5	Greater than DCGL _w
E0806	SB17	IGLOO 806-SB17; 0-0.5 ft	Lead-210	5.6	7.51	9.75	pCi/g		6.3	Greater than DCGL _w
E0806	SB18	IGLOO 806-SB18; 0-0.5 ft	Radium-226	1.7	14.6	1.72	pCi/g		0.13	Greater than DCGL _w
E0806	SB18	IGLOO 806-SB18; 0.5-2 ft	Radium-226	1.7	1.91	0.26	pCi/g		0.07	Greater than DCGL _w
E0806	SB20	IGLOO 806-SB20; 0-0.5 ft	Lead-210	5.6	16.8	9.17	pCi/g		8.7	Greater than DCGL _w
E0806	SB20	IGLOO 806-SB20; 0-0.5 ft	Radium-226	1.7	15.9	1.79	pCi/g		0.12	Greater than DCGL _w
E0806	SB20	IGLOO 806-SB20; 0.5-2 ft	Radium-226	1.7	5.28	0.70	pCi/g		0.07	Greater than DCGL _w
E0811	SB40	IGLOO 811-SB40-1; 0-0.5 ft	Radium-226	1.7	6.07	0.77	pCi/g	J	0.08	Greater than DCGL _w
E0811	SB40	IGLOO 811-SB40-2; 0-0.5 ft	Radium-226	1.7	6.35	0.59	pCi/g	J	0.09	Greater than DCGL _w
E0811	SB41	IGLOO 811-SB41; 0-0.5 ft	Lead-210	5.6	55.4	18.4	pCi/g		19.3	Greater than DCGL _w
E0811	SB41	IGLOO 811-SB41; 0-0.5 ft	Radium-226	1.7	74.4	6.6	pCi/g	J	0.27	Greater than DCGL _w
E0811	SB41	IGLOO 811-SB41; 0-0.5 ft	Thorium-230	54	74.4	6.6	pCi/g	J	0.27	Greater than DCGL _w

Notes:

) Only radionuclides of concern with detected concentrations greater than the DCGL_w are listed.

) DCGL_w = Derived concentration guideline level, wide-area. Soil DCGL_w's from ANL, 2003.

) J = Indicates an estimated value. The result was greater than the detection limit, but less than the reporting limit.

) MDL = method detection limit.

) pCi/g = picocuries per gram.

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR RQ
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Actinium-228	0.401	0.176	14331-83-0	PCI/G		0.163	0.8
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Americium-241	0.00	0.130	14596-10-2	PCI/G	UUU	0.207	0.2
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Antimony-124	-0.0117	0.0384	14683-10-4	PCI/G	U	0.0572	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Antimony-125	0.00	0.106	14234-35-6	PCI/G	UUU	0.134	0.2
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Barium-133	0.041	0.0378	13981-41-4	PCI/G	U	0.0568	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Barium-140	0.492	0.702	14798-08-4	PCI/G	U	0.999	0.5
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Beryllium-7	0.242	0.490	13966-02-4	PCI/G	U	0.519	0.7
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Bismuth-212	0.300	0.237	14913-49-6	PCI/G	U	0.322	0.5
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Bismuth-214	28.7	3.27	14733-03-0	PCI/G		0.0779	0.2
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cerium-139	0.0145	0.0364		PCI/G	U	0.0543	0.0
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cerium-141	0.00	0.139	13967-74-3	PCI/G	UUU	0.162	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cerium-144	-0.115	0.202	14762-78-8	PCI/G	U	0.340	0.5
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cesium-134	-0.00629	0.0281	13967-70-9	PCI/G	U	0.047	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cesium-136	0.213	0.270	14234-29-8	PCI/G	U	0.389	0.3
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cesium-137	0.0348	0.027	10045-97-3	PCI/G	U	0.041	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Chromium-51	-0.892	0.538	14392-02-0	PCI/G	U	0.892	0.6
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cobalt-56	0.00256	0.034		PCI/G	U	0.057	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cobalt-57	0.0136	0.0298	13981-50-5	PCI/G	U	0.0417	0.0
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cobalt-58	0.000475	0.038	13981-38-9	PCI/G	U	0.0554	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Cobalt-60	-0.0154	0.0292	10198-40-0	PCI/G	U	0.0486	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Europium-152	-0.0576	0.0626	14683-23-9	PCI/G	U	0.139	0.2
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Europium-154	0.121	0.0954	15585-10-1	PCI/G	U	0.143	0.5
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Europium-155	-0.0699	0.104	14391-16-3	PCI/G	U	0.159	0.5
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Iridium-192	0.00125	0.0391	14694-69-0	PCI/G	U	0.059	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Iron-59	-0.146	0.0902	14596-12-4	PCI/G	U	0.141	0.3
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Lead-210	19.9	4.47	14255-04-0	PCI/G		4.05	4.0
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Lead-212	0.402	0.0898	15092-94-1	PCI/G		0.083	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Lead-214	35.4	3.72	15067-28-4	PCI/G		0.0955	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Manganese-54	0.0189	0.047	13966-31-9	PCI/G	U	0.0462	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Mercury-203	-0.0961	0.0488	13982-78-0	PCI/G	U	0.0809	0.1
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Neodymium-147	2.02	1.82	14269-74-0	PCI/G	U	2.65	1000
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Neptunium-239	-0.0165	0.171	13968-59-7	PCI/G	U	0.292	2.00
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Niobium-94	0.00	0.0382	14681-63-1	PCI/G	UUU	0.0431	1.0
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Niobium-95	0.00	0.216	13967-76-5	PCI/G	UUU	0.147	0.0
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Potassium-40	8.59	0.878	13966-00-2	PCI/G		0.472	1.0
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Promethium-144	0.00612	0.0226		PCI/G	U	0.0387	0.0
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Promethium-146	0.00	0.0497		PCI/G	UUU	0.0591	1.0
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Radium-226	28.7	3.27	13982-63-3	PCI/G		0.0779	1.0

SEAD-48
Soil Sampling Results
SDG 86840

Seneca Army Depot Activity

	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR	RQ
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Radium-228	0.401	0.176	15262-20-1	PCI/G	U	0.163	0.50	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Ruthenium-106	-0.131	0.206	13967-48-1	PCI/G	U	0.350	0.80	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Silver-110m	-0.0127	0.0228		PCI/G	U	0.0386	0.00	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Sodium-22	0.0437	0.0344	13966-32-0	PCI/G	U	0.0517	0.00	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Thallium-208	0.0928	0.0383	14913-50-9	PCI/G	U	0.0427	0.00	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Thorium-230	28.7	3.27	14269-63-7	PCI/G	U	0.0779	1.00	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Thorium-234	22.8	4.45	15065-10-8	PCI/G	U	1.75	2.00	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Tin-113	0.000871	0.0459	13966-06-8	PCI/G	U	0.0678	0.10	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Uranium-235	2.26	0.502	15117-96-1	PCI/G	U	0.384	0.50	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Uranium-238	22.8	4.45	7440-61-1	PCI/G	U	1.75	1.00	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Yttrium-88	0.00	0.0323	13982-36-0	PCI/G	UU	0.0534	0.10	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Zinc-65	0.00	0.0857	13982-39-3	PCI/G	UU	0.130	0.30	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Zirconium-95	-0.0635	0.0593	13967-71-0	PCI/G	U	0.0976	0.20	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Thorium-232	0.388	0.0866	7440-29-1	PCI/G	U	0.080	0.50	
East Drain	SAMPLE	08/23/03	08/26/03	09/01/03	09/28/03	Uranium-234	35.4	4.26	13966-29-5	PCI/G	U	0.196	1.00	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Actinium-228	0.291	1.01	14331-83-0	PCI/G	U	1.72	0.80	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Americium-241	0.0975	1.32	14596-10-2	PCI/G	U	2.43	0.20	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Antimony-124	0.00402	0.448	14683-10-4	PCI/G	U	0.685	0.10	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Antimony-125	0.00	1.46	14234-35-6	PCI/G	UU	1.39	0.20	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Barium-133	0.143	0.377	13981-41-4	PCI/G	U	0.578	0.10	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Barium-140	17.8	17.4	14798-08-4	PCI/G	U	21.9	0.50	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Beryllium-7	-0.924	4.42	13966-02-4	PCI/G	U	6.51	0.70	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Bismuth-212	-0.253	1.93	14913-49-6	PCI/G	U	3.33	0.50	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Bismuth-214	228	20.2	14733-03-0	PCI/G	U	0.799	0.20	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cerium-139	0.338	0.368		PCI/G	U	0.565	0.00	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cerium-141	0.00	1.51	13967-74-3	PCI/G	UU	2.07	0.10	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cerium-144	-1.19	2.00	14762-78-8	PCI/G	U	3.45	0.50	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cesium-134	-0.0976	0.288	13967-70-9	PCI/G	U	0.491	0.10	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cesium-136	1.11	5.37	14234-29-8	PCI/G	U	7.78	0.30	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cesium-137	0.395	0.280	10045-97-3	PCI/G	U	0.438	0.10	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Chromium-51	3.06	7.95	14392-02-0	PCI/G	U	12.3	0.60	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cobalt-56	0.104	0.384		PCI/G	U	0.658	0.10	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cobalt-57	0.0707	0.245	13981-50-5	PCI/G	U	0.431	0.00	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cobalt-58	0.0428	0.448	13981-38-9	PCI/G	U	0.667	0.10	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Cobalt-60	0.0165	0.289	10198-40-0	PCI/G	U	0.495	0.10	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Europium-152	-0.253	0.825	14683-23-9	PCI/G	U	1.43	0.20	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Europium-154	-0.0621	0.952	15585-10-1	PCI/G	U	1.40	0.50	
SB14A; 0-4 in	DUP	08/11/03	08/26/03	09/29/03	09/29/03	Europium-155	1.22	1.34	14391-16-3	PCI/G	U	1.66	0.50	

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR/ RQ
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Iridium-192	-0.398	0.386	14694-69-0	PCI/G	U	0.668	0.10
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Iron-59	-0.0636	1.20	14596-12-4	PCI/G	U	1.80	0.30
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Lead-210	124	57.1	14255-04-0	PCI/G	U	58.4	4.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Lead-212	0.724	0.742	15092-94-1	PCI/G	U	0.866	0.10
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Lead-214	271	22.2	15067-28-4	PCI/G	U	0.972	0.10
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Manganese-54	0.00	0.451	13966-31-9	PCI/G	UUI	0.482	0.10
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Mercury-203	-1.3	0.562	13982-78-0	PCI/G	U	0.963	0.10
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Neodymium-147	49.4	41.5	14269-74-0	PCI/G	U	61.8	100
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Neptunium-239	1.69	1.85	13968-59-7	PCI/G	U	2.92	2.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Niobium-94	0.00	0.356	14681-63-1	PCI/G	UUI	0.437	1.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Niobium-95	0.00	1.82	13967-76-5	PCI/G	UUI	1.94	0.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Potassium-40	4.44	3.62	13966-00-2	PCI/G	U	5.10	1.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Promethium-144	0.136	0.231		PCI/G	U	0.406	0.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Promethium-146	0.00	0.528		PCI/G	UUI	0.605	1.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Radium-226	228	20.2	13982-63-3	PCI/G	U	0.799	1.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Radium-228	0.291	1.01	15262-20-1	PCI/G	U	1.72	0.50
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Ruthenium-106	-2.88	2.17	13967-48-1	PCI/G	U	3.65	0.80
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Silver-110m	-0.101	0.244		PCI/G	U	0.422	0.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Sodium-22	-0.0208	0.347	13966-32-0	PCI/G	U	0.511	0.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Thallium-208	0.201	0.292	14913-50-9	PCI/G	U	0.455	0.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Thorium-230	228	20.2	14269-63-7	PCI/G	U	0.799	1.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Thorium-234	143	31.3	15065-10-8	PCI/G	U	19.8	2.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Tin-113	-0.0061	0.506	13966-06-8	PCI/G	U	0.763	0.10
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Uranium-235	14.5	4.19	15117-96-1	PCI/G	U	3.57	0.50
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Uranium-238	143	31.3	7440-61-1	PCI/G	U	19.8	1.00
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Yttrium-88	0.00	0.524	13982-36-0	PCI/G	UUI	0.583	0.10
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Zinc-65	5.23	0.892	13982-39-3	PCI/G	UI	1.42	0.30
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Zirconium-95	0.223	0.697	13967-71-0	PCI/G	U	1.21	0.20
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Thorium-232	0.685	0.707	7440-29-1	PCI/G	U	0.824	0.50
DUP	08/11/03	08/26/03	09/29/03	09/29/03	Uranium-234	268	22.8	13966-29-5	PCI/G	U	1.93	1.00
SAMPLE	08/11/03	08/26/03	09/01/03	09/28/03	Actinium-228	0.233	0.283	14331-83-0	PCI/G	U	0.395	0.80
SAMPLE	08/11/03	08/26/03	09/01/03	09/28/03	Americium-241	-1.44	0.509	14596-10-2	PCI/G	U	0.836	0.20
SAMPLE	08/11/03	08/26/03	09/01/03	09/28/03	Antimony-124	-0.0993	0.108	14683-10-4	PCI/G	U	0.161	0.10
SAMPLE	08/11/03	08/26/03	09/01/03	09/28/03	Antimony-125	0.00	0.337	14234-35-6	PCI/G	UUI	0.351	0.20
SAMPLE	08/11/03	08/26/03	09/01/03	09/28/03	Barium-133	0.00	0.130	13981-41-4	PCI/G	UUI	0.153	0.10
SAMPLE	08/11/03	08/26/03	09/01/03	09/28/03	Barium-140	4.79	3.49	14798-08-4	PCI/G	U	4.73	0.50
SAMPLE	08/11/03	08/26/03	09/01/03	09/28/03	Beryllium-7	0.00	1.50	13966-02-4	PCI/G	UUI	1.56	0.70
SAMPLE	08/11/03	08/26/03	09/01/03	09/28/03	Bismuth-212	-0.11	0.458	14913-49-6	PCI/G	U	0.779	0.50

SEAD-48
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SDG 86840
Seneca Army Depot Activity

Sample Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_ Qual	MDL	CR/ RQ
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Bismuth-214	218	24.8	14733-03-0	PCI/G	U	0.193	0.20
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cerium-139	0.00	0.105		PCI/G	UUI	0.165	0.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cerium-141	0.00	0.932	13967-74-3	PCI/G	UUI	0.604	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cerium-144	-1.06	0.663	14762-78-8	PCI/G	U	1.03	0.50
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cesium-134	-0.0351	0.0675	13967-70-9	PCI/G	U	0.114	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cesium-136	0.0146	1.20	14234-29-8	PCI/G	U	1.71	0.30
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cesium-137	0.193	0.0648	10045-97-3	PCI/G		0.0975	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Chromium-51	-0.939	2.13	14392-02-0	PCI/G	U	3.20	0.60
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cobalt-56	0.00932	0.0901		PCI/G	U	0.152	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cobalt-57	0.118	0.0943		PCI/G	U	0.129	0.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cobalt-58	-0.158	0.107		PCI/G	U	0.152	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Cobalt-60	-0.0719	0.0787		PCI/G	U	0.113	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Europium-152	-0.56	0.225	14683-23-9	PCI/G	U	0.369	0.20
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Europium-154	0.00	0.268	15585-10-1	PCI/G	UUI	0.328	0.50
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Europium-155	-0.25	0.278	14391-16-3	PCI/G	U	0.511	0.50
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Iridium-192	0.00	0.121	14694-69-0	PCI/G	UUI	0.179	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Iron-59	-0.028	0.282	14596-12-4	PCI/G	U	0.399	0.30
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Lead-210	97.1	27.4	14255-04-0	PCI/G		24.2	4.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Lead-212	0.560	0.226	15092-94-1	PCI/G		0.247	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Lead-214	271	29.8	15067-28-4	PCI/G		0.251	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Manganese-54	0.00	0.119	13966-31-9	PCI/G	UUI	0.115	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Mercury-203	0.00	0.212	13982-78-0	PCI/G	UUI	0.275	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Neodymium-147	0.00	13.9	14269-74-0	PCI/G	UUI	14.0	100.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Neptunium-239	0.00	0.573	13968-59-7	PCI/G	UUI	0.890	2.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Niobium-94	0.00	0.157	14681-63-1	PCI/G	UUI	0.0875	0.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Niobium-95	0.00	1.41	13967-76-5	PCI/G	UUI	0.418	0.05
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Potassium-40	4.71	1.13	13966-00-2	PCI/G		1.11	1.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Promethium-144	0.084	0.0644		PCI/G	U	0.0957	0.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Promethium-146	0.00	0.178		PCI/G	UUI	0.153	1.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Radium-226	218	24.8	13982-63-3	PCI/G		0.193	1.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Radium-228	0.233	0.283	15262-20-1	PCI/G	U	0.395	0.50
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Ruthenium-106	-0.54	0.534	13967-48-1	PCI/G	U	0.908	0.80
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Silver-110m	0.0232	0.0668		PCI/G	U	0.100	0.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Sodium-22	0.302	0.095		PCI/G		0.113	0.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Thallium-208	0.383	0.0836	14913-50-9	PCI/G		0.115	0.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Thorium-230	218	24.8	14269-63-7	PCI/G		0.193	1.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Thorium-234	146	28.9	15065-10-8	PCI/G		6.48	2.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Tin-113	0.156	0.131	13966-06-8	PCI/G	U	0.195	0.10

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR	RQ
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Uranium-235	14.9	2.82	15117-96-1	PCI/G	U	1.07	0.50	0.50
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Uranium-238	146	28.9	7440-61-1	PCI/G	U	6.48	1.00	1.00
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Yttrium-88	0.00	0.100	13982-36-0	PCI/G	UUI	0.130	0.10	0.10
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Zinc-65	0.00	0.276	13982-39-3	PCI/G	UUI	0.285	0.30	0.30
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Zirconium-95	-0.0311	0.186	13967-71-0	PCI/G	U	0.273	0.20	0.20
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Thorium-232	0.503	0.215	7440-29-1	PCI/G	U	0.235	0.50	0.50
SB14A; 0-4 in	08/11/03	08/26/03	09/01/03	09/28/03	Uranium-234	267	30.5	13966-29-5	PCI/G	U	0.518	1.00	1.00
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Actinium-228	0.699	0.209	14331-83-0	PCI/G	U	0.134	0.80	0.80
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Americium-241	0.031	0.127	14596-10-2	PCI/G	U	0.158	0.20	0.20
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Antimony-124	0.00192	0.0349	14683-10-4	PCI/G	U	0.0606	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Antimony-125	0.00726	0.0581	14234-35-6	PCI/G	U	0.101	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Barium-133	-0.00837	0.029	13981-41-4	PCI/G	U	0.0439	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Barium-140	0.510	0.959	14798-08-4	PCI/G	U	1.71	0.50	0.50
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Beryllium-7	-0.191	0.295	13966-02-4	PCI/G	U	0.493	0.70	0.70
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Bismuth-212	0.599	0.304	14913-49-6	PCI/G	U	0.274	0.50	0.50
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Bismuth-214	0.677	0.126	14733-03-0	PCI/G	U	0.0691	0.20	0.20
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cerium-139	0.00326	0.0213		PCI/G	U	0.0358	0.00	0.00
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cerium-141	0.0427	0.0818	13967-74-3	PCI/G	U	0.140	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cerium-144	0.113	0.136	14762-78-8	PCI/G	U	0.234	0.50	0.50
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cesium-134	0.0395	0.0311	13967-70-9	PCI/G	U	0.0475	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cesium-136	-0.111	0.403	14234-29-8	PCI/G	U	0.708	0.30	0.30
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cesium-137	0.257	0.0556	10045-97-3	PCI/G	U	0.038	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Chromium-51	-0.22	0.541	14392-02-0	PCI/G	U	0.935	0.60	0.60
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cobalt-56	0.00091	0.0338		PCI/G	U	0.0579	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cobalt-57	-0.0154	0.0171	13981-50-5	PCI/G	U	0.0278	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cobalt-58	-0.0113	0.0333	13981-38-9	PCI/G	U	0.0555	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Cobalt-60	0.00128	0.0239	10198-40-0	PCI/G	U	0.0432	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Europium-152	0.0295	0.0572	14683-23-9	PCI/G	U	0.103	0.20	0.20
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Europium-154	0.0197	0.0701	15585-10-1	PCI/G	U	0.129	0.50	0.50
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Europium-155	0.053	0.0637	14391-16-3	PCI/G	U	0.111	0.50	0.50
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Iridium-192	0.000412	0.0293	14694-69-0	PCI/G	U	0.0516	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Iron-59	-0.033	0.0867	14596-12-4	PCI/G	U	0.151	0.30	0.30
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Lead-210	2.40	2.54	14255-04-0	PCI/G	U	4.13	4.00	4.00
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Lead-212	0.815	0.111	15092-94-1	PCI/G	U	0.0572	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Lead-214	0.853	0.141	15067-28-4	PCI/G	U	0.0717	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Manganese-54	0.000718	0.0238	13966-31-9	PCI/G	U	0.0409	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Mercury-203	-0.00747	0.0424	13982-78-0	PCI/G	U	0.0744	0.10	0.10
SB26; 0-0.5 ft	08/07/03	08/26/03	09/25/03	09/25/03	Neodymium-147	-0.403	2.85	14269-74-0	PCI/G	U	4.93	100	100

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Tyf	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR	RQ
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Neptunium-239	-0.0373	0.116	13968-59-7	PCI/G	U	0.194	2.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Niobium-94	0.0136	0.0214	14681-63-1	PCI/G	U	0.0383	1.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Niobium-95	0.0702	0.0677	13967-76-5	PCI/G	U	0.111	1.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Potassium-40	16.7	1.91	13966-00-2	PCI/G	U	0.313	1.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Promethium-144	-0.00823	0.0227		PCI/G	U	0.038	0.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Promethium-146	-0.00837	0.0267		PCI/G	U	0.0458	1.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Radium-226	0.677	0.126	13982-63-3	PCI/G	U	0.0691	1.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Radium-228	0.699	0.209	15262-20-1	PCI/G	U	0.134	0.50	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Ruthenium-106	0.0506	0.191	13967-48-1	PCI/G	U	0.339	0.80	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Silver-110m	0.00227	0.0265		PCI/G	U	0.0403	0.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Sodium-22	0.00713	0.0256	13966-32-0	PCI/G	U	0.0469	0.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Thallium-208	0.277	0.0515	14913-50-9	PCI/G	U	0.037	0.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Thorium-230	0.676	0.126	14269-63-7	PCI/G	U	0.0691	1.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Thorium-234	1.39	1.39	15065-10-8	PCI/G	U	1.23	2.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Tin-113	0.014	0.0332		PCI/G	U	0.0595	1.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Uranium-235	0.0752	0.132	13966-06-8	PCI/G	U	0.225	0.50	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Uranium-238	1.39	1.39	15117-96-1	PCI/G	U	1.23	1.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Yttrium-88	0.00135	0.0249	7440-61-1	PCI/G	U	0.0412	1.00	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Zinc-65	-0.0268	0.0629	13982-36-0	PCI/G	U	0.0928	0.10	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Zirconium-95	0.00661	0.0602	13982-39-3	PCI/G	U	0.105	0.20	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Thorium-232	0.776	0.106	13967-71-0	PCI/G	U	0.105	0.50	
DUP	08/07/03	08/26/03	09/25/03	09/25/03	Uranium-234	0.857	0.163	7440-29-1	PCI/G	U	0.0545	0.50	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Actinium-228	0.839	0.207	13966-29-5	PCI/G	U	0.130	1.00	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Americium-241	-0.104	0.269	14331-83-0	PCI/G	U	0.178	0.80	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Antimony-124	0.0519	0.0623	14596-10-2	PCI/G	U	0.308	0.20	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Antimony-125	-0.00405	0.0783	14683-10-4	PCI/G	U	0.0796	0.10	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Barium-133	0.0178	0.0366	14234-35-6	PCI/G	U	0.133	0.20	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Barium-140	0.334	1.06	13981-41-4	PCI/G	U	0.0572	0.10	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Beryllium-7	-0.142	0.370	14798-08-4	PCI/G	U	1.93	0.50	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Bismuth-212	0.511	0.328	13966-02-4	PCI/G	U	0.614	0.70	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Bismuth-214	0.842	0.140	14913-49-6	PCI/G	U	0.373	0.50	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Cerium-139	-0.00697	0.0282	14733-03-0	PCI/G	U	0.0811	0.20	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Cerium-141	0.0565	0.102	13967-74-3	PCI/G	U	0.0491	0.00	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Cerium-144	-0.108	0.179	14762-78-8	PCI/G	U	0.183	0.10	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Cesium-134	0.0569	0.0435	13967-70-9	PCI/G	U	0.309	0.50	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Cesium-136	0.0589	0.439	14234-29-8	PCI/G	U	0.0591	0.10	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Cesium-137	0.254	0.0645	10045-97-3	PCI/G	U	0.779	0.30	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Chromium-51	-0.158	0.628	14392-02-0	PCI/G	U	0.0501	0.60	

SEAD-48
Soil Sampling Results
SDG 86840

Seneca Army Depot Activity

Sample	Tyr	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CFR RC
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Americium-241	0.0246	0.110	14596-10-2	PCI/G	U	0.187	0.2
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Antimony-124	0.0156	0.0381	14683-10-4	PCI/G	U	0.0706	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Antimony-125	-0.0116	0.0576	14234-35-6	PCI/G	U	0.104	0.2
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Barium-133	0.0122	0.0345	13981-41-4	PCI/G	U	0.0544	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Barium-140	-0.264	0.937	14798-08-4	PCI/G	U	1.65	0.5
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Beryllium-7	-0.093	0.337	13966-02-4	PCI/G	U	0.599	0.7
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Bismuth-212	0.537	0.312	14913-49-6	PCI/G		0.467	0.5
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Bismuth-214	0.825	0.148	14733-03-0	PCI/G		0.0901	0.2
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cerium-139	-0.0183	0.0229		PCI/G	U	0.0388	0.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cerium-141	0.00697	0.0787	13967-74-3	PCI/G	U	0.140	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cerium-144	0.117	0.142	14762-78-8	PCI/G	U	0.261	0.5
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cesium-134	0.0301	0.0302	13967-70-9	PCI/G	U	0.0585	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cesium-136	0.253	0.387	14234-29-8	PCI/G	U	0.755	0.3
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cesium-137	0.269	0.0655	10045-97-3	PCI/G		0.0552	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Chromium-51	-0.46	0.631	14392-02-0	PCI/G	U	0.893	0.6
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cobalt-56	-0.0233	0.0357		PCI/G	U	0.0585	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cobalt-57	-0.00347	0.0173	13981-50-5	PCI/G	U	0.0308	0.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cobalt-58	-0.0308	0.0399	13981-38-9	PCI/G	U	0.0645	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Cobalt-60	0.0136	0.0291	10198-40-0	PCI/G	U	0.057	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Europium-152	0.0125	0.0735	14683-23-9	PCI/G	U	0.127	0.2
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Europium-154	0.0793	0.0942	15585-10-1	PCI/G	U	0.186	0.5
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Europium-155	0.0625	0.0718	14391-16-3	PCI/G	U	0.134	0.5
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Iridium-192	-0.0102	0.035	14694-69-0	PCI/G	U	0.0587	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Iron-59	-0.0229	0.104	14596-12-4	PCI/G	U	0.187	0.3
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Lead-210	1.26	5.96	14255-04-0	PCI/G	U	4.88	4.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Lead-212	0.867	0.125	15092-94-1	PCI/G		0.069	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Lead-214	0.928	0.162	15067-28-4	PCI/G		0.0848	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Manganese-54	0.00162	0.031	13966-31-9	PCI/G	U	0.0547	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Mercury-203	0.0349	0.0629	13982-78-0	PCI/G	U	0.0722	0.1
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Neodymium-147	-2.11	2.59	14269-74-0	PCI/G	U	4.34	10.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Neptunium-239	0.0098	0.125	13968-59-7	PCI/G	U	0.225	2.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Niobium-94	-0.00252	0.0249	14681-63-1	PCI/G	U	0.0439	1.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Niobium-95	0.0235	0.0736	13967-76-5	PCI/G	U	0.118	0.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Potassium-40	20.4	2.53	13966-00-2	PCI/G		0.405	1.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Promethium-144	-0.00496	0.0273		PCI/G	U	0.0477	0.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Promethium-146	0.0255	0.0299		PCI/G	U	0.0575	1.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Radium-226	0.825	0.148	13982-63-3	PCI/G		0.0901	1.0
SB27; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/23/03	Radium-228	0.917	0.247	15262-20-1	PCI/G		0.163	0.5

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRF
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Ruthenium-106	0.199	0.256	13967-48-1	PCI/G	U	0.484	0.8
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Silver-110m	0.00363	0.0306		PCI/G	U	0.0488	0.0488
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Sodium-22	0.0287	0.0342	13966-32-0	PCI/G	U	0.0677	0.0677
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Thallium-208	0.238	0.073	14913-50-9	PCI/G		0.0441	0.0441
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Thorium-230	0.825	0.148	14269-63-7	PCI/G		0.0901	1.0
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Thorium-234	1.13	1.35	15065-10-8	PCI/G	U	1.51	2.0
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Tin-113	0.0237	0.0406	13966-06-8	PCI/G	U	0.0719	0.1
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Uranium-235	-0.0257	0.158	15117-96-1	PCI/G	U	0.249	0.5
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Uranium-238	1.13	1.35	7440-61-1	PCI/G	U	1.51	1.0
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Yttrium-88	-0.00769	0.0322	13982-36-0	PCI/G	U	0.0583	0.1
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Zinc-65	-0.0248	0.0726	13982-39-3	PCI/G	U	0.110	0.110
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Zirconium-95	0.0284	0.0645	13967-71-0	PCI/G	U	0.121	0.121
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Thorium-232	0.830	0.120	7440-29-1	PCI/G		0.066	0.066
SB27; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/23/03	Uranium-234	1.02	0.226	13966-29-5	PCI/G		0.161	1.0
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.942	0.196	14331-83-0	PCI/G		0.161	0.161
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Americium-241	-0.0229	0.117	14596-10-2	PCI/G	U	0.178	0.178
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.00957	0.0388	14683-10-4	PCI/G	U	0.0671	0.1
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Antimony-125	0.0125	0.0664	14234-35-6	PCI/G	U	0.114	0.2
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Barium-133	-0.0104	0.0314	13981-41-4	PCI/G	U	0.0458	0.1
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.107	0.898	14798-08-4	PCI/G	U	1.58	0.5
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.100	0.357	13966-02-4	PCI/G	U	0.610	0.7
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.474	0.343	14913-49-6	PCI/G		0.348	0.5
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.817	0.138	14733-03-0	PCI/G		0.0844	0.2
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cerium-139	0.0024	0.0247		PCI/G	U	0.0406	0.0406
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.020	0.0742	13967-74-3	PCI/G	U	0.145	0.1
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cerium-144	0.101	0.156	14762-78-8	PCI/G	U	0.263	0.5
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.0338	0.0326	13967-70-9	PCI/G	U	0.0599	0.1
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cesium-136	0.248	0.420	14234-29-8	PCI/G	U	0.748	0.3
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.171	0.048	10045-97-3	PCI/G		0.0448	0.1
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.0552	0.620	14392-02-0	PCI/G	U	0.927	0.6
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-56	-0.0311	0.0345		PCI/G	U	0.0553	0.1
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-57	0.0118	0.0191	13981-50-5	PCI/G	U	0.0325	0.0
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-58	0.0134	0.0378	13981-38-9	PCI/G	U	0.0673	0.1
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.0122	0.031	10198-40-0	PCI/G	U	0.0568	0.1
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Europium-152	0.0341	0.067	14683-23-9	PCI/G	U	0.117	0.2
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Europium-154	0.000898	0.0919	15585-10-1	PCI/G	U	0.163	0.5
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Europium-155	0.106	0.075	14391-16-3	PCI/G	U	0.131	0.5
SB28; 0-0.5 ft	08/11/03	08/26/03	08/27/03	09/25/03	Iridium-192	-0.0164	0.0321	14694-69-0	PCI/G	U	0.0537	0.1

**SEAD-48
Soil Sampling Results
SDG 86840**

Seneca Army Depot Activity

Sample	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CFR RC
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.0595	0.111	14596-12-4	PCI/G	U	0.190	0.3
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Lead-210	3.88	2.87	14255-04-0	PCI/G	U	4.70	4.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Lead-212	0.990	0.108	15092-94-1	PCI/G		0.0668	0.1
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Lead-214	0.927	0.133	15067-28-4	PCI/G		0.0792	0.1
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.00645	0.0307	13966-31-9	PCI/G	U	0.0536	0.1
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.0711	0.061	13982-78-0	PCI/G	U	0.0747	0.1
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-0.405	2.69	14269-74-0	PCI/G	U	4.46	10.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.0699	0.129	13968-59-7	PCI/G	U	0.220	2.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Niobium-94	0.0165	0.0249	14681-63-1	PCI/G	U	0.0449	1.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Niobium-95	-0.00254	0.0694	13967-76-5	PCI/G	U	0.104	0.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Potassium-40	20.9	1.77	13966-00-2	PCI/G		0.502	1.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.00567	0.0253		PCI/G	U	0.0448	0.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.012	0.0332		PCI/G	U	0.0571	1.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Radium-226	0.817	0.138	13982-63-3	PCI/G		0.0844	1.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Radium-228	0.942	0.196	15262-20-1	PCI/G		0.161	0.5
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	-0.03	0.233	13967-48-1	PCI/G	U	0.406	0.8
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.0153	0.0289		PCI/G	U	0.0463	0.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Sodium-22	0.00267	0.0334	13966-32-0	PCI/G	U	0.0591	0.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.351	0.0633	14913-50-9	PCI/G		0.0462	0.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.817	0.138	14269-63-7	PCI/G		0.0844	1.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thorium-234	1.01	1.40	15065-10-8	PCI/G	U	1.41	2.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.025	0.0374	13966-06-8	PCI/G	U	0.0612	0.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.0432	0.160	15117-96-1	PCI/G	U	0.251	0.5
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Uranium-238	1.01	1.40	7440-61-1	PCI/G	U	1.41	2.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Yttrium-88	-0.00692	0.0311	13982-36-0	PCI/G	U	0.0566	0.0
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Zinc-65	-0.0391	0.0868	13982-39-3	PCI/G	U	0.126	0.3
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.0326	0.0777	13967-71-0	PCI/G	U	0.122	0.2
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.946	0.103	7440-29-1	PCI/G		0.0638	0.5
SSB28; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Uranium-234	0.829	0.197	13966-29-5	PCI/G		0.149	1.0
SSB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.314	0.102	14331-83-0	PCI/G		0.0766	0.8
SSB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Americium-241	0.000694	0.074	14596-10-2	PCI/G	U	0.138	0.2
SSB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.00541	0.0184	14683-10-4	PCI/G	U	0.0338	0.0
SSB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Antimony-125	0.0259	0.0342	14234-35-6	PCI/G	U	0.0645	0.2
SSB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Barium-133	0.012	0.0182	13981-41-4	PCI/G	U	0.0308	0.0
SSB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.096	0.479	14798-08-4	PCI/G	U	0.894	0.0
SSB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.246	0.319	13966-02-4	PCI/G	U	0.311	0.0
SSB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.132	0.211	14913-49-6	PCI/G	U	0.185	0.0
SSB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.750	0.101	14733-03-0	PCI/G		0.045	0.0

**SEAD-48
Soil Sampling Results
SDG 86840**

Seneca Army Depot Activity

Sample	Sample_Typ	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cerium-139	-0.0023	0.0124		PCI/G	U	0.0235	0.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.0274	0.0615	13967-74-3	PCI/G	U	0.086	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cerium-144	0.0474	0.0786	14762-78-8	PCI/G	U	0.155	0.5
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.0144	0.015	13967-70-9	PCI/G	U	0.0295	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cesium-136	-0.331	0.210	14234-29-8	PCI/G	U	0.307	0.3
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.00644	0.0142	10045-97-3	PCI/G	U	0.0245	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Chromium-51	0.399	0.489	14392-02-0	PCI/G	U	0.488	0.6
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cobalt-56	0.0042	0.0194		PCI/G	U	0.036	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-0.00202	0.00994	13981-50-5	PCI/G	U	0.0193	0.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cobalt-58	-0.0168	0.0196	13981-38-9	PCI/G	U	0.0332	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.00326	0.0134	10198-40-0	PCI/G	U	0.0261	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0143	0.0341	14683-23-9	PCI/G	U	0.0606	0.2
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Europium-154	-0.0181	0.0428	15585-10-1	PCI/G	U	0.0767	0.5
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0332	0.0357	14391-16-3	PCI/G	U	0.0729	0.5
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Iridium-192	-0.00212	0.0172	14694-69-0	PCI/G	U	0.0312	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Iron-59	0.021	0.056	14596-12-4	PCI/G	U	0.104	0.3
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Lead-210	0.779	2.83	14255-04-0	PCI/G	U	5.42	4.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Lead-212	0.392	0.059	15092-94-1	PCI/G		0.0374	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Lead-214	0.881	0.121	15067-28-4	PCI/G		0.0475	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Manganese-54	-0.0135	0.0146	13966-31-9	PCI/G	U	0.0244	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.0162	0.0238	13982-78-0	PCI/G	U	0.0453	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-0.387	1.33	14269-74-0	PCI/G	U	2.49	10
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.0125	0.0666	13968-59-7	PCI/G	U	0.132	2.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Niobium-94	-0.0119	0.0117	14681-63-1	PCI/G	U	0.0198	1.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.014	0.0347	13967-76-5	PCI/G	U	0.0585	0.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Potassium-40	9.07	0.860	13966-00-2	PCI/G	U	0.235	1.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Promethium-144	-3.810E-05	0.013		PCI/G	U	0.024	0.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Promethium-146	-0.00667	0.0157		PCI/G	U	0.0271	1.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Radium-226	0.750	0.101	13982-63-3	PCI/G		0.045	1.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Radium-228	0.314	0.102	15262-20-1	PCI/G		0.0766	0.5
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.00	0.263	13967-48-1	PCI/G	UUU	0.213	0.8
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Silver-110m	-0.00246	0.013		PCI/G	U	0.0239	0.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Sodium-22	-0.00678	0.0155	13966-32-0	PCI/G	U	0.0278	0.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.0935	0.0287	14913-50-9	PCI/G		0.0268	0.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.750	0.101	14269-63-7	PCI/G		0.045	1.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Thorium-234	1.46	1.34	15065-10-8	PCI/G		1.04	2.0
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.0102	0.0196	13966-06-8	PCI/G	U	0.0341	0.1
SB29; 0-0.5 ft	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.0711	0.156	15117-96-1	PCI/G	U	0.153	0.9

SEAD-48
Soil Sampling Results
SDG 86840

Seneca Army Depot Activity

CFR RC	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL
	SB29; 0-0.5 ft	08/10/03	08/26/03	08/27/03	09/25/03	Uranium-238	1.46	1.34	7440-61-1	PCI/G		1.04
	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Uranium-238	0.00888	0.0168	13982-36-0	PCI/G	U	0.0342
	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Yttrium-88	-0.0237	0.0354	13982-39-3	PCI/G	U	0.0587
	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Zinc-65	0.0237	0.0331	13967-71-0	PCI/G	U	0.0649
	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.374	0.0564	7440-29-1	PCI/G	U	0.0357
	SAMPLE	08/10/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.901	0.157	13966-29-5	PCI/G	U	0.0885
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-234	0.159	0.107	14331-83-0	PCI/G		0.115
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.159	0.107	14331-83-0	PCI/G		0.115
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Americium-241	-0.0218	0.126	14596-10-2	PCI/G	U	0.199
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.0106	0.032	14683-10-4	PCI/G	U	0.0492
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Antimony-125	-0.0352	0.044	14234-35-6	PCI/G	U	0.0776
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Barium-133	0.00104	0.0233	13981-41-4	PCI/G	U	0.0361
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.417	0.905	14798-08-4	PCI/G	U	1.38
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.135	0.248	13966-02-4	PCI/G	U	0.464
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.116	0.168	14913-49-6	PCI/G	U	0.277
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.290	0.0736	14733-03-0	PCI/G	U	0.0587
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cerium-139	0.00726	0.018		PCI/G	U	0.033
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cerium-141	-0.0196	0.0737	13967-74-3	PCI/G	U	0.120
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cerium-144	0.00724	0.110	14762-78-8	PCI/G	U	0.202
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cesium-134	-0.00576	0.0249	13967-70-9	PCI/G	U	0.0377
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cesium-136	-0.108	0.362	14234-29-8	PCI/G	U	0.609
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.0721	0.0329	10045-97-3	PCI/G	U	0.0329
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.161	0.451	14392-02-0	PCI/G	U	0.772
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-56	-0.00252	0.0273		PCI/G	U	0.0477
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-57	0.00578	0.0151	13981-50-5	PCI/G	U	0.0254
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-58	-0.00987	0.0284	13981-38-9	PCI/G	U	0.0489
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.00727	0.0205	10198-40-0	PCI/G	U	0.0383
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0148	0.0506	14683-23-9	PCI/G	U	0.0864
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Europium-154	0.0686	0.0724	15585-10-1	PCI/G	U	0.137
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0245	0.0862	14391-16-3	PCI/G	U	0.107
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Iridium-192	0.0117	0.0244	14694-69-0	PCI/G	U	0.0435
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Iron-59	0.0016	0.077	14596-12-4	PCI/G	U	0.141
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Lead-210	0.00	9.06	14255-04-0	PCI/G	UUU	7.09
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Lead-212	0.797	0.104	15092-94-1	PCI/G		0.0513
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Lead-214	1.94	0.244	15067-28-4	PCI/G		0.0603
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.0193	0.0243	13966-31-9	PCI/G	U	0.0398
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Mercury-203	-0.0358	0.0358	13982-78-0	PCI/G	U	0.0599
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Neodymium-147	0.0615	2.38	14269-74-0	PCI/G	U	4.32
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.00121	0.128	13968-59-7	PCI/G	U	0.171
	SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.00121	0.128	13968-59-7	PCI/G	U	2.00

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRF RC
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Niobium-94	0.00103	0.0165	14681-63-1	PCI/G	U	0.0296	1.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.00	0.0872	13967-76-5	PCI/G	UUI	0.101	0.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Potassium-40	3.12	0.595	13966-00-2	PCI/G	U	0.973	1.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Promethium-144	-0.00831	0.019		PCI/G	U	0.0328	0.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.0152	0.0208		PCI/G	U	0.0394	1.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Radium-226	0.290	0.0736	13982-63-3	PCI/G		0.0587	1.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Radium-228	0.159	0.107	15262-20-1	PCI/G	U	0.115	0.5
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.0503	0.157	13967-48-1	PCI/G	U	0.288	0.8
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.00	0.0414		PCI/G	UUI	0.0562	0.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Sodium-22	0.0246	0.0263	13966-32-0	PCI/G	U	0.0497	0.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.044	0.0421	14913-50-9	PCI/G		0.0335	0.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.290	0.0736	14269-63-7	PCI/G		0.0587	1.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thorium-234	1.90	1.99	15065-10-8	PCI/G		1.55	2.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.00663	0.0285	13966-06-8	PCI/G	U	0.0484	0.1
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.0603	0.174	15117-96-1	PCI/G	U	0.195	0.5
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-238	1.90	1.99	7440-61-1	PCI/G		1.55	1.0
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Yttrium-88	-0.0333	0.0285	13982-36-0	PCI/G	U	0.0429	0.1
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Zinc-65	0.517	0.120	13982-39-3	PCI/G		0.101	0.3
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Zirconium-95	-0.0114	0.057	13967-71-0	PCI/G	U	0.0871	0.2
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.00	0.0991	7440-29-1	PCI/G	UUI	0.0488	0.5
SB30; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-234	0.00	0.290	13966-29-5	PCI/G	UUI	0.128	1.0
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Actinium-228	0.798	0.227	14331-83-0	PCI/G		0.193	0.8
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Americium-241	0.051	0.122	14596-10-2	PCI/G	U	0.201	0.2
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Antimony-124	-0.00422	0.0447	14683-10-4	PCI/G	U	0.0772	0.1
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Antimony-125	0.0102	0.0718	14234-35-6	PCI/G	U	0.129	0.2
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Barium-133	-0.0203	0.0492	13981-41-4	PCI/G	U	0.0524	0.1
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Barium-140	-0.785	1.21	14798-08-4	PCI/G	U	1.97	0.5
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Beryllium-7	-0.403	0.399	13966-02-4	PCI/G	U	0.646	0.7
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Bismuth-212	0.767	0.400	14913-49-6	PCI/G		0.370	0.5
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Bismuth-214	0.812	0.159	14733-03-0	PCI/G		0.094	0.2
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Cerium-139	-0.0131	0.0255		PCI/G	U	0.0425	0.0
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Cerium-141	0.0811	0.0899	13967-74-3	PCI/G	U	0.162	0.1
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Cerium-144	-0.082	0.158	14762-78-8	PCI/G	U	0.266	0.5
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Cesium-134	0.0588	0.0361	13967-70-9	PCI/G	U	0.0684	0.1
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Cesium-136	0.183	0.508	14234-29-8	PCI/G	U	0.945	0.3
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Cesium-137	0.173	0.0608	10045-97-3	PCI/G		0.0488	0.1
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Chromium-51	0.482	0.578	14392-02-0	PCI/G	U	1.09	0.6
SB31; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/23/03	Cobalt-56	-0.0246	0.0422		PCI/G	U	0.0725	0.1

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRF RC
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Cobalt-57	0.00348	0.0187	13981-50-5	PCI/G	U	0.033	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Cobalt-58	0.031	0.0431	13981-38-9	PCI/G	U	0.0833	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Cobalt-60	0.039	0.033	10198-40-0	PCI/G	U	0.0682	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Europium-152	-0.0507	0.0737	14683-23-9	PCI/G	U	0.126	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Europium-154	-0.102	0.104	15585-10-1	PCI/G	U	0.161	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Europium-155	0.0991	0.127	14391-16-3	PCI/G	U	0.125	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Iridium-192	-0.0149	0.0339	14694-69-0	PCI/G	U	0.0593	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Iron-59	-0.0446	0.127	14596-12-4	PCI/G	U	0.219	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Lead-210	0.907	3.14	14255-04-0	PCI/G	U	5.25	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Lead-212	0.976	0.132	15092-94-1	PCI/G	U	0.0698	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Lead-214	0.944	0.158	15067-28-4	PCI/G	U	0.0938	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Manganese-54	0.00113	0.0308	13966-31-9	PCI/G	U	0.0562	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Mercury-203	0.024	0.0491	13982-78-0	PCI/G	U	0.0852	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Neodymium-147	1.50	3.64	14269-74-0	PCI/G	U	6.58	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Neptunium-239	0.0437	0.129	13968-59-7	PCI/G	U	0.230	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Niobium-94	0.009	0.0265	14681-63-1	PCI/G	U	0.0474	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Potassium-95	0.085	0.0838	13967-76-5	PCI/G	U	0.142	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Potassium-40	18.7	1.91	13966-00-2	PCI/G	U	0.500	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Promethium-144	-0.00464	0.0274		PCI/G	U	0.047	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Promethium-146	-0.00474	0.0338		PCI/G	U	0.0592	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Radium-226	0.812	0.159	13982-63-3	PCI/G	U	0.094	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Radium-228	0.798	0.227	15262-20-1	PCI/G	U	0.193	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Ruthenium-106	-0.229	0.293	13967-48-1	PCI/G	U	0.397	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Silver-110m	-0.00635	0.0342		PCI/G	U	0.0508	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Sodium-22	-0.0374	0.0376	13966-32-0	PCI/G	U	0.0587	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Thallium-208	0.263	0.0665	14913-50-9	PCI/G	U	0.0494	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Thorium-230	0.812	0.159	14269-63-7	PCI/G	U	0.094	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Thorium-234	0.594	1.45	15065-10-8	PCI/G	U	1.65	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Tin-113	-0.00207	0.0398	13966-06-8	PCI/G	U	0.0708	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Uranium-235	0.042	0.155	15117-96-1	PCI/G	U	0.271	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Uranium-238	0.594	1.45	7440-61-1	PCI/G	U	1.65	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Yttrium-88	-0.0123	0.034	13982-36-0	PCI/G	U	0.0615	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Zinc-65	-0.0436	0.103	13982-39-3	PCI/G	U	0.149	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Zirconium-95	0.106	0.0886	13967-71-0	PCI/G	U	0.168	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Thorium-232	0.931	0.126	7440-29-1	PCI/G	U	0.0665	
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Uranium-234	0.978	0.221	13966-29-5	PCI/G	U	0.172	
SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.846	0.209	14331-83-0	PCI/G	U	0.149	
SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Americium-241	0.057	0.0971	14596-10-2	PCI/G	U	0.160	

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample	Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	RC
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.000884	0.0348	14683-10-4	PCI/G	U	0.0598	0.1
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Antimony-125	-0.0301	0.0549	14234-35-6	PCI/G	U	0.0933	0.2
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Barium-133	0.0128	0.027	13981-41-4	PCI/G	U	0.0436	0.1
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.105	0.968	14798-08-4	PCI/G	U	1.66	0.5
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.117	0.313	13966-02-4	PCI/G	U	0.556	0.7
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.768	0.310	14913-49-6	PCI/G	U	0.322	0.5
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.908	0.132	14733-03-0	PCI/G	U	0.0715	0.2
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cerium-139	-0.000509	0.0215	13967-74-3	PCI/G	U	0.0328	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.00	0.127	13967-74-3	PCI/G	UUI	0.115	0.1
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cerium-144	0.0801	0.123	14762-78-8	PCI/G	U	0.216	0.5
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.0633	0.0521	13967-70-9	PCI/G	U	0.0556	0.1
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cesium-136	0.123	0.405	14234-29-8	PCI/G	U	0.730	0.3
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.191	0.041	10045-97-3	PCI/G	U	0.0424	0.1
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.262	0.476	14392-02-0	PCI/G	U	0.824	0.6
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-56	0.0134	0.0327	13981-50-5	PCI/G	U	0.0579	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-2.860E-05	0.0153	13981-38-9	PCI/G	U	0.0265	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-58	0.00621	0.0346	13981-38-9	PCI/G	U	0.0626	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.035	0.0211	10198-40-0	PCI/G	U	0.0443	0.1
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0229	0.0559	14683-23-9	PCI/G	U	0.0969	0.2
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Europium-154	0.00284	0.0796	15885-10-1	PCI/G	U	0.140	0.5
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0212	0.0611	14391-16-3	PCI/G	U	0.108	0.5
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Iridium-192	0.0244	0.0266	14694-69-0	PCI/G	U	0.0492	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Iron-59	0.0187	0.122	14596-12-4	PCI/G	U	0.189	0.3
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Lead-210	1.84	2.48	14255-04-0	PCI/G	U	4.18	4.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Lead-212	0.996	0.122	15092-94-1	PCI/G	U	0.0552	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Lead-214	0.985	0.144	15067-28-4	PCI/G	U	0.0689	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.00476	0.025	13966-31-9	PCI/G	U	0.0453	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Mercury-203	-0.00635	0.0415	13982-78-0	PCI/G	U	0.0684	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Neodymium-147	0.315	2.55	14269-74-0	PCI/G	U	4.48	10.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Neptunium-239	-0.0955	0.104	13988-59-7	PCI/G	U	0.174	2.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Niobium-94	-0.018	0.0216	14681-63-1	PCI/G	U	0.0344	1.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.0859	0.0638	13967-76-5	PCI/G	U	0.107	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Potassium-40	20.7	1.71	13966-00-2	PCI/G	U	0.415	1.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Promethium-144	-0.00209	0.0231	13966-00-2	PCI/G	U	0.0391	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.0417	0.0312	13982-63-3	PCI/G	U	0.0476	1.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Radium-226	0.908	0.132	15262-20-1	PCI/G	U	0.0715	1.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Radium-228	0.846	0.209	13967-48-1	PCI/G	U	0.149	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.0563	0.215	13967-48-1	PCI/G	U	0.377	0.0

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CFR	RC
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.00225	0.0271		PC/G	U	0.0409	0.0	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Sodium-22	0.00115	0.029	13966-32-0	PC/G	U	0.0509	0.0	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.317	0.0628	14913-50-9	PC/G	U	0.0408	0.0	0.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.908	0.132	14269-63-7	PC/G	U	0.0715	1.0	2.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thorium-234	1.16	1.22	15065-10-8	PC/G	U	1.23	2.0	2.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.0539	0.0318	13966-06-8	PC/G	U	0.0503	0.1	0.5
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.00	0.251	15117-96-1	PC/G	UUI	0.218	0.5	1.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-238	1.16	1.22	7440-61-1	PC/G	U	1.23	1.0	1.0
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Yttrium-88	0.0151	0.0271	13982-36-0	PC/G	U	0.0551	0.1	0.1
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Zinc-65	-0.00572	0.072	13982-39-3	PC/G	U	0.108	0.3	0.3
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.0391	0.0681	13967-71-0	PC/G	U	0.120	0.2	0.2
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.950	0.117	7440-29-1	PC/G	U	0.0526	0.5	0.5
SB32; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-234	1.01	0.188	13966-29-5	PC/G	U	0.137	1.0	1.0
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.351	0.111	14331-83-0	PC/G	U	0.0843	0.8	0.8
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Americium-241	0.00242	0.0627	14596-10-2	PC/G	U	0.111	0.2	0.2
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Antimony-124	0.0118	0.0205	14683-10-4	PC/G	U	0.0389	0.1	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Antimony-125	-0.000417	0.0353	14234-35-6	PC/G	U	0.0664	0.2	0.2
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Barium-133	0.00633	0.0179	13981-41-4	PC/G	U	0.0307	0.1	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Barium-140	0.0748	0.532	14798-08-4	PC/G	U	0.995	0.7	0.7
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Beryllium-7	-0.0735	0.182	13966-02-4	PC/G	U	0.333	0.7	0.7
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.152	0.166	14913-49-6	PC/G	U	0.191	0.5	0.5
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Bismuth-214	1.22	0.160	14733-03-0	PC/G	U	0.0452	0.2	0.2
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cerium-139	-0.0102	0.0147		PC/G	U	0.0265	0.0	0.0
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.0487	0.0684	13967-74-3	PC/G	U	0.0955	0.1	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cerium-144	0.0454	0.0906	14762-78-8	PC/G	U	0.173	0.5	0.5
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.0175	0.0149	13967-70-9	PC/G	U	0.029	0.1	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cesium-136	-0.0759	0.206	14234-29-8	PC/G	U	0.374	0.3	0.3
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.134	0.0271	10045-97-3	PC/G	U	0.0245	0.1	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Chromium-51	0.0306	0.320	14392-02-0	PC/G	U	0.615	0.6	0.6
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-56	-0.00395	0.0183		PC/G	U	0.0323	0.1	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-0.00568	0.011	13981-50-5	PC/G	U	0.0205	0.0	0.0
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-58	-0.0144	0.0195	13981-38-9	PC/G	U	0.0329	0.1	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.0149	0.0138	10198-40-0	PC/G	U	0.0279	0.1	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Europium-152	0.0055	0.0403	14683-23-9	PC/G	U	0.0682	0.2	0.2
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Europium-154	-0.0106	0.041	15585-10-1	PC/G	U	0.0739	0.5	0.5
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0213	0.0429	14391-16-3	PC/G	U	0.0833	0.5	0.5
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Iridium-192	0.000189	0.0176	14694-69-0	PC/G	U	0.0337	0.1	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.0417	0.0506	14596-12-4	PC/G	U	0.0875	0.3	0.3

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CF/RC
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Lead-210	-0.885	1.65	14255-04-0	PCI/G	U	2.90	4.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Lead-212	0.456	0.0735	15092-94-1	PCI/G		0.0419	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Lead-214	1.50	0.196	15067-28-4	PCI/G		0.0495	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.00713	0.0145	13966-31-9	PCI/G	U	0.027	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Mercury-203	-0.0012	0.0232	13982-78-0	PCI/G	U	0.0448	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Neodymium-147	1.16	1.56	14269-74-0	PCI/G	U	3.00	100
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.0384	0.0756	13968-59-7	PCI/G	U	0.146	2.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Niobium-94	-0.00521	0.0115	14681-63-1	PCI/G	U	0.0202	1.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.0292	0.0392	13967-76-5	PCI/G	U	0.0656	1.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Potassium-40	8.33	1.01	13966-00-2	PCI/G	U	0.221	1.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.00731	0.0134		PCI/G	U	0.0251	0.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.0135	0.0162		PCI/G	U	0.0316	1.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Radium-226	1.22	0.160	13982-63-3	PCI/G		0.0452	1.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Radium-228	0.351	0.111	15262-20-1	PCI/G		0.0843	0.5
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.0392	0.121	13967-48-1	PCI/G	U	0.226	0.8
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Silver-110m	-0.0114	0.0153		PCI/G	U	0.0226	0.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Sodium-22	-0.00387	0.0149	13966-32-0	PCI/G	U	0.0269	0.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.114	0.0325	14913-50-9	PCI/G		0.0229	0.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thorium-230	1.22	0.160	14269-63-7	PCI/G		0.0452	1.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thorium-234	2.10	1.25	15065-10-8	PCI/G		0.943	2.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.011	0.0203	13966-06-8	PCI/G	U	0.0374	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.149	0.174	15117-96-1	PCI/G	U	0.174	0.5
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-238	2.10	1.25	7440-61-1	PCI/G		0.943	1.C
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Yttrium-88	-2.570E-05	0.0151	13982-36-0	PCI/G	U	0.0282	0.1
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Zinc-65	0.0184	0.0369	13982-39-3	PCI/G	U	0.0626	0.3
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.00963	0.0358	13967-71-0	PCI/G	U	0.0661	0.2
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.435	0.0701	7440-29-1	PCI/G		0.040	0.5
SB33; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-234	1.52	0.237	13966-29-5	PCI/G		0.101	1.C
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.491	0.147	14331-83-0	PCI/G		0.108	0.8
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Americium-241	0.0163	0.0215	14596-10-2	PCI/G	U	0.0401	0.2
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.00634	0.0243	14683-10-4	PCI/G	U	0.0435	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-125	-0.00699	0.0424	14234-35-6	PCI/G	U	0.0732	0.2
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-133	-0.0463	0.0219	13981-41-4	PCI/G	U	0.0326	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.307	0.689	14798-08-4	PCI/G	U	1.22	0.5
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.0912	0.322	13966-02-4	PCI/G	U	0.381	0.7
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.331	0.200	14913-49-6	PCI/G		0.232	0.5
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-214	1.31	0.194	14733-03-0	PCI/G		0.0509	0.2
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-139	0.00331	0.0137		PCI/G	U	0.0258	0.C

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

	Sample_Tyr	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CFR RQ
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.0801	0.0729	13967-74-3	PCI/G	U	0.0857	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-144	-0.0451	0.0776	14762-78-8	PCI/G	U	0.144	0.5
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.0253	0.0202	13967-70-9	PCI/G	U	0.0386	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-136	0.245	0.311	14234-29-8	PCI/G	U	0.541	0.3
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.153	0.0365	10045-97-3	PCI/G	U	0.0267	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Chromium-51	0.264	0.345	14392-02-0	PCI/G	U	0.638	0.6
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-56	0.0122	0.0242		PCI/G	U	0.0446	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-57	0.00304	0.00947	13981-50-5	PCI/G	U	0.0183	0.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-58	0.0141	0.0241	13981-38-9	PCI/G	U	0.0449	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.00279	0.0195	10198-40-0	PCI/G	U	0.0357	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0053	0.0421	14683-23-9	PCI/G	U	0.0741	0.2
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-154	-0.0141	0.0555	15585-10-1	PCI/G	U	0.0982	0.5
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0125	0.0375	14391-16-3	PCI/G	U	0.0665	0.5
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Iridium-192	-0.0137	0.0197	14694-69-0	PCI/G	U	0.0338	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Iron-59	0.0161	0.0826	14596-12-4	PCI/G	U	0.134	0.3
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-210	1.97	0.515	14255-04-0	PCI/G	U	0.307	4.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-212	0.559	0.0989	15092-94-1	PCI/G	U	0.0476	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-214	1.48	0.212	15067-28-4	PCI/G	U	0.0522	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Manganese-54	-0.00162	0.0194	13966-31-9	PCI/G	U	0.030	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.0247	0.0397	13982-78-0	PCI/G	U	0.0491	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-1.33	2.02	14269-74-0	PCI/G	U	3.55	100
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.0162	0.0626	13968-59-7	PCI/G	U	0.121	2.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-94	0.00404	0.0147	14681-63-1	PCI/G	U	0.027	1.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.030	0.0519	13967-76-5	PCI/G	U	0.0845	0.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Potassium-40	11.8	1.28	13966-00-2	PCI/G	U	0.264	1.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-144	-0.00685	0.0163		PCI/G	U	0.0284	0.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.0158	0.0178		PCI/G	U	0.0346	1.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-226	1.31	0.194	13982-63-3	PCI/G	U	0.0509	1.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-228	0.491	0.147	15262-20-1	PCI/G	U	0.108	0.5
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.00406	0.135	13967-48-1	PCI/G	U	0.248	0.8
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Silver-110m	-0.00329	0.0179		PCI/G	U	0.0281	0.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Sodium-22	-0.0052	0.0202	13966-32-0	PCI/G	U	0.0358	0.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.141	0.0452	14913-50-9	PCI/G	U	0.0295	0.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-230	1.31	0.194	14269-63-7	PCI/G	U	0.0509	1.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-234	1.45	0.528	15065-10-8	PCI/G	U	0.376	2.0
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.0156	0.0275	13966-06-8	PCI/G	U	0.041	0.1
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.170	0.154	15117-96-1	PCI/G	U	0.154	0.5
SB34; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-238	1.45	0.528	7440-61-1	PCI/G	U	0.376	1.0

**SEAD-48
Soil Sampling Results
SDG 86840**

Seneca Army Depot Activity

Sample Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_ Qual	MDL	CR	RQ
SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Yttrium-88	-0.000693	0.0191	13982-36-0	PCI/G	U	0.032	0.1	
SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zinc-65	0.00292	0.050	13982-39-3	PCI/G	U	0.0798	0.3	
SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.0277	0.0438	13967-71-0	PCI/G	U	0.0821	0.2	
SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.533	0.0943	7440-29-1	PCI/G		0.0454	0.5	
SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-234	1.48	0.255	13966-29-5	PCI/G		0.104	1.0	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.181	0.121	14331-83-0	PCI/G		0.112	0.8	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Americium-241	0.00481	0.0208	14596-10-2	PCI/G	U	0.0376	0.2	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Antimony-124	0.0019	0.0253	14683-10-4	PCI/G	U	0.048	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Antimony-125	0.0223	0.0386	14234-35-6	PCI/G	U	0.0734	0.2	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Barium-133	0.00169	0.0191	13981-41-4	PCI/G	U	0.0318	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Barium-140	0.0492	0.743	14798-08-4	PCI/G	U	1.34	0.5	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.100	0.207	13966-02-4	PCI/G	U	0.390	0.7	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.180	0.230	14913-49-6	PCI/G	U	0.262	0.5	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.429	0.101	14733-03-0	PCI/G		0.0555	0.2	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cerium-139	-0.00855	0.0133		PCI/G	U	0.0226	0.0	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.0302	0.0648	13967-74-3	PCI/G	U	0.0849	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cerium-144	-0.00834	0.0777	14762-78-8	PCI/G	U	0.140	0.5	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.00	0.0368	13967-70-9	PCI/G	UU	0.0418	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cesium-136	-0.285	0.310	14234-29-8	PCI/G	U	0.501	0.3	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.0596	0.0341	10045-97-3	PCI/G		0.0354	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.0143	0.346	14392-02-0	PCI/G	U	0.643	0.6	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-56	-0.0145	0.0244		PCI/G	U	0.0424	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-57	0.00405	0.00962	13981-50-5	PCI/G	U	0.0179	0.0	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-58	-0.00666	0.0247	13981-38-9	PCI/G	U	0.0447	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.00107	0.0171	10198-40-0	PCI/G	U	0.0328	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Europium-152	0.00687	0.0383	14683-23-9	PCI/G	U	0.0718	0.2	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Europium-154	0.0328	0.055	15585-10-1	PCI/G	U	0.109	0.5	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Europium-155	0.00315	0.0334	14391-16-3	PCI/G	U	0.0619	0.5	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Iridium-192	-0.00364	0.0184	14694-69-0	PCI/G	U	0.034	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Iron-59	0.0265	0.0738	14596-12-4	PCI/G	U	0.138	0.3	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Lead-210	1.00	0.481	14255-04-0	PCI/G		0.324	4.0	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Lead-212	0.330	0.0596	15092-94-1	PCI/G		0.0384	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Lead-214	0.474	0.095	15067-28-4	PCI/G		0.051	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Manganese-54	-0.00272	0.0196	13966-31-9	PCI/G	U	0.0355	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Mercury-203	-0.0141	0.0255	13982-78-0	PCI/G	U	0.0464	0.1	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-0.302	2.23	14269-74-0	PCI/G	U	3.94	100	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Neptunium-239	-0.00166	0.0638	13968-59-7	PCI/G	U	0.116	2.0	
SAMPLE	08/07/03	08/26/03	08/27/03	09/25/03	Niobium-94	0.00404	0.0157	14681-63-1	PCI/G	U	0.0299	1.0	

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
SB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.0213	0.0493	13967-76-5	PCI/G	U	0.084	0.08
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Potassium-40	7.16	0.950	13966-00-2	PCI/G	U	0.269	1.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.00727	0.0175		PCI/G	U	0.0335	0.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.00464	0.0205		PCI/G	U	0.034	1.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Radium-226	0.429	0.101	13982-63-3	PCI/G	U	0.0555	0.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Radium-228	0.181	0.121	15262-20-1	PCI/G	U	0.112	0.50
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	-0.0215	0.145	13967-48-1	PCI/G	U	0.272	0.80
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.0118	0.0188		PCI/G	U	0.0333	0.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Sodium-22	0.0119	0.020	13966-32-0	PCI/G	U	0.0398	0.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.0876	0.0302	14913-50-9	PCI/G	U	0.0335	0.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.429	0.101	14269-63-7	PCI/G	U	0.0555	1.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thorium-234	1.54	0.685	15065-10-8	PCI/G	U	0.360	2.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.0162	0.0218	13966-06-8	PCI/G	U	0.0378	0.10
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.0566	0.121	15117-96-1	PCI/G	U	0.144	0.10
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-238	1.54	0.685	7440-61-1	PCI/G	U	0.360	1.00
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Yttrium-88	-0.0104	0.0229	13982-36-0	PCI/G	U	0.0398	0.10
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Zinc-65	-0.00117	0.0484	13982-39-3	PCI/G	U	0.0759	0.30
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Zirconium-95	-0.0166	0.0498	13982-71-0	PCI/G	U	0.0898	0.20
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.314	0.0567	7440-29-1	PCI/G	U	0.0366	0.50
SBB35-1; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-234	0.582	0.138	13966-29-5	PCI/G	U	0.0862	1.00
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.554	0.134	14331-83-0	PCI/G	U	0.0819	0.10
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Americium-241	0.00	0.181	14596-10-2	PCI/G	UUJ	0.146	0.20
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Antimony-124	0.0154	0.0254	14683-10-4	PCI/G	U	0.0409	0.10
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Antimony-125	0.0323	0.0348	14234-35-6	PCI/G	U	0.0631	0.20
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Barium-133	0.00183	0.0191	13981-41-4	PCI/G	U	0.0294	0.10
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.244	0.603	14798-08-4	PCI/G	U	1.06	0.50
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.0352	0.183	13966-02-4	PCI/G	U	0.336	0.70
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.379	0.180	14913-49-6	PCI/G	U	0.174	0.50
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.584	0.104	14733-03-0	PCI/G	U	0.0478	0.20
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cerium-139	-0.00953	0.0153		PCI/G	U	0.0272	0.00
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.0648	0.064	13967-74-3	PCI/G	U	0.101	0.10
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cerium-144	0.0237	0.0945	14762-78-8	PCI/G	U	0.175	0.50
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.0298	0.0233	13967-70-9	PCI/G	U	0.0311	0.10
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cesium-136	-0.0588	0.257	14234-29-8	PCI/G	U	0.436	0.30
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.0361	0.0237	10045-97-3	PCI/G	U	0.0244	0.10
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.0103	0.348	14392-02-0	PCI/G	U	0.611	0.60
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-56	-0.00744	0.0187		PCI/G	U	0.032	0.10
SBB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-0.00561	0.0121	13981-50-5	PCI/G	U	0.0219	0.00

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-58	-0.00035	0.0223	13981-38-9	PCI/G	U	0.034	0.1
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Cobalt-60	-0.0045	0.0129	10198-40-0	PCI/G	U	0.0226	0.1
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0153	0.0394	14683-23-9	PCI/G	U	0.0675	0.2
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Europium-154	-0.0124	0.0444	15585-10-1	PCI/G	U	0.0777	0.5
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0291	0.0471	14391-16-3	PCI/G	U	0.0889	0.5
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Iridium-192	0.0144	0.0192	14694-69-0	PCI/G	U	0.0347	0.1
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Iron-59	0.0139	0.057	14596-12-4	PCI/G	U	0.100	0.3
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Lead-210	1.95	2.52	14255-04-0	PCI/G	U	4.63	4.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Lead-212	0.566	0.078	15092-94-1	PCI/G	U	0.042	0.1
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Lead-214	0.608	0.0958	15067-28-4	PCI/G	U	0.0512	0.1
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.0126	0.0126	13966-31-9	PCI/G	U	0.0236	0.1
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.0228	0.0278	13982-78-0	PCI/G	U	0.0504	0.1
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-0.269	1.77	14269-74-0	PCI/G	U	3.18	100
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Neptunium-239	-0.00263	0.0813	13968-59-7	PCI/G	U	0.150	2.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Niobium-94	-0.000172	0.0124	14681-63-1	PCI/G	U	0.022	1.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.0645	0.0433	13967-76-5	PCI/G	U	0.0675	0.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Potassium-40	13.3	1.46	13966-00-2	PCI/G	U	0.227	1.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.007	0.0139	13966-00-2	PCI/G	U	0.0253	0.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.00738	0.0194	13966-00-2	PCI/G	U	0.030	1.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Radium-226	0.584	0.104	13982-63-3	PCI/G	U	0.0478	1.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Radium-228	0.554	0.134	15262-20-1	PCI/G	U	0.0819	0.5
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	-0.0329	0.126	13967-48-1	PCI/G	U	0.222	0.8
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.0134	0.0154	13966-32-0	PCI/G	U	0.0255	0.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Sodium-22	-0.00456	0.0162	13966-32-0	PCI/G	U	0.0283	0.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.152	0.0355	14913-50-9	PCI/G	U	0.0244	0.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.584	0.104	14269-63-7	PCI/G	U	0.0478	1.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thorium-234	0.898	1.12	15065-10-8	PCI/G	U	1.10	2.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.0141	0.0213	13966-06-8	PCI/G	U	0.0357	0.1
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.166	0.123	15117-96-1	PCI/G	U	0.165	0.5
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-238	0.898	1.12	7440-61-1	PCI/G	U	1.10	1.0
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Yttrium-88	1.770E-05	0.0151	13982-36-0	PCI/G	U	0.0274	0.1
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Zinc-65	0.0193	0.0398	13982-39-3	PCI/G	U	0.0644	0.3
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.0254	0.0373	13967-71-0	PCI/G	U	0.0686	0.2
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.539	0.0743	7440-29-1	PCI/G	U	0.040	0.5
SB35-2; 0-0.5 ft	08/07/03	08/26/03	08/27/03	09/25/03	Uranium-234	0.741	0.134	13966-29-5	PCI/G	U	0.0894	1.0
SB36; 0/2-4 ft	08/11/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.781	0.284	14331-83-0	PCI/G	U	0.213	0.8
SB36; 0/2-4 ft	08/11/03	08/26/03	08/27/03	09/25/03	Americium-241	-0.00389	0.0746	14596-10-2	PCI/G	U	0.115	0.2
SB36; 0/2-4 ft	08/11/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.0076	0.0562	14683-10-4	PCI/G	U	0.0834	0.1

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample	Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRF
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Antimony-125	-0.0382	0.0754	14234-35-6	PCI/G	U	0.128	0.2
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Barium-133	0.0389	0.0368	13981-41-4	PCI/G	U	0.0614	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Barium-140	0.132	1.21	14798-08-4	PCI/G	U	2.12	0.5
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Beryllium-7	-0.0528	0.424	13966-02-4	PCI/G	U	0.733	0.7
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.830	0.448	14913-49-6	PCI/G	U	0.449	0.5
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.766	0.176	14733-03-0	PCI/G	U	0.104	0.2
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cerium-139	-0.0131	0.0284		PCI/G	U	0.0466	0.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.0851	0.084	13967-74-3	PCI/G	U	0.159	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cerium-144	0.109	0.185	14762-78-8	PCI/G	U	0.319	0.5
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.0483	0.0519	13967-70-9	PCI/G	U	0.0734	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cesium-136	-0.0864	0.512	14234-29-8	PCI/G	U	0.900	0.3
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.0664	0.0578	10045-97-3	PCI/G	U	0.0578	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.145	0.642	14392-02-0	PCI/G	U	1.12	0.6
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-56	-0.0498	0.0447		PCI/G	U	0.0726	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-0.00612	0.0221	13981-50-5	PCI/G	U	0.037	0.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-58	-0.0163	0.0437	13981-38-9	PCI/G	U	0.0768	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.00403	0.0356	10198-40-0	PCI/G	U	0.0647	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0449	0.0804	14683-23-9	PCI/G	U	0.137	0.2
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Europium-154	0.0869	0.107	15585-10-1	PCI/G	U	0.206	0.5
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Europium-155	0.045	0.0834	14391-16-3	PCI/G	U	0.145	0.5
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Iridium-192	0.0113	0.0354	14694-69-0	PCI/G	U	0.0636	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.105	0.120	14596-12-4	PCI/G	U	0.194	0.3
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Lead-210	0.452	1.14	14255-04-0	PCI/G	U	1.35	4.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Lead-212	0.735	0.124	15092-94-1	PCI/G	U	0.0812	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Lead-214	0.837	0.156	15067-28-4	PCI/G	U	0.100	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.0214	0.0377	13966-31-9	PCI/G	U	0.0702	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.0292	0.0508	13982-78-0	PCI/G	U	0.0921	0.1
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-1.33	4.03	14269-74-0	PCI/G	U	5.90	10.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.00602	0.154	13968-59-7	PCI/G	U	0.262	2.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Niobium-94	-0.00749	0.0315	14681-63-1	PCI/G	U	0.0529	1.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.0826	0.0914	13967-76-5	PCI/G	U	0.155	0.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Potassium-40	17.4	2.06	13966-00-2	PCI/G	U	0.505	1.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.0126	0.0332		PCI/G	U	0.0587	0.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Promethium-146	-0.00816	0.0385		PCI/G	U	0.0662	1.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Radium-226	0.766	0.176	13982-63-3	PCI/G	U	0.104	1.0
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Radium-228	0.781	0.284	15262-20-1	PCI/G	U	0.213	0.5
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	-0.0545	0.289	13967-48-1	PCI/G	U	0.493	0.8
SB36; 0/2-4 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.0182	0.0385		PCI/G	U	0.0609	0.0

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Tyf	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR	RC
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Sodium-22	0.0314	0.0389	13966-32-0	PCI/G	U	0.0748	0.0	0.0748
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.249	0.0765	14913-50-9	PCI/G	U	0.062	0.0	0.062
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.766	0.176	14269-63-7	PCI/G	U	0.104	1.0	0.104
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thorium-234	1.50	1.38	15065-10-8	PCI/G	U	1.06	2.0	1.06
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.00542	0.052	13966-06-8	PCI/G	U	0.0793	0.1	0.0793
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.193	0.174	15117-96-1	PCI/G	U	0.289	0.5	0.289
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Uranium-238	1.50	1.38	7440-61-1	PCI/G	U	1.06	1.0	1.06
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Yttrium-88	0.00743	0.036	13982-36-0	PCI/G	U	0.0724	0.1	0.0724
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Zinc-65	-0.00861	0.0962	13982-39-3	PCI/G	U	0.147	0.3	0.147
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.0678	0.0825	13967-71-0	PCI/G	U	0.159	0.2	0.159
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.702	0.118	7440-29-1	PCI/G	U	0.0776	0.5	0.0776
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Uranium-234	0.681	0.220	13966-29-5	PCI/G	U	0.195	1.0	0.195
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.914	0.207	14331-83-0	PCI/G	U	0.111	0.8	0.111
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Americium-241	-0.0137	0.0611	14596-10-2	PCI/G	U	0.107	0.2	0.107
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.0217	0.0268	14683-10-4	PCI/G	U	0.0451	0.1	0.0451
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Antimony-125	-0.00768	0.046	14234-35-6	PCI/G	U	0.0777	0.2	0.0777
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Barium-133	-0.00684	0.0237	13981-41-4	PCI/G	U	0.0353	0.1	0.0353
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.0506	0.640	14798-08-4	PCI/G	U	1.07	0.5	1.07
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.195	0.292	13966-02-4	PCI/G	U	0.387	0.7	0.387
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.593	0.244	14913-49-6	PCI/G	U	0.245	0.5	0.245
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.711	0.112	14733-03-0	PCI/G	U	0.0593	0.2	0.0593
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cerium-139	-0.00894	0.0188		PCI/G	U	0.0309	0.0	0.0309
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.031	0.0785	13967-74-3	PCI/G	U	0.105	0.1	0.105
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cerium-144	0.0539	0.114	14762-78-8	PCI/G	U	0.195	0.5	0.195
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.0316	0.0312	13967-70-9	PCI/G	U	0.0376	0.1	0.0376
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cesium-136	0.109	0.286	14234-29-8	PCI/G	U	0.496	0.3	0.496
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.139	0.0318	10045-97-3	PCI/G	U	0.0305	0.1	0.0305
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Chromium-51	0.154	0.393	14392-02-0	PCI/G	U	0.692	0.6	0.692
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-56	0.0224	0.0247		PCI/G	U	0.0449	0.1	0.0449
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-57	0.00204	0.0141	13981-50-5	PCI/G	U	0.0241	0.0	0.0241
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-58	0.0135	0.0238	13981-38-9	PCI/G	U	0.0427	0.1	0.0427
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Cobalt-60	-0.00684	0.0192	10198-40-0	PCI/G	U	0.0328	0.1	0.0328
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0358	0.0471	14683-23-9	PCI/G	U	0.0783	0.2	0.0783
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Europium-154	-0.0149	0.0731	15585-10-1	PCI/G	U	0.108	0.5	0.108
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0795	0.0775	14391-16-3	PCI/G	U	0.0902	0.5	0.0902
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Iridium-192	0.00198	0.0255	14694-69-0	PCI/G	U	0.0391	0.1	0.0391
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.00852	0.0752	14596-12-4	PCI/G	U	0.126	0.3	0.126
SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Lead-210	0.378	1.86	14255-04-0	PCI/G	U	2.31	4.0	2.31

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRF	RC
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Lead-212	0.915	0.111	15092-94-1	PCI/G		0.0502	0.1	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Lead-214	0.864	0.120	15067-28-4	PCI/G		0.0583	0.1	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Manganese-54	-0.00467	0.0203	13966-31-9	PCI/G	U	0.0344	0.1	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.0147	0.0327	13982-78-0	PCI/G	U	0.0578	0.1	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Neodymium-147	1.87	1.82	14269-74-0	PCI/G	U	3.22	100	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Neptunium-239	-0.101	0.0978	13968-59-7	PCI/G	U	0.161	2.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Niobium-94	0.0242	0.0249	14681-63-1	PCI/G	U	0.0294	1.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.0212	0.0615	13967-76-5	PCI/G	U	0.0816	0.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Potassium-40	22.1	1.79	13966-00-2	PCI/G		0.270	1.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.0167	0.0186		PCI/G	U	0.0336	0.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.0115	0.0224		PCI/G	U	0.0389	1.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Radium-226	0.711	0.112	13982-63-3	PCI/G		0.0593	1.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Radium-228	0.914	0.207	15262-20-1	PCI/G		0.111	0.5	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.0565	0.165	13967-48-1	PCI/G	U	0.295	0.8	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.0123	0.019		PCI/G	U	0.0306	0.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Sodium-22	-0.0055	0.0266	13966-32-0	PCI/G	U	0.0392	0.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.235	0.0498	14913-50-9	PCI/G		0.0291	0.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.711	0.112	14269-63-7	PCI/G		0.0593	1.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thorium-234	1.37	1.00	15065-10-8	PCI/G		0.918	2.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Tin-113	0.00289	0.0269	13966-06-8	PCI/G	U	0.0463	0.1	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.0642	0.162	15117-96-1	PCI/G	U	0.198	0.5	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Uranium-238	1.37	1.00	7440-81-1	PCI/G		0.918	1.0	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Yttrium-88	0.0172	0.0204	13982-36-0	PCI/G	U	0.0351	0.1	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Zinc-65	0.0373	0.0265	13982-39-3	PCI/G	U	0.0779	0.3	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.0309	0.054	13967-71-0	PCI/G	U	0.0851	0.2	
SB36; 0-0.5 ft	SAMPLE	08/11/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.874	0.106	7440-29-1	PCI/G		0.048	0.5	
SB36; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-234	0.882	0.165	13966-29-5	PCI/G		0.118	1.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.973	0.207	14331-83-0	PCI/G		0.139	0.8	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Americium-241	0.00286	0.081	14596-10-2	PCI/G	U	0.151	0.2	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.0218	0.0306	14683-10-4	PCI/G	U	0.0524	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Antimony-125	0.017	0.0556	14234-35-6	PCI/G	U	0.0964	0.2	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Barium-133	0.00704	0.0258	13981-41-4	PCI/G	U	0.0403	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.236	0.820	14798-08-4	PCI/G	U	1.45	0.5	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.119	0.272	13966-02-4	PCI/G	U	0.506	0.7	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.633	0.267	14913-49-6	PCI/G		0.278	0.5	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.836	0.130	14733-03-0	PCI/G		0.0696	0.2	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cerium-139	0.00458	0.018	14733-03-0	PCI/G	U	0.0324	0.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.018	0.0687	13967-74-3	PCI/G	U	0.115	0.1	

SEAD-48
Soil Sampling Results
SDG 86840
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Sample	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR	RC
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cerium-144	0.0379	0.115	14762-78-8	PCI/G	U	0.209	0.5	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.035	0.0341	13967-70-9	PCI/G	U	0.0516	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cesium-136	0.00738	0.364	14234-29-8	PCI/G	U	0.636	0.3	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.0435	0.0285	10045-97-3	PCI/G	U	0.0325	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Chromium-51	0.0168	0.481	14392-02-0	PCI/G	U	0.832	0.6	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-56	-0.00786	0.0301		PCI/G	U	0.0522	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-0.00242	0.014	13981-50-5	PCI/G	U	0.0251	0.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-58	0.00509	0.0314	13981-38-9	PCI/G	U	0.0565	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.00176	0.0229	10198-40-0	PCI/G	U	0.0424	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.00607	0.054	14683-23-9	PCI/G	U	0.0923	0.2	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Europium-154	-0.0244	0.0723	15585-10-1	PCI/G	U	0.128	0.5	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Europium-155	0.079	0.0585	14391-16-3	PCI/G	U	0.110	0.5	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Iridium-192	8.110E-05	0.0242	14694-69-0	PCI/G	U	0.0419	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.0472	0.0997	14596-12-4	PCI/G	U	0.166	0.3	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Lead-210	1.53	2.18	14255-04-0	PCI/G	U	3.82	4.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Lead-212	1.11	0.138	15092-94-1	PCI/G	U	0.0564	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Lead-214	0.975	0.150	15067-28-4	PCI/G	U	0.0621	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.0174	0.0206	13966-31-9	PCI/G	U	0.0398	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.00	0.047	13982-78-0	PCI/G	UUJ	0.0622	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-0.916	2.20	14269-74-0	PCI/G	U	3.90	10.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.0285	0.102	13968-59-7	PCI/G	U	0.187	2.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Niobium-94	-0.0135	0.0198	14681-63-1	PCI/G	U	0.0335	1.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.0181	0.0976	13967-76-5	PCI/G	U	0.0799	0.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Potassium-40	23.9	2.56	13966-00-2	PCI/G	U	0.348	1.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Promethium-144	-0.00236	0.0219		PCI/G	U	0.0387	0.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Promethium-146	-0.00523	0.0239		PCI/G	U	0.0431	1.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Radium-226	0.836	0.130	13982-63-3	PCI/G	U	0.0696	1.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Radium-228	0.973	0.207	15262-20-1	PCI/G	U	0.139	0.5	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	-0.0628	0.186	13967-48-1	PCI/G	U	0.327	0.8	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Silver-110m	-0.00145	0.0225		PCI/G	U	0.0354	0.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Sodium-22	-0.00848	0.0264	13966-32-0	PCI/G	U	0.0468	0.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.322	0.0577	14913-50-9	PCI/G	U	0.0388	0.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.836	0.130	14269-63-7	PCI/G	U	0.0696	1.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thorium-234	0.585	1.05	15065-10-8	PCI/G	U	1.24	2.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.014	0.0318		PCI/G	U	0.0528	0.1	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.0451	0.171	13966-06-8	PCI/G	U	0.209	0.5	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-238	0.585	1.05	15117-96-1	PCI/G	U	1.24	1.0	
SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Yttrium-88	0.00373	0.0233	13982-36-0	PCI/G	U	0.0452	0.1	

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Soil Sampling Results
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Sample	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR	RC
9-SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Zinc-65	-0.0465	0.0622	13982-39-3	PCI/G	U	0.101	0.3	
9-SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Zincium-95	0.0482	0.0584	13967-71-0	PCI/G	U	0.109	0.2	
9-SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Thorium-232	1.06	0.131	7440-29-1	PCI/G		0.0537	0.5	
9-SB37; 0-0.5 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/25/03	Uranium-234	0.979	0.206	13966-29-5	PCI/G		0.111	1.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neptunium-239	-0.00657	0.140	13968-59-7	PCI/G	U	0.259	2.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-94	0.00959	0.0232	14681-63-1	PCI/G	U	0.0425	1.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.0552	0.0667	13967-76-5	PCI/G	U	0.111	0.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Potassium-40	19.0	1.56	13966-00-2	PCI/G		0.378	1.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.00237	0.0235			U	0.0425	0.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.0115	0.0308			U	0.0515	1.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-226	0.932	0.139	13982-63-3	PCI/G		0.0701	1.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-228	1.03	0.200	15262-20-1	PCI/G		0.151	0.5	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	-0.0353	0.210	13967-48-1	PCI/G	U	0.376	0.8	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Silver-110m	-0.00438	0.0268			U	0.0415	0.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Sodium-22	0.0129	0.0294			U	0.0534	0.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.254	0.0553	13966-32-0	PCI/G	U	0.0433	0.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.932	0.139	14913-50-9	PCI/G		0.0701	1.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-234	0.682	0.185	14269-63-7	PCI/G	U	0.281	0.5	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Tin-113	0.0101	0.038	15065-10-8	PCI/G	U	0.0673	0.1	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.0692	0.152	13966-06-8	PCI/G	U	0.281	0.5	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-238	0.682	1.85	15117-96-1	PCI/G	U	0.281	0.5	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Yttrium-88	-5.550E-06	0.025	7440-61-1	PCI/G	U	2.28	1.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zinc-65	-0.0526	0.0858	13982-36-0	PCI/G	U	0.0472	0.1	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.0447	0.0649	13982-39-3	PCI/G	U	0.120	0.3	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Actinium-228	1.03	0.200	13967-71-0	PCI/G	U	0.122	0.2	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Americium-241	-0.0514	0.201	14331-83-0	PCI/G		0.151	0.8	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.00616	0.0351	14596-10-2	PCI/G	U	0.313	0.2	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-125	0.0052	0.0616	14683-10-4	PCI/G	U	0.0629	0.1	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-133	0.009	0.0308	14234-35-6	PCI/G	U	0.108	0.2	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.506	0.934	13981-41-4	PCI/G	U	0.0486	0.1	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Beryllium-7	-0.10	0.326	14798-08-4	PCI/G	U	1.63	0.5	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.762	0.265	13966-02-4	PCI/G	U	0.554	0.7	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.932	0.139	14913-49-6	PCI/G		0.317	0.5	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-139	0.003	0.0253	14733-03-0	PCI/G	U	0.0701	0.2	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.0741	0.102	13967-74-3	PCI/G	U	0.0462	0.0	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-144	-0.0838	0.163	14762-78-8	PCI/G	U	0.169	0.1	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.047	0.0372	13967-70-9	PCI/G	U	0.0533	0.1	
-SB38; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-136	0.276	0.457	14234-29-8	PCI/G	U	0.837	0.3	

SEAD-48
Soil Sampling Results
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Sample_Typ	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.0242	0.0319	10045-97-3	PCI/G	U	0.0429	0.1
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.33	0.598	14392-02-0	PCI/G	U	1.03	0.6
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-56	0.0248	0.0332		PCI/G	U	0.0625	0.1
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-57	0.00077	0.0196	13981-50-5	PCI/G	U	0.0362	0.0
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-58	-0.0278	0.0341	13981-38-9	PCI/G	U	0.0572	0.1
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.0014	0.026	10198-40-0	PCI/G	U	0.0479	0.1
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.018	0.0706	14683-23-9	PCI/G	U	0.122	0.2
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Europium-154	0.0353	0.0808	15585-10-1	PCI/G	U	0.147	0.5
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Europium-155	0.00	0.162	14391-16-3	PCI/G	UUU	0.142	0.5
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Iridium-192	-0.0312	0.0336	14694-69-0	PCI/G	U	0.0565	0.1
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.025	0.106	14596-12-4	PCI/G	U	0.181	0.3
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Lead-210	4.36	7.86	14255-04-0	PCI/G	U	12.9	4.0
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Lead-212	0.994	0.118	15092-94-1	PCI/G		0.0739	0.1
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Lead-214	1.20	0.163	15067-28-4	PCI/G		0.0813	0.1
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.0362	0.0348	13966-31-9	PCI/G	U	0.0465	0.1
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.0445	0.0465	13982-78-0	PCI/G	U	0.0857	0.1
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-1.12	2.91	14269-74-0	PCI/G	U	5.18	100
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.947	0.112	7440-29-1	PCI/G		0.0704	0.5
-SB38; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-234	1.26	0.205	13966-29-5	PCI/G		0.151	1.0
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.608	0.160	14331-83-0	PCI/G		0.117	0.8
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Americium-241	0.0965	0.136	14596-10-2	PCI/G	U	0.127	0.2
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-124	0.00176	0.026	14683-10-4	PCI/G	U	0.0473	0.1
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-125	0.0203	0.0423	14234-35-6	PCI/G	U	0.0806	0.2
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Barium-133	-0.0034	0.0224	13981-41-4	PCI/G	U	0.0344	0.1
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Barium-140	-0.0565	0.686	14798-08-4	PCI/G	U	1.26	0.5
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Beryllium-7	-0.0559	0.235	13966-02-4	PCI/G	U	0.428	0.7
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.686	0.299	14913-49-6	PCI/G		0.245	0.5
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.835	0.127	14733-03-0	PCI/G		0.055	0.2
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-139	0.00445	0.016		PCI/G	U	0.0296	0.0
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-141	-0.028	0.0587	13967-74-3	PCI/G	U	0.107	0.1
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-144	-0.108	0.0987	14762-78-8	PCI/G	U	0.174	0.5
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.0239	0.0324	13967-70-9	PCI/G	U	0.0408	0.1
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-136	-0.0643	0.291	14234-29-8	PCI/G	U	0.528	0.3
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.134	0.0383	10045-97-3	PCI/G		0.0337	0.1
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.359	0.389	14392-02-0	PCI/G	U	0.647	0.6
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-56	-0.0207	0.025		PCI/G	U	0.0409	0.1
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-0.00616	0.0119	13981-50-5	PCI/G	U	0.0219	0.0
-SB39; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.0266	0.0214	10198-40-0	PCI/G	U	0.0427	0.1

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

	Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR	RC
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Eurprium-152	-0.023	0.0506	14683-23-9	PCI/G	U	0.076	0.276	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Eurprium-154	-0.0136	0.0596	15585-10-1	PCI/G	U	0.106	0.5	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Eurprium-155	0.0569	0.0481	14391-16-3	PCI/G	U	0.0938	0.5	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	iridium-192	0.0323	0.0217	14694-69-0	PCI/G	U	0.041	0.1	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.0866	0.0761	14596-12-4	PCI/G	U	0.126	0.3	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-210	3.35	3.56	14255-04-0	PCI/G	U	3.19	4.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-212	0.919	0.116	15092-94-1	PCI/G	U	0.0467	0.1	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-214	1.01	0.140	15067-28-4	PCI/G	U	0.054	0.1	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Manganese-54	-0.00368	0.0204	13966-31-9	PCI/G	U	0.0356	0.1	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.0475	0.0512	13982-78-0	PCI/G	U	0.0561	0.1	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-0.261	1.97	14269-74-0	PCI/G	U	3.60	100	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.0725	0.0795	13968-59-7	PCI/G	U	0.154	2.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-94	-0.00139	0.0183	14681-63-1	PCI/G	U	0.0285	1.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-95	-0.0124	0.052	13967-76-5	PCI/G	U	0.079	0.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Potassium-40	16.2	1.91	13966-00-2	PCI/G	U	0.310	1.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.0139	0.0183	13982-63-3	PCI/G	U	0.0342	0.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.00855	0.0205	15262-20-1	PCI/G	U	0.0387	1.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-226	0.835	0.127	13967-48-1	PCI/G	U	0.055	1.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-228	0.608	0.160	13967-48-1	PCI/G	U	0.117	0.5	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.0258	0.152	13967-48-1	PCI/G	U	0.279	0.8	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.0124	0.0193	13966-32-0	PCI/G	U	0.0325	0.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Sodium-22	-0.00484	0.0217	14913-50-9	PCI/G	U	0.0386	0.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.286	0.0544	14269-63-7	PCI/G	U	0.030	0.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.835	0.127	15065-10-8	PCI/G	U	0.055	1.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-234	2.22	1.46	13966-06-8	PCI/G	U	1.05	2.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.00157	0.027	15117-96-1	PCI/G	U	0.0467	0.1	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.0796	0.0968	7440-61-1	PCI/G	U	1.05	1.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-238	2.22	1.46	13982-36-0	PCI/G	U	0.0395	0.1	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Yttrium-88	0.00554	0.0204	13982-39-3	PCI/G	U	0.0824	0.3	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zinc-65	-0.0325	0.0556	13967-71-0	PCI/G	U	0.0848	0.2	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.0176	0.046	13981-38-9	PCI/G	U	0.0456	0.1	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-58	-0.00126	0.0294	7440-29-1	PCI/G	U	0.0445	0.5	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.875	0.111	13966-29-5	PCI/G	U	0.110	1.0	0.1
-SB39; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-234	1.04	0.185	14331-83-0	PCI/G	U	0.096	0.8	0.1
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Actinium-228	0.798	0.167	14596-10-2	PCI/G	U	0.159	0.2	0.1
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Americium-241	0.0197	0.094	14683-10-4	PCI/G	U	0.0433	0.1	0.1
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-124	0.00669	0.023	14234-35-6	PCI/G	U	0.0716	0.2	0.1
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-125	0.0109	0.0399		PCI/G	U	0.0716	0.2	0.1

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-133	-0.00207	0.0206	13981-41-4	PCI/G	U	0.0325	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-140	0.104	0.620	14798-08-4	PCI/G	U	1.17	0.5
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Beryllium-7	0.0248	0.213	13966-02-4	PCI/G	U	0.376	0.5
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.303	0.176	14913-49-6	PCI/G		0.227	0.5
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-214	0.658	0.102	14733-03-0	PCI/G		0.0568	0.2
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-139	0.0268	0.0271		PCI/G	U	0.0271	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.0384	0.0531	13967-74-3	PCI/G	U	0.102	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-144	-0.0109	0.0932	14762-78-8	PCI/G	U	0.176	0.5
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.031	0.0312	13967-70-9	PCI/G	U	0.0403	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-136	-0.291	0.367	14234-29-8	PCI/G	U	0.506	0.3
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-137	-0.00633	0.0159	10045-97-3	PCI/G	U	0.0283	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Chromium-51	0.220	0.356	14392-02-0	PCI/G	U	0.661	0.6
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-56	0.00609	0.0227		PCI/G	U	0.0419	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-0.00353	0.0116	13981-50-5	PCI/G	U	0.0219	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-58	0.00	0.0915	13981-38-9	PCI/G	UUI	0.0425	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-60	-0.00323	0.0178	10198-40-0	PCI/G	U	0.0324	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0196	0.0424	14683-23-9	PCI/G	U	0.0736	0.2
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-154	-0.0441	0.0658	15585-10-1	PCI/G	U	0.0961	0.3
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0648	0.0774	14391-16-3	PCI/G	U	0.0857	0.3
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Iridium-192	-0.00462	0.0199	14694-69-0	PCI/G	U	0.0353	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.00723	0.0731	14596-12-4	PCI/G	U	0.127	0.3
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-210	2.22	3.49	14255-04-0	PCI/G	U	6.13	4.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-212	0.787	0.0904	15092-94-1	PCI/G		0.0497	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-214	0.652	0.103	15067-28-4	PCI/G		0.0526	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.0111	0.018	13966-31-9	PCI/G	U	0.0338	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.00	0.0583	13982-78-0	PCI/G	UUI	0.0491	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neodymium-147	0.787	1.79	14269-74-0	PCI/G	U	3.44	10.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neptunium-239	-0.0619	0.0798	13968-59-7	PCI/G	U	0.148	2.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-94	-0.0131	0.0152	14681-63-1	PCI/G	U	0.0221	1.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.0385	0.0432	13967-76-5	PCI/G	U	0.0748	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Potassium-40	16.6	1.41	13966-00-2	PCI/G		0.319	1.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-144	-0.00678	0.0154		PCI/G	U	0.0273	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-146	-0.00544	0.0194		PCI/G	U	0.0333	1.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-226	0.658	0.102	13982-63-3	PCI/G		0.0568	1.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-228	0.798	0.167	15262-20-1	PCI/G		0.096	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.110	0.140	13967-48-1	PCI/G	U	0.271	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.00621	0.0164		PCI/G	U	0.0308	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Sodium-22	-0.0161	0.0239	13966-32-0	PCI/G	U	0.035	0.0

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

	Sample Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_ Qual	MDL	CR	RQ
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.252	0.0464	14913-50-9	PCI/G	U	0.029	0.0	0.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-234	1.34	1.46	15065-10-8	PCI/G	U	1.22	2.0	2.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.0127	0.0244	13966-06-8	PCI/G	U	0.0418	0.1	0.1
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.0304	0.0874	15117-96-1	PCI/G	U	0.166	0.5	0.5
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-238	1.34	1.46	7440-61-1	PCI/G	U	1.22	1.0	1.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Yttrium-88	0.00179	0.016	13982-36-0	PCI/G	U	0.0314	0.1	0.1
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zinc-65	-0.0149	0.0486	13982-39-3	PCI/G	U	0.0825	0.3	0.3
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.00901	0.0444	13967-71-0	PCI/G	U	0.0818	0.2	0.2
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-230	0.658	0.102	14269-63-7	PCI/G	U	0.0568	1.0	1.0
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-232	0.750	0.0861	7440-29-1	PCI/G	U	0.0473	0.5	0.5
-SB40; 0.5-2 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-234	0.845	0.145	13966-29-5	PCI/G	U	0.105	1.0	1.0
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-140	0.309	1.32	14798-08-4	PCI/G	U	2.06	0.5	0.5
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Beryllium-7	-0.103	0.369	13966-02-4	PCI/G	U	0.647	0.7	0.7
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.816	0.323	14913-49-6	PCI/G	U	0.357	0.5	0.5
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-214	6.07	0.766	14733-03-0	PCI/G	U	0.0815	0.2	0.2
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-139	0.0184	0.0335		PCI/G	U	0.0928	0.0	0.0
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.00	0.125	13967-74-3	PCI/G	UUJ	0.189	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-144	-0.0424	0.206	14762-78-8	PCI/G	U	0.323	0.5	0.5
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.00	0.0404	13967-70-9	PCI/G	UUJ	0.0576	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-136	0.0526	0.467	14234-29-8	PCI/G	U	0.837	0.3	0.3
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.218	0.0514	10045-97-3	PCI/G	U	0.0441	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.333	0.683	14392-02-0	PCI/G	U	1.13	0.6	0.6
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-56	0.022	0.0396		PCI/G	U	0.0698	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-0.0072	0.0227	13981-50-5	PCI/G	U	0.0399	0.0	0.0
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-58	-0.0343	0.0478	13981-38-9	PCI/G	U	0.0675	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-60	0.00285	0.0288	10198-40-0	PCI/G	U	0.0513	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0465	0.0759	14683-23-9	PCI/G	U	0.134	0.2	0.2
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-154	0.00691	0.0893	15585-10-1	PCI/G	U	0.158	0.5	0.5
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0768	0.088	14391-16-3	PCI/G	U	0.160	0.5	0.5
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Iridium-192	0.00667	0.0385	14694-69-0	PCI/G	U	0.0652	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.00224	0.110	14596-12-4	PCI/G	U	0.195	0.3	0.3
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-210	2.09	5.57	14255-04-0	PCI/G	U	6.09	4.0	4.0
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-212	1.06	0.141	15092-94-1	PCI/G	U	0.0767	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-214	7.56	0.865	15067-28-4	PCI/G	U	0.0961	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.021	0.0242	13966-31-9	PCI/G	U	0.0523	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.00185	0.0563	13982-78-0	PCI/G	U	0.0953	0.1	0.1
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neodymium-147	4.11	3.68	14269-74-0	PCI/G	U	6.02	10.0	10.0
-SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neptunium-239	-0.0945	0.153	13968-59-7	PCI/G	U	0.268	2.0	2.0

SEAD-48
Soil Sampling Results
SDG 86840

Seneca Army Depot Activity

Sample	Tyr	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-94	0.0285	0.0248	14681-63-1	PCI/G	U	0.0448	1.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.00	0.0861	13967-76-5	PCI/G	UUI	0.143	0.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Potassium-40	19.6	2.09	13966-00-2	PCI/G		0.452	1.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.0127	0.0255		PCI/G	U	0.0452	0.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.0232	0.0331		PCI/G	U	0.0602	1.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-226	6.07	0.766	13982-63-3	PCI/G		0.0815	1.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-228	1.14	0.266	15262-20-1	PCI/G		0.167	0.5
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.066	0.233	13967-48-1	PCI/G	U	0.413	0.8
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.0339	0.0313		PCI/G	U	0.044	0.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Sodium-22	0.00239	0.0325	13966-32-0	PCI/G	U	0.0575	0.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.407	0.0846	14913-50-9	PCI/G		0.0419	0.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-230	6.07	0.766	14269-63-7	PCI/G		0.0815	1.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-234	5.24	2.58	15065-10-8	PCI/G		2.06	0.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.0204	0.0424	13966-06-8	PCI/G	U	0.0746	0.1
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.555	0.303	15117-96-1	PCI/G		0.334	0.5
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-238	5.24	2.58	7440-61-1	PCI/G		2.06	1.0
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Yttrium-88	0.00805	0.0313	13982-36-0	PCI/G	U	0.0571	0.1
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zinc-65	-0.00208	0.077	13982-39-3	PCI/G	U	0.119	0.3
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zirconium-95	0.0373	0.0749	13967-71-0	PCI/G	U	0.132	0.2
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Actinium-228	1.14	0.266	14331-83-0	PCI/G		0.167	0.8
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Americium-241	0.0501	0.140	14596-10-2	PCI/G	U	0.257	0.2
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.0101	0.0392	14683-10-4	PCI/G	U	0.0677	0.1
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-125	0.00	0.123	14234-35-6	PCI/G	UUI	0.142	0.2
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-133	0.0195	0.0358	13981-41-4	PCI/G	U	0.0581	0.1
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-232	1.01	0.134	7440-29-1	PCI/G		0.0731	0.5
SB40-1; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-234	7.47	0.916	13966-29-5	PCI/G		0.179	1.0
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Actinium-228	1.04	0.286	14331-83-0	PCI/G		0.203	0.8
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Americium-241	-0.0132	0.144	14596-10-2	PCI/G	U	0.256	0.2
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-124	-0.0349	0.0483	14683-10-4	PCI/G	U	0.0826	0.1
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Antimony-125	-0.0121	0.0858	14234-35-6	PCI/G	U	0.145	0.2
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-133	-0.000879	0.0408	13981-41-4	PCI/G	U	0.0616	0.1
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Barium-140	1.52	1.53	14798-08-4	PCI/G	U	2.38	0.5
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Beryllium-7	-0.207	0.502	13966-02-4	PCI/G	U	0.724	0.7
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-212	0.620	0.372	14913-49-6	PCI/G		0.431	0.5
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Bismuth-214	6.35	0.594	14733-03-0	PCI/G		0.0948	0.2
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-139	0.000106	0.0376		PCI/G	U	0.056	0.0
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-141	0.154	0.116	13967-74-3	PCI/G	U	0.212	0.1
SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cerium-144	-0.0371	0.206	14762-78-8	PCI/G	U	0.348	0.5

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

	Sample_Typ	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR	RO
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-134	0.00	0.0506	13967-70-9	PCI/G	UUI	0.0661	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-136	-0.652	0.552	14234-29-8	PCI/G	U	0.866	0.3	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cesium-137	0.239	0.0417	10045-97-3	PCI/G	U	0.0498	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Chromium-51	-0.465	0.774	14392-02-0	PCI/G	U	1.32	0.6	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-56	0.00753	0.0474		PCI/G	U	0.0823	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-57	-0.0132	0.0259	13981-50-5	PCI/G	U	0.0437	0.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-58	0.0276	0.0509	13981-38-9	PCI/G	U	0.0794	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Cobalt-60	-0.00155	0.0343	10198-40-0	PCI/G	U	0.0599	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-152	-0.0239	0.0855	14683-23-9	PCI/G	U	0.147	0.2	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-154	0.0672	0.0855	15585-10-1	PCI/G	U	0.169	0.5	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Europium-155	0.0356	0.0957	14391-16-3	PCI/G	U	0.167	0.5	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Iridium-192	0.0194	0.0423	14694-69-0	PCI/G	U	0.0744	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Iron-59	-0.161	0.129	14596-12-4	PCI/G	U	0.212	0.3	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-210	5.71	5.01	14255-04-0	PCI/G	U	6.32	4.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-212	1.14	0.127	15092-94-1	PCI/G	U	0.0876	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Lead-214	7.48	0.652	15067-28-4	PCI/G	U	0.0985	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Manganese-54	0.0251	0.0373	13966-31-9	PCI/G	U	0.0583	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Mercury-203	0.0645	0.107	13982-74-0	PCI/G	U	0.102	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neodymium-147	-0.333	4.44	14269-78-0	PCI/G	U	6.49	100	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Neptunium-239	0.0496	0.174	13968-59-7	PCI/G	U	0.300	2.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-94	0.0189	0.0277	14681-63-1	PCI/G	U	0.0498	1.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Niobium-95	0.00	0.0956	13967-76-5	PCI/G	UUI	0.162	0.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Potassium-40	20.0	1.70	13966-00-2	PCI/G	U	0.546	1.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-144	0.0263	0.0296		PCI/G	U	0.0537	0.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Promethium-146	0.0562	0.0457		PCI/G	U	0.0704	1.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-226	6.35	0.594	13982-63-3	PCI/G	U	0.0948	1.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Radium-228	1.04	0.286	15262-20-1	PCI/G	U	0.203	0.5	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Ruthenium-106	0.0455	0.266	13967-48-1	PCI/G	U	0.473	0.8	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Silver-110m	0.00157	0.033		PCI/G	U	0.0506	0.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Sodium-22	0.0243	0.0383	13966-32-0	PCI/G	U	0.0614	0.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thallium-208	0.360	0.0775	14913-50-9	PCI/G	U	0.0535	0.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-230	6.34	0.594	14269-63-7	PCI/G	U	0.0948	1.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-234	6.96	2.51	15065-10-8	PCI/G	U	2.08	2.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Tin-113	-0.0346	0.0511	13966-06-8	PCI/G	U	0.0854	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-235	0.423	0.303	15117-96-1	PCI/G	U	0.361	0.5	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-238	6.96	2.51	7440-61-1	PCI/G	U	2.08	1.0	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Yttrium-88	0.00662	0.0319	13982-36-0	PCI/G	U	0.060	0.1	
-SB40-2; 0-0.5 ft	SAMPLE	08/08/03	08/26/03	08/27/03	09/25/03	Zinc-65	0.0382	0.0914	13982-39-3	PCI/G	U	0.143	0.3	

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Sample_Typ	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CFR	RC
-SB40-2; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Zirconium-95	-0.0286	0.0833	13967-71-0	PCI/G	U	0.142	0.2	0.0
-SB40-2; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Thorium-232	1.08	0.121	7440-29-1	PCI/G		0.0834	0.5	0.0
-SB40-2; 0-0.5 ft	08/08/03	08/26/03	08/27/03	09/25/03	Uranium-234	7.54	0.711	13966-29-5	PCI/G		0.203	1.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Radium-228	0.846	0.209	15262-20-1	PCI/G		0.160	0.5	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Ruthenium-106	-0.201	0.197	13967-48-1	PCI/G	U	0.324	0.8	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Silver-110m	-0.00797	0.0221		PCI/G	U	0.0385	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Sodium-22	0.011	0.0278	13966-32-0	PCI/G	U	0.0522	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Thallium-208	0.332	0.057	14913-50-9	PCI/G		0.0391	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Thorium-230	0.840	0.138	14269-63-7	PCI/G		0.0735	1.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Thorium-234	1.17	1.28	15065-10-8	PCI/G	U	1.25	2.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Tin-113	-0.00582	0.0304	13966-06-8	PCI/G	U	0.0511	0.1	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Uranium-235	0.132	0.124	15117-96-1	PCI/G	U	0.223	0.5	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Uranium-238	1.17	1.28	7440-61-1	PCI/G	U	1.25	1.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Yttrium-88	0.00314	0.0251	13982-36-0	PCI/G	U	0.0433	0.1	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Zinc-65	-0.0416	0.0793	13982-39-3	PCI/G	U	0.112	0.3	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Zirconium-95	0.0178	0.0572	13967-71-0	PCI/G	U	0.104	0.2	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Radium-226	0.840	0.138	13982-63-3	PCI/G		0.0735	1.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Actinium-228	0.846	0.209	14331-83-0	PCI/G		0.160	0.8	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Americium-241	0.0419	0.0854	14596-10-2	PCI/G	U	0.159	0.2	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Antimony-124	-0.00922	0.0329	14683-10-4	PCI/G	U	0.0577	0.1	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Antimony-125	-0.0306	0.0577	14234-35-6	PCI/G	U	0.094	0.2	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Barium-133	-0.0182	0.0291	13981-41-4	PCI/G	U	0.0417	0.1	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Barium-140	-0.455	0.777	14798-08-4	PCI/G	U	1.32	0.5	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Beryllium-7	-0.0681	0.254	13966-02-4	PCI/G	U	0.453	0.7	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Bismuth-212	0.708	0.322	14913-49-6	PCI/G		0.299	0.5	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Bismuth-214	0.840	0.138	14733-03-0	PCI/G		0.0735	0.2	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cerium-139	-0.0143	0.0201	13967-74-3	PCI/G	U	0.0343	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cerium-141	0.0581	0.0715		PCI/G	U	0.129	0.1	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cerium-144	-0.11	0.122	14762-76-8	PCI/G	U	0.207	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cesium-134	0.042	0.0426	13967-70-9	PCI/G	U	0.0545	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cesium-136	-0.129	0.353	14234-29-8	PCI/G	U	0.594	0.3	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cesium-137	-0.000659	0.0235	10045-97-3	PCI/G	U	0.0417	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Chromium-51	-0.145	0.472	14392-02-0	PCI/G	U	0.793	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cobalt-56	0.0346	0.0306		PCI/G	U	0.0586	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cobalt-57	-0.00562	0.0156	13981-50-5	PCI/G	U	0.0274	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cobalt-58	-0.00596	0.0383	13981-38-9	PCI/G	U	0.0583	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Cobalt-60	-0.00308	0.0251	10198-40-0	PCI/G	U	0.0454	0.0	0.0
-SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Europium-152	0.0257	0.0543	14683-23-9	PCI/G	U	0.0955	0.0	0.0

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Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CFR	RC
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Europium-154	0.0297	15585-10-1	PCI/G	U	0.143	0.5	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Europium-155	0.00	14391-16-3	PCI/G	UUI	0.101	0.5	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Iridium-192	-0.0137	14694-69-0	PCI/G	U	0.045	0.1	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Iron-59	-0.0117	14596-12-4	PCI/G	U	0.174	0.3	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Lead-210	1.46	14255-04-0	PCI/G	U	3.97	4.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Lead-212	1.10	15092-94-1	PCI/G		0.0594	0.1	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Lead-214	0.934	15067-28-4	PCI/G		0.0711	0.1	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Manganese-54	0.0229	13966-31-9	PCI/G	U	0.0442	0.1	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Mercury-203	0.00	13982-78-0	PCI/G	UUI	0.0586	0.1	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Neodymium-147	0.382	14269-74-0	PCI/G	U	4.00	10.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Neptunium-239	-0.0134	13968-59-7	PCI/G	U	0.186	2.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Niobium-94	0.000122	14681-63-1	PCI/G	U	0.036	1.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Niobium-95	0.00776	13967-76-5	PCI/G	U	0.0907	0.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Potassium-40	25.2	13966-00-2	PCI/G	U	0.399	1.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Promethium-144	-0.000597		PCI/G	U	0.0374	0.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Promethium-146	-0.00472		PCI/G	U	0.0451	0.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Thorium-232	1.05	7440-29-1	PCI/G		0.0567	0.5	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Uranium-234	0.944	13966-29-5	PCI/G		0.132	1.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Manganese-54	0.00288	13966-31-9	PCI/G	U	0.0326	0.1	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Mercury-203	0.00	13966-78-0	PCI/G	UUI	0.0494	0.1	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Neodymium-147	-1.15	14269-74-0	PCI/G	U	2.54	10.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Neptunium-239	-0.00954	13968-59-7	PCI/G	U	0.164	2.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Niobium-94	-0.000788	14681-63-1	PCI/G	U	0.0267	1.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Niobium-95	0.0162	13967-76-5	PCI/G	U	0.0726	0.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Potassium-40	24.3	13966-00-2	PCI/G		0.282	1.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Promethium-144	0.00216		PCI/G	U	0.029	0.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Promethium-146	-0.00748		PCI/G	U	0.034	1.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Radium-226	0.808	13982-63-3	PCI/G		0.051	1.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Ruthenium-106	1.08	15262-20-1	PCI/G		0.104	0.5	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Silver-110m	-0.00547	13967-48-1	PCI/G	U	0.271	0.8	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Sodium-22	0.00454	13966-32-0	PCI/G	U	0.0303	0.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Thallium-208	-0.00993	14913-50-9	PCI/G		0.0389	0.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Thorium-230	0.287	14269-63-7	PCI/G		0.0292	0.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Thorium-234	0.808	15065-10-8	PCI/G		0.051	1.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Tin-113	2.21	15065-10-8	PCI/G		0.887	2.0	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Uranium-235	0.000589	13966-06-8	PCI/G	U	0.0414	0.1	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03	Uranium-238	0.0816	15117-96-1	PCI/G	U	0.192	0.5	
	SB41; 0.5-2 ft	08/09/03	08/26/03	09/23/03	09/23/03		2.21	7440-61-1	PCI/G		0.887	1.0	

SEAD-48
Soil Sampling Results
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Seneca Army Depot Activity

Sample	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRF
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Yttrium-88	0.00691	0.0176	13982-36-0	PCI/G	U	0.0338	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Zinc-65	0.0167	0.0521	13982-39-3	PCI/G	U	0.0814	0.3
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Zirconium-95	0.0236	0.0434	13967-71-0	PCI/G	U	0.0779	0.2
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Actinium-228	1.08	0.216	14331-83-0	PCI/G	U	0.104	0.8
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Americium-241	0.0539	0.0638	14596-10-2	PCI/G	U	0.107	0.2
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Antimony-124	0.0111	0.0238	14683-10-4	PCI/G	U	0.0431	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Antimony-125	0.0201	0.0418	14234-35-6	PCI/G	U	0.0737	0.2
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Barium-133	-0.00553	0.0206	13981-41-4	PCI/G	U	0.0311	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Barium-140	-0.236	0.576	14798-08-4	PCI/G	U	0.946	0.8
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Beryllium-7	-0.0242	0.243	13966-02-4	PCI/G	U	0.361	0.7
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Bismuth-212	0.575	0.274	14913-49-6	PCI/G	U	0.229	0.5
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Bismuth-214	0.808	0.115	14733-03-0	PCI/G	U	0.051	0.2
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cerium-139	-0.0102	0.0171	13967-74-3	PCI/G	U	0.0286	0.3
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cerium-141	0.037	0.0735	13967-74-3	PCI/G	U	0.0966	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cerium-144	-0.0679	0.107	14762-78-8	PCI/G	U	0.181	0.5
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cesium-134	0.00	0.0367	13967-70-9	PCI/G	UUI	0.0418	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cesium-136	0.0375	0.258	14234-29-8	PCI/G	U	0.443	0.3
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cesium-137	-0.00178	0.0189	10045-97-3	PCI/G	U	0.0288	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Chromium-51	-0.102	0.353	14392-02-0	PCI/G	U	0.613	0.6
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cobalt-56	-0.00391	0.0238	13981-50-5	PCI/G	U	0.0409	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cobalt-57	0.000236	0.0135	13981-38-9	PCI/G	U	0.0235	0.5
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cobalt-58	-0.0018	0.0243	10198-40-0	PCI/G	U	0.042	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Cobalt-60	-0.00342	0.0189	14683-23-9	PCI/G	U	0.0328	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Europium-152	-0.00371	0.0449	15585-10-1	PCI/G	U	0.0782	0.2
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Europium-154	-0.0277	0.063	14391-16-3	PCI/G	U	0.107	0.5
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Europium-155	0.0173	0.053	14694-69-0	PCI/G	U	0.0935	0.5
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Iridium-192	0.00328	0.0213	14596-12-4	PCI/G	U	0.0376	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Iron-59	-0.0229	0.0736	14255-04-0	PCI/G	U	0.122	0.3
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Lead-210	0.788	2.16	15092-94-1	PCI/G	U	2.11	4.0
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Lead-212	1.10	0.127	15067-28-4	PCI/G	U	0.046	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Lead-214	0.972	0.127	7440-29-1	PCI/G	U	0.0531	0.1
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Thorium-232	1.06	0.122	13966-29-5	PCI/G	U	0.044	0.5
-SB41; 0.5-2 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/22/03	Uranium-234	0.997	0.165	14331-83-0	PCI/G	U	0.107	1.0
-SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Actinium-228	0.738	0.205	14596-10-2	PCI/G	U	0.131	0.8
-SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Americium-241	0.00235	0.0842	14683-10-4	PCI/G	U	0.142	0.2
-SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Antimony-124	-0.0105	0.0279	14234-35-6	PCI/G	U	0.049	0.1
-SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Antimony-125	-0.0147	0.0535	13981-41-4	PCI/G	U	0.0792	0.2
-SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Barium-133	0.0141	0.0223		PCI/G	U	0.0363	0.1

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Barium-140	-0.171	0.632	14798-08-4	PCI/G	U	1.13	0.5
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Beryllium-7	-0.0283	0.246	13966-02-4	PCI/G	U	0.446	0.7
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Bismuth-212	0.681	0.283	14913-49-6	PCI/G	U	0.292	0.5
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Bismuth-214	0.698	0.126	14733-03-0	PCI/G	U	0.0582	0.2
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cerium-139	-0.00474	0.0176	13967-74-3	PCI/G	U	0.0311	0.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cerium-141	-0.0095	0.0606	14762-78-8	PCI/G	U	0.108	0.1
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cerium-144	-0.0236	0.107	13967-70-9	PCI/G	U	0.191	0.5
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cesium-134	0.0421	0.0366	14234-29-8	PCI/G	U	0.0482	0.1
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cesium-136	-0.203	0.333	10045-97-3	PCI/G	U	0.549	0.3
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cesium-137	0.0106	0.0205	14392-02-0	PCI/G	U	0.0381	0.1
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Chromium-51	-0.153	0.392	10981-40-0	PCI/G	U	0.664	0.6
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cobalt-56	-0.000843	0.0267	14683-23-9	PCI/G	U	0.0475	0.1
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cobalt-57	-0.0079	0.0133	15585-10-1	PCI/G	U	0.131	0.5
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cobalt-58	-0.00745	0.0261	14391-16-3	PCI/G	U	0.0954	0.5
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Cobalt-60	-0.0122	0.0212	14694-69-0	PCI/G	U	0.042	0.1
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Europium-152	-0.0448	0.0526	14596-12-4	PCI/G	U	0.144	0.3
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Europium-154	-0.0052	0.0721	14255-04-0	PCI/G	U	3.60	4.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Europium-155	0.0529	0.0957	15067-28-4	PCI/G	U	0.0603	0.1
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Iridium-192	0.0249	0.0229	13966-31-9	PCI/G	U	0.0385	0.1
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Iron-59	-0.00377	0.0947	13982-78-0	PCI/G	U	0.0564	0.1
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Lead-210	0.534	2.26	14269-74-0	PCI/G	U	3.46	100
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Lead-214	0.783	0.126	13968-59-7	PCI/G	U	0.161	2.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Manganese-54	0.00683	0.0212	14681-63-1	PCI/G	U	0.0349	1.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Mercury-203	0.0199	0.0349	13967-76-5	PCI/G	U	0.0806	0.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Neodymium-147	-0.346	1.92	13966-00-2	PCI/G	U	0.300	1.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Neptunium-239	-0.0658	0.0916	13966-00-2	PCI/G	U	0.300	1.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Niobium-94	0.00946	0.019	13966-00-2	PCI/G	U	0.0346	0.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Niobium-95	0.0224	2.05	13982-63-3	PCI/G	U	0.0582	1.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Potassium-40	18.6	0.0192	15262-20-1	PCI/G	U	0.131	0.5
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Promethium-144	0.00166	0.0232	13967-48-1	PCI/G	U	0.287	0.8
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Promethium-146	0.00812	0.0232	13967-48-1	PCI/G	U	0.0343	0.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Radium-226	0.698	0.126	13966-32-0	PCI/G	U	0.0475	0.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Radium-228	0.738	0.205	14913-50-9	PCI/G	U	0.031	0.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Ruthenium-106	0.061	0.153	14269-63-7	PCI/G	U	0.0582	1.0
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Silver-110m	-0.00526	0.0194					
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Sodium-22	-0.00214	0.0262					
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Thallium-208	0.261	0.0562					
SB41; 0/2-4 ft	SAMPLE	08/09/03	08/26/03	08/27/03	09/23/03	Thorium-230	0.698	0.126					

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR	RQ
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Thorium-234	0.689	1.33	15065-10-8	PCI/G	U	1.12	2.0	
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Tin-113	-0.00252	0.0268	13966-06-8	PCI/G	U	0.0458	0.1	
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Uranium-235	0.0375	0.106	15117-96-1	PCI/G	U	0.192	0.5	
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Uranium-238	0.689	1.33	7440-61-1	PCI/G	U	1.12	1.0	
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Yttrium-88	0.00868	0.0204	13982-36-0	PCI/G	U	0.0422	0.1	
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Zinc-65	-0.00399	0.0573	13982-39-3	PCI/G	U	0.0868	0.3	
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Zirconium-95	0.0799	0.0903	13967-71-0	PCI/G	U	0.0898	0.2	
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Lead-212	0.823	0.109	15092-94-1	PCI/G		0.0507	0.1	
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Thorium-232	0.787	0.104	7440-29-1	PCI/G		0.0485	0.5	
SB41; 0/2-4 ft	08/09/03	08/26/03	08/27/03	09/23/03	Uranium-234	0.696	0.143	13966-29-5	PCI/G		0.121	1.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Niobium-94	0.00	0.115	14681-63-1	PCI/G	UUI	0.147	1.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Niobium-95	0.00	0.679	13967-76-5	PCI/G	UUI	0.679	0.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Potassium-40	18.9	2.22	13966-00-2	PCI/G		1.69	1.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Promethium-144	-0.00378	0.0801		PCI/G	U	0.135	0.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Promethium-146	0.00	0.190		PCI/G	UUI	0.203	1.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Radium-226	74.4	6.59	13982-63-3	PCI/G		0.270	1.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Radium-228	0.935	0.525	15262-20-1	PCI/G		0.572	0.5	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	-0.839	0.754	13967-48-1	PCI/G	U	1.25	0.8	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Silver-110m	0.0711	0.0966		PCI/G	U	0.145	0.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Sodium-22	0.180	0.122	13966-32-0	PCI/G	U	0.186	0.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Thallium-208	0.265	0.126	14913-50-9	PCI/G		0.142	1.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Thorium-230	74.4	6.59	14269-63-7	PCI/G		0.270	1.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Thorium-234	78.1	15.3	15065-10-8	PCI/G		6.58	2.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Tin-113	0.163	0.173	13966-06-8	PCI/G	U	0.254	0.1	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Uranium-235	5.68	1.35	15117-96-1	PCI/G		1.17	0.5	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Uranium-238	78.1	15.3	7440-61-1	PCI/G		6.58	1.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Yttrium-88	0.00	0.156	13982-36-0	PCI/G	UUI	0.209	0.1	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Zinc-65	0.00	0.323	13982-39-3	PCI/G	UUI	0.500	0.3	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Zirconium-95	-0.121	0.278	13967-71-0	PCI/G	U	0.399	0.2	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Neptunium-239	-0.491	0.552	13968-59-7	PCI/G	U	0.906	2.0	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Actinium-228	0.935	0.525	14331-83-0	PCI/G		0.572	0.8	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Americium-241	-0.121	0.470	14596-10-2	PCI/G	U	0.803	0.2	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Antimony-124	-2.94	0.271	14683-10-4	PCI/G	U	0.224	0.1	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Antimony-125	0.00	0.387	14234-35-6	PCI/G	UUI	0.466	0.2	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Barium-133	0.123	0.127	13981-41-4	PCI/G	U	0.188	0.1	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Barium-140	2.20	4.63	14798-08-4	PCI/G	U	6.93	0.5	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Beryllium-7	0.00	1.98	13966-02-4	PCI/G	UUI	2.12	0.7	
SB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Bismuth-212	0.364	0.676	14913-49-6	PCI/G	U	1.15	0.5	

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Tyf	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Bismuth-214	74.4	6.59	14733-03-0	PCI/G	U	0.270	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cerium-139	0.00	0.123		PCI/G	UUI	0.180	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cerium-141	0.00	0.512	13967-74-3	PCI/G	UUI	0.658	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cerium-144	-0.369	0.655	14762-78-8	PCI/G	U	1.07	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cesium-134	-0.0641	0.0998	13967-70-9	PCI/G	U	0.165	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cesium-136	1.00	1.88	14234-29-8	PCI/G	U	2.69	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cesium-137	0.322	0.118	10045-97-3	PCI/G	U	0.139	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Chromium-51	0.909	2.71	14392-02-0	PCI/G	U	4.02	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cobalt-56	0.087	0.133		PCI/G	U	0.224	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cobalt-57	0.00647	0.134	13981-50-5	PCI/G	U	0.134	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cobalt-58	-0.0611	0.156	13981-38-9	PCI/G	U	0.223	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Cobalt-60	-0.0517	0.103	10198-40-0	PCI/G	U	0.170	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Europium-152	0.275	0.266	14683-23-9	PCI/G	U	0.469	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Europium-154	0.492	0.337	15585-10-1	PCI/G	U	0.510	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Europium-155	0.280	0.323	14391-16-3	PCI/G	U	0.504	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Iridium-192	0.0513	0.148	14694-69-0	PCI/G	U	0.220	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Iron-59	-0.656	0.442	14596-12-4	PCI/G	U	0.616	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Lead-210	55.4	18.4	14255-04-0	PCI/G		19.3	4.0
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Lead-212	1.16	0.296	15092-94-1	PCI/G		0.260	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Lead-214	87.6	7.18	15067-28-4	PCI/G		0.321	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Manganese-54	0.053	0.173	13966-31-9	PCI/G	U	0.168	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Mercury-203	-0.24	0.187	13982-78-0	PCI/G	U	0.312	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Neodymium-147	-3.85	14.4	14269-74-0	PCI/G	U	20.3	10.0
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Thorium-232	1.10	0.282	7440-29-1	PCI/G	U	0.247	0.1
SSB41; 0-0.5 ft	08/09/03	08/26/03	08/27/03	09/27/03	Uranium-234	87.2	7.40	13966-29-5	PCI/G		0.631	1.0
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Iridium-192	0.0144	0.0274	14694-69-0	PCI/G	U	0.0484	0.1
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Iron-59	-0.0278	0.0819	14596-12-4	PCI/G	U	0.143	0.1
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Lead-210	0.421	3.15	14255-04-0	PCI/G	U	4.13	4.0
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Lead-212	0.840	0.0953	15092-94-1	PCI/G		0.0666	0.1
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Lead-214	0.807	0.119	15067-28-4	PCI/G		0.0748	0.1
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Manganese-54	0.00147	0.026	13966-31-9	PCI/G	U	0.0454	0.1
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Mercury-203	0.0601	0.0378	13982-78-0	PCI/G	U	0.0629	0.1
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Neodymium-147	0.575	1.23	14269-74-0	PCI/G	U	2.14	10.0
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Neptunium-239	-0.00337	0.124	13968-59-7	PCI/G	U	0.208	2.0
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Niobium-94	-0.00221	0.0225	14681-63-1	PCI/G	U	0.0392	1.0
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Niobium-95	0.022	0.0294	13967-76-5	PCI/G	U	0.084	0.1
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Potassium-40	18.6	1.58	13966-00-2	PCI/G	U	0.382	1.0
SSB42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Promethium-144	0.0172	0.024		PCI/G	U	0.0439	0.1

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Promethium-146	-0.0116	0.0302		PCI/G	U	0.050
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Radium-226	0.613	0.106	13982-63-3	PCI/G		0.0753
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Radium-228	0.960	0.208	15262-20-1	PCI/G		0.143
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Ruthenium-106	0.0272	0.204	13967-48-1	PCI/G	U	0.365
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Silver-110m	-0.0145	0.0285		PCI/G	U	0.0415
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Sodium-22	0.0126	0.0323	13966-32-0	PCI/G	U	0.0588
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thallium-208	0.300	0.0573	14913-50-9	PCI/G		0.0413
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thorium-230	0.613	0.106	14269-63-7	PCI/G		0.0753
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thorium-234	1.50	1.37	15065-10-8	PCI/G		1.32
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Tin-113	0.012	0.0314	13966-06-8	PCI/G	U	0.055
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Uranium-235	0.0549	0.141	15117-96-1	PCI/G	U	0.237
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Uranium-238	1.50	1.37	7440-61-1	PCI/G		1.32
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Yttrium-88	0.0041	0.0245	13982-36-0	PCI/G	U	0.0477
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Zinc-65	-0.012	0.071	13982-39-3	PCI/G	U	0.107
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Zirconium-95	-0.0093	0.0548	13967-71-0	PCI/G	U	0.0949
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Actinium-228	0.960	0.208	14331-83-0	PCI/G	U	0.143
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Americium-241	7.870E-05	0.0963	14596-10-2	PCI/G	U	0.167
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Antimony-124	0.0123	0.0469	14683-10-4	PCI/G	U	0.0545
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Antimony-125	0.0324	0.0655	14234-35-6	PCI/G	U	0.114
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Barium-133	-0.00337	0.033	13981-41-4	PCI/G	U	0.0493
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Barium-140	0.497	0.501	14798-08-4	PCI/G	U	0.893
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Beryllium-7	-0.13	0.264	13966-02-4	PCI/G	U	0.433
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Bismuth-212	0.757	0.372	14913-49-6	PCI/G		0.318
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Bismuth-214	0.613	0.106	14733-03-0	PCI/G		0.0753
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cerium-139	0.0161	0.0209		PCI/G	U	0.0357
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cerium-141	0.0102	0.0629		PCI/G	U	0.105
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cerium-144	-0.0164	0.142	14762-78-8	PCI/G	U	0.236
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cesium-134	0.00	0.0433	13967-70-9	PCI/G	UUI	0.0558
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cesium-136	0.0104	0.221	14234-29-8	PCI/G	U	0.380
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cesium-137	0.106	0.0461	10045-97-3	PCI/G		0.0446
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Chromium-51	-0.0844	0.395	14392-02-0	PCI/G	U	0.675
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-56	0.00723	0.0321		PCI/G	U	0.0568
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-57	-0.00336	0.0168	13981-50-5	PCI/G	U	0.028
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-58	-0.0164	0.0316	13981-38-9	PCI/G	U	0.0528
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-60	0.00173	0.0231	10196-40-0	PCI/G	U	0.0421
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Europium-152	0.020	0.0637	14683-23-9	PCI/G	U	0.111
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Europium-154	0.0349	0.0893	15585-10-1	PCI/G	U	0.163
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Europium-155	-0.0379	0.0696	14391-16-3	PCI/G	U	0.115

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
B42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Thorium-232	0.812	0.0921	7440-29-1	PCI/G	U	0.0643	
B42; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Uranium-234	0.862	0.164	13966-29-5	PCI/G	U	0.142	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Actinium-228	0.856	0.210	14331-83-0	PCI/G	U	0.177	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Americium-241	0.00698	0.0329	14596-10-2	PCI/G	U	0.0589	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Antimony-124	0.0401	0.0333	14683-10-4	PCI/G	U	0.0643	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Antimony-125	-0.0316	0.0655	14234-35-6	PCI/G	U	0.110	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Barium-133	0.0101	0.0299	13981-41-4	PCI/G	U	0.0482	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Barium-140	0.356	0.520	14798-08-4	PCI/G	U	0.913	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Beryllium-7	0.222	0.554	13966-02-4	PCI/G	U	0.518	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Bismuth-212	0.449	0.462	14913-49-6	PCI/G	U	0.368	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Bismuth-214	0.663	0.141	14733-03-0	PCI/G	U	0.085	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Cerium-139	-0.00892	0.0194	10045-97-3	PCI/G	U	0.0314	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Cerium-141	-0.0486	0.0539	13967-74-3	PCI/G	U	0.0862	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Cesium-134	0.0166	0.0331	13967-70-9	PCI/G	U	0.0607	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Cesium-136	0.146	0.226	14234-29-8	PCI/G	U	0.417	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Cesium-137	0.226	0.0566	10045-97-3	PCI/G	U	0.0462	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Chromium-51	-0.00823	0.365	14392-02-0	PCI/G	U	0.647	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-56	0.030	0.0344	13981-50-5	PCI/G	U	0.0652	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-57	-0.00179	0.0145	13981-38-9	PCI/G	U	0.0245	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-58	0.0203	0.0336	10198-40-0	PCI/G	U	0.0629	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-60	0.0111	0.0289	14683-23-9	PCI/G	U	0.055	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Europium-152	-0.0251	0.0601	15585-10-1	PCI/G	U	0.103	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Europium-154	0.0389	0.0896	14391-16-3	PCI/G	U	0.169	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Europium-155	0.00	0.081	14694-69-0	PCI/G	UUI	0.0903	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Iridium-192	0.0176	0.0252	14596-12-4	PCI/G	U	0.0462	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Iron-59	-0.0976	0.0954	14596-12-4	PCI/G	U	0.149	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Lead-210	0.00	0.658	14255-04-0	PCI/G	UUI	0.524	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Lead-212	1.00	0.140	15092-94-1	PCI/G	U	0.0591	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Lead-214	0.764	0.144	15067-28-4	PCI/G	U	0.076	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Manganese-54	-0.00686	0.0269	13966-31-9	PCI/G	U	0.0469	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Mercury-203	0.0174	0.0466	13982-78-0	PCI/G	U	0.0546	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Neodymium-147	0.120	1.39	14269-74-0	PCI/G	U	2.40	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Neptunium-239	0.0113	0.102	13968-59-7	PCI/G	U	0.174	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Niobium-94	0.023	0.0362	14681-63-1	PCI/G	U	0.0459	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Niobium-95	0.0795	0.0763	13967-76-5	PCI/G	U	0.0917	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Potassium-40	21.5	2.28	13966-00-2	PCI/G	U	0.439	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Promethium-144	0.017	0.0248	---	PCI/G	U	0.0466	
B43; 0-0.5 ft	08/20/03	08/26/03	08/27/03	09/23/03	Promethium-146	0.00359	0.0305	---	PCI/G	U	0.0532	

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Radium-226	0.663	0.141	13982-63-3	PCI/G		0.085	1.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Radium-228	0.856	0.210	15262-20-1	PCI/G		0.177	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Ruthenium-106	0.0463	0.211	13967-48-1	PCI/G	U	0.391	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Silver-110m	0.0252	0.027		PCI/G	U	0.047	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Sodium-22	0.0141	0.0324	13966-32-0	PCI/G	U	0.0611	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thallium-208	0.245	0.0674	14913-50-9	PCI/G		0.0452	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thorium-230	0.663	0.141	14269-63-7	PCI/G		0.0849	1.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thorium-234	1.35	0.638	15065-10-8	PCI/G		0.554	2.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Tin-113	-0.00979	0.0304	13966-06-8	PCI/G	U	0.0521	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Uranium-235	0.0711	0.117	15117-96-1	PCI/G	U	0.201	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Uranium-238	1.35	0.638	7440-61-1	PCI/G		0.554	1.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Yttrium-88	0.00112	0.0266	13982-36-0	PCI/G	U	0.0508	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Zinc-65	-0.0163	0.078	13982-39-3	PCI/G	U	0.115	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Zirconium-95	0.0192	0.0654	13967-71-0	PCI/G	U	0.119	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cerium-144	-0.00144	0.114	14762-78-8	PCI/G	U	0.193	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thorium-232	0.970	0.135	7440-29-1	PCI/G		0.0571	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Uranium-234	0.835	0.184	13966-29-5	PCI/G		0.133	1.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Americium-241	-0.0374	0.0825	14596-10-2	PCI/G	U	0.129	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Antimony-124	-0.0352	0.0181	14683-10-4	PCI/G	U	0.0285	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Antimony-125	-0.00919	0.0343	14234-35-6	PCI/G	U	0.0586	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Barium-133	0.00448	0.0169	13981-41-4	PCI/G	U	0.0265	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Barium-140	-0.126	0.234	14798-08-4	PCI/G	U	0.406	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Beryllium-7	-0.00361	0.147	13966-02-4	PCI/G	U	0.267	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Bismuth-212	0.00	0.125	14913-49-6	PCI/G	UUI	0.143	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Bismuth-214	0.528	0.0834	14733-03-0	PCI/G		0.0398	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cerium-139	0.00055	0.0133	13967-74-3	PCI/G	U	0.0215	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cerium-141	0.033	0.0397	13967-74-3	PCI/G	U	0.0627	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cerium-144	-0.0102	0.0795	14762-78-8	PCI/G	U	0.146	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cesium-134	0.0069	0.0125	13967-70-9	PCI/G	U	0.0231	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cesium-136	-0.0491	0.098	14234-29-8	PCI/G	U	0.164	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cesium-137	0.220	0.0363	10045-97-3	PCI/G		0.0223	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Chromium-51	0.0669	0.216	14392-02-0	PCI/G	U	0.387	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-56	0.00171	0.0158	13981-50-5	PCI/G	U	0.0281	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-57	-0.00469	0.00968	13981-38-9	PCI/G	U	0.0177	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-58	-0.00469	0.0145	13981-38-9	PCI/G	U	0.0252	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Cobalt-60	0.00484	0.0113	10198-40-0	PCI/G	U	0.0215	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Europium-152	-0.0216	0.0357	14683-23-9	PCI/G	U	0.0608	0.0
SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Europium-154	-0.00544	0.036	15585-10-1	PCI/G	U	0.0643	0.0

SEAD-48
Soil Sampling Results
SDG 86840

Seneca Army Depot Activity

	Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	C	R
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Europium-155	0.0481	0.0403	14391-16-3	PCI/G	U	0.078		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Iridium-192	-0.00791	0.0147	14694-69-0	PCI/G	U	0.0253		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Iron-59	0.0279	0.0359	14596-12-4	PCI/G	U	0.0669		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Lead-210	1.48	2.47	14255-04-0	PCI/G	U	4.12		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Lead-212	0.208	0.0467	15092-94-1	PCI/G		0.0367		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Lead-214	0.620	0.0979	15067-28-4	PCI/G		0.044		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Manganese-54	0.000595	0.0129	13966-31-9	PCI/G	U	0.0228		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Mercury-203	-0.00155	0.0196	13982-78-0	PCI/G	U	0.0348		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Neodymium-147	0.479	0.632	14269-74-0	PCI/G	U	1.19		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Neptunium-239	-0.00706	0.0702	13968-59-7	PCI/G	U	0.131		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Niobium-94	0.00734	0.0107	14681-63-1	PCI/G	U	0.0199		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Niobium-95	0.0275	0.0426	13967-76-5	PCI/G	U	0.0389		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Potassium-40	4.51	0.632	13966-00-2	PCI/G	U	0.213		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Promethium-144	-3.660E-05	0.0114				0.0204		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Promethium-146	0.00433	0.0149				0.0263		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Radium-226	0.528	0.0834	13982-63-3	PCI/G	U	0.0398		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Radium-228	0.166	0.0958	15262-20-1	PCI/G	U	0.0729		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Ruthenium-106	-0.000274	0.112	13967-48-1	PCI/G	U	0.201		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Silver-110m	0.014	0.013				0.0222		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Sodium-22	-0.00194	0.013	13966-32-0	PCI/G	U	0.0233		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thallium-208	0.0569	0.0245	14913-50-9	PCI/G	U	0.0227		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thorium-230	0.528	0.0834	14269-63-7	PCI/G	U	0.0398		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thorium-234	0.966	1.15	15065-10-8	PCI/G	U	1.05		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Tin-113	-0.00635	0.0205	13966-06-8	PCI/G	U	0.0305		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Uranium-235	0.106	0.112	15117-96-1	PCI/G	U	0.148		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Uranium-238	0.966	1.15	7440-61-1	PCI/G	U	1.05		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Yttrium-88	0.00647	0.0128	13982-36-0	PCI/G	U	0.0249		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Zinc-65	0.0129	0.0323	13982-39-3	PCI/G	U	0.0527		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Zirconium-95	-0.0211	0.0273	13967-71-0	PCI/G	U	0.0457		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Actinium-228	0.166	0.0958	14331-83-0	PCI/G	U	0.0729		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Thorium-232	0.201	0.0452	7440-29-1	PCI/G	U	0.0355		
SB44; 0-3 in	SAMPLE	08/20/03	08/26/03	08/27/03	09/23/03	Uranium-234	0.663	0.121	13966-29-5	PCI/G	U	0.0824		
LCS		09/29/03	09/29/03	09/29/03	09/29/03	Cesium-137	97	42.6	10045-97-3	%		0.827		
LCS		09/23/03	09/23/03	09/23/03	09/23/03	Cesium-137	101	48.6	10045-97-3	%		1.30		
LCS		09/22/03	09/22/03	09/22/03	09/22/03	Cesium-137	101	35.1	10045-97-3	%		0.868		
MB		09/28/03	09/28/03	09/28/03	09/28/03	Actinium-228	0.103	0.128	14331-83-0	PCI/G	U	0.160		
MB		09/28/03	09/28/03	09/28/03	09/28/03	Americium-241	0.00557	0.0489	14596-10-2	PCI/G	U	0.0583		
MB		09/28/03	09/28/03	09/28/03	09/28/03	Antimony-124	-0.00287	0.0284	14683-10-4	PCI/G	U	0.0415		

SEAD-48
Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
MB	09/28/03	09/28/03	09/28/03	09/28/03	Antimony-125	-0.00329	0.0505	14234-35-6	PCI/G	U	0.086	0.0393
MB	09/28/03	09/28/03	09/28/03	09/28/03	Barium-133	-0.0108	0.0235	13981-41-4	PCI/G	U	0.486	0.366
MB	09/28/03	09/28/03	09/28/03	09/28/03	Barium-140	0.0551	0.283	14798-08-4	PCI/G	U	0.303	0.0795
MB	09/28/03	09/28/03	09/28/03	09/28/03	Beryllium-7	0.174	0.205	13966-02-4	PCI/G	U	0.0266	0.0663
MB	09/28/03	09/28/03	09/28/03	09/28/03	Bismuth-212	0.0882	0.165	14913-49-6	PCI/G	U	0.173	0.0414
MB	09/28/03	09/28/03	09/28/03	09/28/03	Bismuth-214	0.00	0.0433	14733-03-0	PCI/G	UUI	0.183	0.0378
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cerium-139	-7.460E-05	0.0164	14392-02-0	PCI/G	U	0.457	0.0446
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cerium-141	0.0143	0.0471	13967-74-3	PCI/G	U	0.0213	0.0409
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cerium-144	0.0949	0.103	14762-78-8	PCI/G	U	0.0412	0.0869
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cesium-134	0.0235	0.0217	13967-70-9	PCI/G	U	0.0883	0.0784
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cesium-136	0.0904	0.105	14234-29-8	PCI/G	U	0.0346	0.102
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cesium-137	0.00627	0.0576	10045-97-3	PCI/G	U	0.0627	0.0663
MB	09/28/03	09/28/03	09/28/03	09/28/03	Chromium-51	-0.127	0.272	14694-69-0	PCI/G	U	0.0333	0.0438
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cobalt-56	-0.00162	0.0253	14596-12-4	PCI/G	U	1.34	0.147
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cobalt-57	0.00392	0.0129	14255-04-0	PCI/G	U	0.0311	0.0548
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cobalt-58	-0.0137	0.0481	15092-94-1	PCI/G	U	0.356	0.0347
MB	09/28/03	09/28/03	09/28/03	09/28/03	Cobalt-60	0.0223	0.0209	15067-28-4	PCI/G	U	0.0417	0.0795
MB	09/28/03	09/28/03	09/28/03	09/28/03	Europium-152	0.0179	0.0498	13966-31-9	PCI/G	U	0.0333	0.0438
MB	09/28/03	09/28/03	09/28/03	09/28/03	Europium-154	-0.0136	0.0509	13982-78-0	PCI/G	U	0.0438	0.0438
MB	09/28/03	09/28/03	09/28/03	09/28/03	Europium-155	-0.0152	0.0481	14269-74-0	PCI/G	U	1.34	0.147
MB	09/28/03	09/28/03	09/28/03	09/28/03	Iridium-192	-0.00875	0.0206	13968-59-7	PCI/G	U	0.0311	0.0548
MB	09/28/03	09/28/03	09/28/03	09/28/03	Iron-59	0.0112	0.0565	14681-63-1	PCI/G	U	0.0311	0.0548
MB	09/28/03	09/28/03	09/28/03	09/28/03	Lead-210	0.505	0.469	13967-76-5	PCI/G	U	0.356	0.0347
MB	09/28/03	09/28/03	09/28/03	09/28/03	Lead-212	0.0135	0.0613	13966-00-2	PCI/G	U	0.0417	0.0795
MB	09/28/03	09/28/03	09/28/03	09/28/03	Lead-214	0.0296	0.0375	13966-63-3	PCI/G	UUI	0.0795	0.160
MB	09/28/03	09/28/03	09/28/03	09/28/03	Manganese-54	-0.00611	0.0192	15262-20-1	PCI/G	U	0.327	0.034
MB	09/28/03	09/28/03	09/28/03	09/28/03	Mercury-203	0.00892	0.0251	13967-48-1	PCI/G	U	0.034	0.034
MB	09/28/03	09/28/03	09/28/03	09/28/03	Neodymium-147	0.569	0.564	0.0225	PCI/G	U	0.034	0.034
MB	09/28/03	09/28/03	09/28/03	09/28/03	Neptunium-239	-0.00331	0.0893					
MB	09/28/03	09/28/03	09/28/03	09/28/03	Niobium-94	-0.00106	0.0185					
MB	09/28/03	09/28/03	09/28/03	09/28/03	Niobium-95	0.00987	0.0298					
MB	09/28/03	09/28/03	09/28/03	09/28/03	Potassium-40	0.344	0.434					
MB	09/28/03	09/28/03	09/28/03	09/28/03	Promethium-144	-5.550E-05	0.0206					
MB	09/28/03	09/28/03	09/28/03	09/28/03	Promethium-146	0.00402	0.0242					
MB	09/28/03	09/28/03	09/28/03	09/28/03	Radium-226	0.00	0.0433					
MB	09/28/03	09/28/03	09/28/03	09/28/03	Radium-228	0.103	0.128					
MB	09/28/03	09/28/03	09/28/03	09/28/03	Ruthenium-106	0.0296	0.191					
MB	09/28/03	09/28/03	09/28/03	09/28/03	Silver-110m	0.00441	0.0225					

SEAL-46

Soil Sampling Results

SDG 86840

Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
MB	09/28/03	09/28/03	09/28/03	09/28/03	Sodium-22	-0.00481	0.0183	13966-32-0	PCI/G	U	0.0319	0.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Thallium-208	0.00869	0.0463	14913-50-9	PCI/G	U	0.0454	0.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Thorium-230	0.00	0.0433	14269-63-7	PCI/G	UUI	0.0794	1.6
MB	09/28/03	09/28/03	09/28/03	09/28/03	Thorium-234	0.500	0.633	15065-10-8	PCI/G	U	0.686	2.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Tin-113	0.0148	0.0247	13966-06-8	PCI/G	U	0.0436	0.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Uranium-235	0.00241	0.164	15117-96-1	PCI/G	U	0.169	0.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Uranium-238	0.500	0.633	7440-61-1	PCI/G	U	0.533	1.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Yttrium-88	-0.00233	0.0233	13982-36-0	PCI/G	U	0.043	0.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Zinc-65	-0.0417	0.0511	13982-39-3	PCI/G	U	0.0689	0.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Zirconium-95	0.00967	0.0382	13967-71-0	PCI/G	U	0.070	0.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Thorium-232	0.0132	0.0596	7440-29-1	PCI/G	U	0.0471	0.0
MB	09/28/03	09/28/03	09/28/03	09/28/03	Uranium-234	0.0675	0.0684	13966-29-5	PCI/G	U	0.122	1.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Actinium-228	0.0473	0.059	14331-83-0	PCI/G	U	0.108	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Americium-241	0.0479	0.0823	14596-10-2	PCI/G	U	0.143	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Antimony-124	-0.00184	0.0222	14683-10-4	PCI/G	U	0.0397	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Antimony-125	-0.00476	0.0417	14234-35-6	PCI/G	U	0.0708	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Barium-133	-0.000367	0.0214	13981-41-4	PCI/G	U	0.0366	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Barium-140	-0.0308	0.218	14798-08-4	PCI/G	U	0.399	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Beryllium-7	-0.121	0.180	13966-02-4	PCI/G	U	0.285	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Bismuth-212	0.0313	0.110	14913-49-6	PCI/G	U	0.210	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Bismuth-214	0.0324	0.0431	14733-03-0	PCI/G	U	0.0706	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cerium-139	0.00601	0.0133	13967-74-3	PCI/G	U	0.024	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cerium-141	-0.00679	0.0333	13967-74-3	PCI/G	U	0.0585	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cerium-144	-0.0314	0.0796	14762-78-8	PCI/G	U	0.139	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cesium-134	-0.00186	0.0151	13967-70-9	PCI/G	U	0.0274	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cesium-136	-0.0121	0.0927	14234-29-8	PCI/G	U	0.166	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cesium-137	0.000292	0.0131	10045-97-3	PCI/G	U	0.0245	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Chromium-51	-0.0598	0.234	14392-02-0	PCI/G	U	0.398	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cobalt-56	-0.0177	0.0166	13981-50-5	PCI/G	U	0.0252	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cobalt-57	0.00231	0.0107	13981-50-5	PCI/G	U	0.0194	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cobalt-58	-0.00724	0.0179	13981-38-9	PCI/G	U	0.031	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cobalt-60	-0.00255	0.0182	10198-40-0	PCI/G	U	0.0338	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Europium-152	0.00774	0.0419	14663-23-9	PCI/G	U	0.0738	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Europium-154	-0.0189	0.0505	15585-10-1	PCI/G	U	0.0905	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Europium-155	-0.0107	0.041	14391-16-3	PCI/G	U	0.0728	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Iridium-192	0.0165	0.0173	14694-69-0	PCI/G	U	0.0324	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Iron-59	-0.00232	0.0449	14596-12-4	PCI/G	U	0.0811	0.0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Lead-210	0.311	5.01	14255-04-0	PCI/G	U	5.07	4.0

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Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	C	R
MB	09/27/03	09/27/03	09/27/03	09/27/03	Lead-212	0.0105	0.0356	15092-94-1	PCI/G	U	0.0425	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Lead-214	0.0285	0.0337	15067-28-4	PCI/G	U	0.0616	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Manganese-54	0.00436	0.0155	13966-31-9	PCI/G	U	0.0292	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Mercury-203	0.00849	0.0241	13982-78-0	PCI/G	U	0.0427	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Neodymium-147	-0.153	0.588	14269-74-0	PCI/G	U	1.06	10	2
MB	09/27/03	09/27/03	09/27/03	09/27/03	Neptunium-239	-0.0397	0.0707	13968-59-7	PCI/G	U	0.123	2	1
MB	09/27/03	09/27/03	09/27/03	09/27/03	Niobium-94	0.00714	0.0201	14681-63-1	PCI/G	U	0.0243	1	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Niobium-95	0.0208	0.0295	13967-76-5	PCI/G	U	0.0568	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Potassium-40	0.0876	0.214	13966-00-2	PCI/G	U	0.417	1	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Promethium-144	0.00392	0.0202		PCI/G	U	0.0326	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Promethium-146	0.00681	0.0194		PCI/G	U	0.0345	1	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Radium-226	0.0324	0.0431	13982-63-3	PCI/G	U	0.0706	1	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Radium-228	0.0473	0.059	15262-20-1	PCI/G	U	0.108	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Ruthenium-106	-0.0335	0.121	13967-48-1	PCI/G	U	0.217	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Silver-110m	0.00217	0.0145		PCI/G	U	0.0271	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Sodium-22	-0.0067	0.0182	13966-32-0	PCI/G	U	0.0327	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Thallium-208	0.00426	0.0212	14913-50-9	PCI/G	U	0.0345	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Thorium-230	0.0324	0.0431	14269-63-7	PCI/G	U	0.0706	1	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Thorium-234	0.0	0.675	15065-10-8	PCI/G	UUJ	1.20	2	1
MB	09/27/03	09/27/03	09/27/03	09/27/03	Tin-113	0.0165	0.0204	13966-06-8	PCI/G	U	0.0381	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Uranium-235	0.0306	0.0817	15117-96-1	PCI/G	U	0.148	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Uranium-238	0.0	0.675	7440-61-1	PCI/G	UUJ	1.20	1	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Yttrium-88	-0.000619	0.0211	13982-36-0	PCI/G	U	0.0403	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Zinc-65	0.0152	0.0314	13982-39-3	PCI/G	U	0.0625	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Zirconium-95	0.00217	0.030	13967-71-0	PCI/G	U	0.0562	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Thorium-232	0.0101	0.0345	7440-29-1	PCI/G	U	0.0554	0	0
MB	09/27/03	09/27/03	09/27/03	09/27/03	Uranium-234	0.0334	0.0584	13966-29-5	PCI/G	U	0.105	1	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Actinium-228	0.00489	0.0757	14331-83-0	PCI/G	U	0.101	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Americium-241	0.0465	0.0935	14596-10-2	PCI/G	U	0.143	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Antimony-124	0.00326	0.0224	14683-10-4	PCI/G	U	0.0345	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Antimony-125	-0.0111	0.0403	14234-35-6	PCI/G	U	0.0665	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Barium-133	-0.00332	0.0179	13981-41-4	PCI/G	U	0.030	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Barium-140	0.156	0.255	14798-08-4	PCI/G	U	0.324	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Beryllium-7	0.0559	0.138	13966-02-4	PCI/G	U	0.252	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Bismuth-212	0.0137	0.116	14913-49-6	PCI/G	U	0.205	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Bismuth-214	0.00272	0.0606	14733-03-0	PCI/G	U	0.0607	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cerium-139	0.00271	0.0131		PCI/G	U	0.023	0	0
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cerium-141	0.0289	0.034	13967-74-3	PCI/G	U	0.0611	0	0

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Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cerium-144	-0.0242	0.0917	14762-78-8	PCI/G	U	0.158
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cesium-134	-0.00122	0.0155	13967-70-9	PCI/G	U	0.027
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cesium-136	-0.00491	0.0697	14234-29-8	PCI/G	U	0.121
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cesium-137	-0.00294	0.0133	10045-97-3	PCI/G	U	0.023
MB	09/23/03	09/23/03	09/23/03	09/23/03	Chromium-51	0.0878	0.208	14392-02-0	PCI/G	U	0.362
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cobalt-56	-0.00101	0.0187		PCI/G	U	0.0324
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cobalt-57	0.00853	0.0106	13981-50-5	PCI/G	U	0.0193
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cobalt-58	0.0155	0.0173	13981-38-9	PCI/G	U	0.0324
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cobalt-60	0.00125	0.0144	10198-40-0	PCI/G	U	0.0265
MB	09/23/03	09/23/03	09/23/03	09/23/03	Europium-152	0.0284	0.0383	14683-23-9	PCI/G	U	0.0683
MB	09/23/03	09/23/03	09/23/03	09/23/03	Europium-154	-0.00892	0.0358	15585-10-1	PCI/G	U	0.0638
MB	09/23/03	09/23/03	09/23/03	09/23/03	Europium-155	0.0208	0.0445	14391-16-3	PCI/G	U	0.0802
MB	09/23/03	09/23/03	09/23/03	09/23/03	Iridium-192	0.000585	0.0159	14694-69-0	PCI/G	U	0.0272
MB	09/23/03	09/23/03	09/23/03	09/23/03	Iron-59	-0.00402	0.0373	14596-12-4	PCI/G	U	0.0642
MB	09/23/03	09/23/03	09/23/03	09/23/03	Lead-210	0.129	3.05	14255-04-0	PCI/G	U	4.58
MB	09/23/03	09/23/03	09/23/03	09/23/03	Lead-212	0.00431	0.0343	15092-94-1	PCI/G	U	0.0507
MB	09/23/03	09/23/03	09/23/03	09/23/03	Lead-214	0.0368	0.0301	15067-28-4	PCI/G	U	0.0543
MB	09/23/03	09/23/03	09/23/03	09/23/03	Manganese-54	-0.00174	0.0152	13966-31-9	PCI/G	U	0.0262
MB	09/23/03	09/23/03	09/23/03	09/23/03	Mercury-203	0.00529	0.0195	13982-78-0	PCI/G	U	0.0338
MB	09/23/03	09/23/03	09/23/03	09/23/03	Neodymium-147	0.175	0.419	14269-74-0	PCI/G	U	0.767
MB	09/23/03	09/23/03	09/23/03	09/23/03	Neptunium-239	-0.00164	0.0793	13968-59-7	PCI/G	U	0.139
MB	09/23/03	09/23/03	09/23/03	09/23/03	Niobium-94	-0.00653	0.0144	14681-63-1	PCI/G	U	0.0243
MB	09/23/03	09/23/03	09/23/03	09/23/03	Niobium-95	0.00164	0.0228	13967-76-5	PCI/G	U	0.040
MB	09/23/03	09/23/03	09/23/03	09/23/03	Potassium-40	0.00	0.225	13966-00-2	PCI/G	UUU	0.214
MB	09/23/03	09/23/03	09/23/03	09/23/03	Promethium-144	-0.00219	0.0144		PCI/G	U	0.0249
MB	09/23/03	09/23/03	09/23/03	09/23/03	Promethium-146	0.00495	0.0168		PCI/G	U	0.029
MB	09/23/03	09/23/03	09/23/03	09/23/03	Radium-226	0.00272	0.0606	13982-63-3	PCI/G	U	0.0607
MB	09/23/03	09/23/03	09/23/03	09/23/03	Radium-228	0.00489	0.0757	15262-20-1	PCI/G	U	0.101
MB	09/23/03	09/23/03	09/23/03	09/23/03	Ruthenium-106	-0.00803	0.134	13967-48-1	PCI/G	U	0.234
MB	09/23/03	09/23/03	09/23/03	09/23/03	Silver-110m	0.0021	0.0128		PCI/G	U	0.023
MB	09/23/03	09/23/03	09/23/03	09/23/03	Sodium-22	-0.00325	0.0129	13966-32-0	PCI/G	U	0.023
MB	09/23/03	09/23/03	09/23/03	09/23/03	Thallium-208	0.0131	0.0161	14913-50-9	PCI/G	U	0.0295
MB	09/23/03	09/23/03	09/23/03	09/23/03	Thorium-230	0.00272	0.0606	14269-63-7	PCI/G	U	0.0607
MB	09/23/03	09/23/03	09/23/03	09/23/03	Thorium-234	0.366	0.967	15065-10-8	PCI/G	U	1.16
MB	09/23/03	09/23/03	09/23/03	09/23/03	Tin-113	0.0124	0.0183	13966-06-8	PCI/G	U	0.0326
MB	09/23/03	09/23/03	09/23/03	09/23/03	Uranium-235	0.0173	0.0901	15117-96-1	PCI/G	U	0.158
MB	09/23/03	09/23/03	09/23/03	09/23/03	Uranium-238	0.366	0.967	7440-61-1	PCI/G	U	1.16
MB	09/23/03	09/23/03	09/23/03	09/23/03	Yttrium-88	-0.00853	0.0161	13982-36-0	PCI/G	U	0.0269

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Soil Sampling Results
SDG 86840
Seneca Army Depot Activity

Sample_Typ	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CR
MB	09/23/03	09/23/03	09/23/03	09/23/03	Zinc-65	-0.00122	0.0316	13982-39-3	PCI/G	U	0.057	0.057
MB	09/23/03	09/23/03	09/23/03	09/23/03	Zirconium-95	0.0123	0.0343	13967-71-0	PCI/G	U	0.0544	0.0544
MB	09/23/03	09/23/03	09/23/03	09/23/03	Thorium-232	0.0042	0.0334	7440-29-1	PCI/G	U	0.0463	0.0463
MB	09/23/03	09/23/03	09/23/03	09/23/03	Uranium-234	0.0304	0.0543	13966-29-5	PCI/G	U	0.0953	0.0953

Method: EML HASL 300, 4.5.2.3

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	1.22	0.275	14331-83-0	PCI/G		0.169	0.800
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	0.208	0.0923	14596-10-2	PCI/G	U	0.165	0.200
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0179	0.0452	14693-10-4	PCI/G	U	0.0784	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0774	0.0799	14234-35-6	PCI/G	U	0.129	0.200
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	0.0181	0.0344	13981-41-4	PCI/G	U	0.0551	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	-0.632	1.76	14798-08-4	PCI/G	U	2.90	0.500
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.269	0.425	13966-02-4	PCI/G	U	0.758	0.700
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.763	0.434	14913-49-6	PCI/G	U	0.392	0.500
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.744	0.139	14733-03-0	PCI/G	U	0.0497	0.050
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00703	0.0291		PCI/G	U		
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.00475	0.119	13987-74-3	PCI/G	U	0.203	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	0.00801	0.176	14782-78-8	PCI/G	U	0.301	0.500
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0	0.0369	13987-70-9	PCI/G	UU	0.0683	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.14	0.758	14234-29-8	PCI/G	U	1.29	0.300
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	0.356	0.076	10045-97-3	PCI/G	U	0.0487	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.133	0.734	14392-02-0	PCI/G	U	1.28	0.600
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0116	0.0382		PCI/G	U	0.0691	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.015	0.022	13991-50-5	PCI/G	U	0.0389	0.050
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0148	0.0445	13991-38-9	PCI/G	U	0.0652	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00779	0.0306	10198-40-0	PCI/G	U	0.0534	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	-0.000614	0.0722	14683-23-9	PCI/G	U	0.126	0.200
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	0.000615	0.0857	15585-10-1	PCI/G	U	0.154	0.500
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Europium-155	EML HASL 300, 4.5.2.3	0.101	0.0991	14391-16-3	PCI/G	U	0.140	0.500
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Europium-192	EML HASL 300, 4.5.2.3	-0.00253	0.0371	14694-69-0	PCI/G	U	0.0648	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	-0.061	0.118	14596-12-4	PCI/G	U	0.192	0.300
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	0.000966	2.77	14255-04-0	PCI/G	U	3.57	4.00
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	1.15	0.148	15092-94-1	PCI/G	U	0.0776	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	0.846	0.143	15087-28-4	PCI/G	U	0.0867	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.173	0.0312	13966-31-9	PCI/G	U	0.052	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.045	0.0565	13982-78-0	PCI/G	U	0.103	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.615	5.49	14269-74-0	PCI/G	U	9.30	1000
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.000222	0.142	13968-59-7	PCI/G	U	0.244	2.00
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0303	0.0421	14681-63-1	PCI/G	U	0.047	1.00
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0428	0.094	13987-76-5	PCI/G	U	0.149	0.050
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	25.4	2.23	13966-00-2	PCI/G	U	0.392	1.00
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	-3.560E-05	0.0253		PCI/G	U	0.0449	0.080
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0142	0.032		PCI/G	U	0.0567	1.00
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	0.744	0.139	13982-63-3	PCI/G	U	0.0816	1.00
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	1.22	0.275	15282-20-1	PCI/G	U	0.169	0.500
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.00489	0.240	13967-48-1	PCI/G	U	0.428	0.800
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0104	0.0324		PCI/G	U	0.0517	0.080
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.349	0.0645	13966-32-0	PCI/G	U	0.0562	0.080
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	0.744	0.139	14913-50-9	PCI/G	U	0.044	0.080
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	1.09	0.140	14269-63-7	PCI/G	U	0.0794	0.500
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	1.18	1.32	7440-29-1	PCI/G	U	1.44	2.00
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	0.856	0.0394	15085-10-8	PCI/G	U	0.0676	0.100
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	0.00808	0.235	13966-06-8	PCI/G	U	0.168	1.00
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	0.144	0.474	13966-29-5	PCI/G	U	0.278	0.500
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	1.18	1.32	15117-96-1	PCI/G	U	1.44	1.00
DUP	08/04/03	08/26/03	09/29/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.000375	0.0297	13982-36-0	PCI/G	U	0.057	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coil_date	Rec_date	Ext_date	Ansl_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CFI
01: 0-0.5 ft	08/04/03	08/26/03	09/29/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.00734	0.0867	13982-39-3	PCI/G	U	0.133	0.300
01: 0-0.5 ft	08/04/03	08/26/03	09/29/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0401	0.0829	13987-71-0	PCI/G	U	0.151	0.200
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Actinium-228	EML HASL 300, 4.5.2.3	1.36	0.385	14331-83-0	PCI/G	U	0.239	0.800
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0245	0.150	14596-10-2	PCI/G	U	0.243	0.200
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0662	0.0603	14693-10-4	PCI/G	U	0.113	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0132	0.0411	14234-35-6	PCI/G	U	0.150	0.200
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Barium-133	EML HASL 300, 4.5.2.3	0.168	2.14	14798-08-4	PCI/G	U	3.88	0.500
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Barium-140	EML HASL 300, 4.5.2.3	0.228	0.499	13986-02-4	PCI/G	U	0.928	0.700
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.664	0.402	14913-49-6	PCI/G	U	0.456	0.500
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.664	0.170	14733-03-0	PCI/G	U	0.118	0.200
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.00989	0.030	13987-74-3	PCI/G	U	0.0533	0.050
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	0.0134	0.130	14792-78-8	PCI/G	U	0.228	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.113	0.189	13987-70-9	PCI/G	U	0.322	0.500
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0933	14234-29-8	PCI/G	U	0.0958	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	0.122	0.903	10045-97-3	PCI/G	U	1.68	0.300
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	0.345	0.0789	14392-02-0	PCI/G	U	0.0621	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	0.200	0.912	15885-10-1	PCI/G	U	1.58	0.600
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.00856	0.0515	15092-94-1	PCI/G	U	0.0896	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00514	0.0243	15087-28-4	PCI/G	U	0.0424	0.050
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.00244	0.0536	13981-38-9	PCI/G	U	0.0946	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.0185	0.0408	10198-40-0	PCI/G	U	0.0705	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	0.0406	0.0824	14693-23-9	PCI/G	U	0.146	0.200
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	0.214	0.260	15885-10-1	PCI/G	U	0.258	0.500
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Europium-155	EML HASL 300, 4.5.2.3	0.0392	0.0934	14391-16-3	PCI/G	U	0.169	0.500
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Europium-192	EML HASL 300, 4.5.2.3	0.0136	0.045	14694-12-4	PCI/G	U	0.0785	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Iron-59	EML HASL 300, 4.5.2.3	-0.00966	0.172	14255-04-0	PCI/G	U	0.314	0.300
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	3.27	4.03	15092-94-1	PCI/G	U	5.98	4.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	1.06	0.166	15092-94-1	PCI/G	U	0.119	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	0.854	0.156	15087-28-4	PCI/G	U	0.105	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0119	0.0532	13986-31-9	PCI/G	U	0.0641	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	0.024	0.0768	13982-78-0	PCI/G	U	0.120	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	-2.16	6.45	14269-74-0	PCI/G	U	11.3	1000
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.127	0.162	13988-59-7	PCI/G	U	0.274	2.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.0127	0.0317	14681-63-1	PCI/G	U	0.0539	1.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0937	0.134	13987-76-5	PCI/G	U	0.179	0.050
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	25.0	3.20	13986-00-2	PCI/G	U	0.566	1.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00697	0.0357	13986-32-0	PCI/G	U	0.0643	0.080
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	0.00627	0.0379	13982-63-3	PCI/G	U	0.0695	1.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	0.664	0.170	15282-20-1	PCI/G	U	0.118	1.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Radium-228	EML HASL 300, 4.5.2.3	1.36	0.385	15282-20-1	PCI/G	U	0.239	0.500
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.164	0.320	13987-48-1	PCI/G	U	0.542	0.800
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00538	0.0391	13986-32-0	PCI/G	U	0.0602	0.080
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	0.00	0.0947	14913-50-9	PCI/G	U	0.0773	0.080
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.355	0.0832	14269-63-7	PCI/G	U	0.118	1.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	0.664	0.170	14269-63-7	PCI/G	U	0.113	0.500
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	1.00	0.157	15065-10-8	PCI/G	U	1.98	2.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	0.280	1.67	15065-10-8	PCI/G	U	1.98	2.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	0.00115	0.0617	13986-06-8	PCI/G	U	0.0925	0.100
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	0.911	0.225	13986-29-5	PCI/G	U	0.204	1.00
01: 0-0.5 ft	08/04/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	0.199	0.188	15117-96-1	PCI/G	U	0.338	0.500

SEAD-48
Soil Sampling Results
SDG 84843

Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_C
01: 0-0.5 ft SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	0.280	1.67	7440-61-1	PCI/G U		1.98	1.00
01: 0-0.5 ft SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.0139	0.0464	13982-36-0	PCI/G U		0.0826	0.300
01: 0-0.5 ft SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0199	0.112	13982-39-3	PCI/G U		0.182	0.300
01: 0-0.5 ft SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.00863	0.093	13967-71-0	PCI/G U		0.168	0.200
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Actinium-228	EML HASL 300, 4.5.2.3	1.04	0.270	14331-83-0	PCI/G U		0.246	0.800
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0432	0.159	14596-10-2	PCI/G U		0.186	0.200
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0312	0.0508	14693-10-4	PCI/G U		0.095	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0635	0.0826	14234-35-6	PCI/G U		0.139	0.200
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Barium-133	EML HASL 300, 4.5.2.3	-0.271	0.0629	13981-41-4	PCI/G U		0.0617	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Barium-140	EML HASL 300, 4.5.2.3	-0.563	2.05	14798-08-4	PCI/G U		3.54	0.500
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.0862	0.439	13966-02-4	PCI/G U		0.800	0.700
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.565	0.416	14913-49-6	PCI/G U		0.505	0.500
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.838	0.170	14733-03-0	PCI/G U		0.109	0.200
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00436	0.0309		PCI/G U		0.0531	0.050
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Cerium-141	EML HASL 300, 4.5.2.3	0.00571	0.152	13967-74-3	PCI/G U		0.219	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0442	0.191	14762-78-8	PCI/G U		0.323	0.500
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.054	13967-70-9	PCI/G U		0.0852	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	0.504	0.857	14234-29-8	PCI/G U		1.66	0.300
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0367	0.0346	10045-97-3	PCI/G U		0.0663	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.212	0.865	14392-02-0	PCI/G U		1.42	0.600
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Chromium-56	EML HASL 300, 4.5.2.3	0.0163	0.0496		PCI/G U		0.0818	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00204	0.0522	13981-50-5	PCI/G U		0.0418	0.050
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.0325	0.030	10198-40-0	PCI/G U		0.100	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.0459	0.0846	14683-23-9	PCI/G U		0.0529	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0531	0.122	15585-10-1	PCI/G U		0.157	0.200
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	0.126	0.090	14391-16-3	PCI/G U		0.210	0.500
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.00182	0.0452	14694-69-0	PCI/G U		0.0754	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Iron-59	EML HASL 300, 4.5.2.3	0.00288	0.155	14596-12-4	PCI/G U		0.260	0.300
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	0.968	3.95	14255-04-0	PCI/G U		6.38	4.00
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	1.12	0.157	15092-94-1	PCI/G U		0.0886	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	0.770	0.140	15067-28-4	PCI/G U		0.101	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0137	0.0361	13966-31-9	PCI/G U		0.0658	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	-0.0199	0.0693	13982-78-0	PCI/G U		0.114	0.100
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.259	6.24	14289-74-0	PCI/G U		11.1	1000
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.151	0.159	13968-59-7	PCI/G U		0.260	2.00
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.0186	0.0394	14681-63-1	PCI/G U		0.0553	1.00
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	-0.0383	0.114	13967-76-5	PCI/G U		0.166	0.050
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	21.5	2.57	13966-00-2	PCI/G U		0.618	1.00
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0181	0.035		PCI/G U		0.0641	0.080
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	-0.00892	0.0444		PCI/G U		0.0681	1.00
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	0.838	0.170	13982-63-3	PCI/G U		0.109	1.00
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Radium-228	EML HASL 300, 4.5.2.3	1.04	0.270	15262-20-1	PCI/G U		0.186	0.500
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.00575	0.318	13967-48-1	PCI/G U		0.563	0.800
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.016	0.0395		PCI/G U		0.0577	0.080
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.019	0.0446	13966-32-0	PCI/G U		0.0769	0.080
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.361	0.0787	14913-50-9	PCI/G U		0.0687	0.080
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	0.838	0.170	14269-63-7	PCI/G U		0.109	1.00
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	1.06	0.148	7440-29-1	PCI/G U		0.0838	0.500
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	1.40	1.64	15065-10-8	PCI/G U		2.05	2.00
02: 0-0.5'-3 SAMPLE	08/04/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	0.000409	0.0511	13966-06-8	PCI/G U		0.0913	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
02: 0-0.5'-3	08/04/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	0.934	0.262	13966-29-5	PCI/G	U	0.191	1.00
02: 0-0.5'-3	08/04/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0095	0.254	15117-96-1	PCI/G	U	0.323	0.500
02: 0-0.5'-3	08/04/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	1.400	1.64	7440-61-1	PCI/G	U	2.05	1.00
02: 0-0.5'-3	08/04/03	08/26/03	08/27/03	09/28/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.00397	0.0337	13982-36-0	PCI/G	U	0.0692	0.100
02: 0-0.5'-3	08/04/03	08/26/03	08/27/03	09/28/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0466	0.0971	13982-39-3	PCI/G	U	0.166	0.300
02: 0-0.5'-3	08/04/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0277	0.099	13967-71-0	PCI/G	U	0.179	0.200
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	1.01	0.313	14331-83-0	PCI/G	U	0.220	0.800
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.106	0.174	14596-10-2	PCI/G	U	0.276	0.200
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.028	0.049	14683-10-4	PCI/G	U	0.0833	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Barium-133	EML HASL 300, 4.5.2.3	-0.00438	0.0747	14234-35-6	PCI/G	U	0.135	0.200
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Barium-140	EML HASL 300, 4.5.2.3	0.00315	0.0379	13981-41-4	PCI/G	U	0.0582	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.0314	1.69	14798-08-4	PCI/G	U	3.07	0.500
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	-0.469	0.417	13966-02-4	PCI/G	U	0.682	0.700
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.348	0.421	14913-49-6	PCI/G	U	0.454	0.500
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	0.601	0.161	14733-03-0	PCI/G	U	0.103	0.200
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0111	0.028	13967-74-3	PCI/G	U	0.050	0.050
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0201	0.171	14762-78-8	PCI/G	U	0.301	0.500
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0685	13967-70-9	PCI/G	UUU	0.0745	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.408	0.936	14234-29-8	PCI/G	U	1.32	0.300
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0766	0.0448	10045-97-3	PCI/G	U	0.0567	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.581	0.793	14392-02-0	PCI/G	U	1.28	0.600
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0632	0.0478	13981-50-5	PCI/G	U	0.0856	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00426	0.0213	13981-38-9	PCI/G	U	0.0375	0.050
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0128	0.0582	10198-40-0	PCI/G	U	0.0873	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00298	0.0305	14683-23-9	PCI/G	U	0.0567	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	0.00673	0.0773	15585-10-1	PCI/G	U	0.133	0.200
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	0.109	0.110	14391-16-3	PCI/G	U	0.221	0.500
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-155	EML HASL 300, 4.5.2.3	0.0624	0.0882	14694-69-0	PCI/G	U	0.162	0.500
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00564	0.0386	14596-12-4	PCI/G	U	0.067	0.300
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	5.18	6.15	14255-04-0	PCI/G	U	10.8	4.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	1.07	0.148	15092-94-1	PCI/G	U	0.0805	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	0.850	0.154	15067-28-4	PCI/G	U	0.0922	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0466	0.0423	13986-31-9	PCI/G	U	0.0568	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00	0.070	13982-78-0	PCI/G	UUU	0.0933	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	2.56	5.61	14269-74-0	PCI/G	U	10.3	1000
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0358	0.150	13968-59-7	PCI/G	U	0.264	2.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00893	0.0318	14681-63-1	PCI/G	U	0.0573	1.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	-0.0288	0.108	13967-76-5	PCI/G	U	0.161	0.050
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	26.4	3.05	13966-00-2	PCI/G	U	0.444	1.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.0229	0.0322	14913-50-9	PCI/G	U	0.0534	0.080
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	0.601	0.0391	14289-63-7	PCI/G	U	0.0603	1.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	1.01	0.313	15282-20-1	PCI/G	U	0.103	1.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.283	0.280	13967-48-1	PCI/G	U	0.449	0.800
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.0141	0.0364	13966-32-0	PCI/G	U	0.0542	0.080
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	0.039	0.0401	14913-50-9	PCI/G	U	0.0805	0.080
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.289	0.0737	14289-63-7	PCI/G	U	0.058	0.080
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	0.601	0.161	14289-63-7	PCI/G	U	0.103	1.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	1.01	0.141	7440-29-1	PCI/G	U	0.0763	0.500

SEAD-48
Soil Sampling Results
SDG 84843

Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_C
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	0.680	2.23	15065-10-8	PCI/G	U	2.33	2.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	0.0157	0.0497	13966-06-8	PCI/G	U	0.0862	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	0.814	0.179	13966-29-5	PCI/G	U	0.169	1.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0249	0.213	15117-96-1	PCI/G	U	0.291	0.500
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	0.680	2.23	7440-61-1	PCI/G	U	2.33	1.00
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.0014	0.0266	13982-36-0	PCI/G	U	0.0542	0.100
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Zinc-65	EML HASL 300, 4.5.2.3	0.00221	0.0932	13982-39-3	PCI/G	U	0.150	0.300
03:0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0549	0.0898	13967-71-0	PCI/G	U	0.169	0.200
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Actinium-228	EML HASL 300, 4.5.2.3	1.08	0.301	14331-83-0	PCI/G	U	0.215	0.800
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	0.0267	0.136	14596-10-2	PCI/G	U	0.220	0.200
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0246	0.0454	14683-10-4	PCI/G	U	0.0844	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0374	0.0754	14234-35-6	PCI/G	U	0.140	0.200
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Barium-133	EML HASL 300, 4.5.2.3	0.00124	0.0395	13981-41-4	PCI/G	U	0.063	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Barium-140	EML HASL 300, 4.5.2.3	-1.28	1.68	14798-08-4	PCI/G	U	2.72	0.500
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.206	0.409	13966-02-4	PCI/G	U	0.762	0.700
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.667	0.362	14913-49-6	PCI/G	U	0.448	0.200
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.829	0.150	14733-03-0	PCI/G	U	0.0926	0.200
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.00993	0.0305	13967-74-3	PCI/G	U	0.0517	0.050
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0979	0.120	13967-74-3	PCI/G	U	0.216	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0751	0.182	14762-78-8	PCI/G	U	0.322	0.500
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00576	0.0576	13967-70-9	PCI/G	U	0.0694	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	0.452	0.706	14234-29-8	PCI/G	U	1.37	0.300
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	0.120	0.0526	10045-97-3	PCI/G	U	0.0532	0.600
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.353	0.780	14392-02-0	PCI/G	U	1.38	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0102	0.0461	14992-90-0	PCI/G	U	0.0827	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00205	0.0227	13981-50-5	PCI/G	U	0.0398	0.050
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.00165	0.041	13981-38-9	PCI/G	U	0.0726	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.0126	0.0301	10198-40-0	PCI/G	U	0.0527	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	-0.00908	0.081	14683-23-9	PCI/G	U	0.145	0.200
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	-0.015	0.113	15585-10-1	PCI/G	U	0.175	0.500
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-155	EML HASL 300, 4.5.2.3	0.0797	0.0877	14391-16-3	PCI/G	U	0.160	0.500
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.00354	0.0402	14694-69-0	PCI/G	U	0.0727	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Iron-59	EML HASL 300, 4.5.2.3	0.0116	0.143	14596-12-4	PCI/G	U	0.263	0.300
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	0.725	3.41	14255-04-0	PCI/G	U	5.61	4.00
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	1.16	0.161	15092-94-1	PCI/G	U	0.0841	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	0.870	0.166	15067-28-4	PCI/G	U	0.103	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0192	0.0349	13966-31-9	PCI/G	U	0.0638	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0377	0.0582	13982-78-0	PCI/G	U	0.109	0.100
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	3.01	5.19	14269-74-0	PCI/G	U	9.71	1000
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.163	0.191	13968-59-7	PCI/G	U	0.262	2.00
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.00683	0.0288	14681-83-1	PCI/G	U	0.0495	1.00
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	-0.0399	0.102	13967-76-5	PCI/G	U	0.148	0.050
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	25.6	2.92	13966-00-2	PCI/G	U	0.373	1.00
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00216	0.0282	---	PCI/G	U	0.0503	0.080
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0234	0.0315	---	PCI/G	U	0.0599	1.00
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	0.829	0.150	13982-83-3	PCI/G	U	0.0926	1.00
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Radium-228	EML HASL 300, 4.5.2.3	1.08	0.301	15262-20-1	PCI/G	U	0.215	0.500
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.161	0.270	13967-48-1	PCI/G	U	0.453	0.800
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0137	0.0359	---	PCI/G	U	0.058	0.080
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.00591	0.0412	13966-32-0	PCI/G	U	0.0638	0.080
04: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.382	0.0957	14913-50-9	PCI/G	U	0.0528	0.080

SEAD-48
Soil Sampling Results
SDG 84843

Seneca Army Depot Activity

Sample Type	Coll. date	Rec. date	Ext. date	Anal. date	Parameter	Method	Lab Result	Uncertainty	Cas. num	Units	Lab Qual	MDL	CRDL
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	0.829	0.150	14269-63-7	PCI/G		0.0926	1.00
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	1.10	0.153	7440-29-1	PCI/G		0.0787	0.500
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	2.60	1.76	15065-10-8	PCI/G		1.81	2.00
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	0.0223	0.045	13966-08-8	PCI/G	U	0.0836	0.100
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	0.808	0.231	13966-29-5	PCI/G		0.199	1.00
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	-0.0902	0.182	15117-96-1	PCI/G	U	0.307	0.500
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	2.60	1.76	7440-61-1	PCI/G		1.81	1.00
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0285	0.0304	13982-36-0	PCI/G	U	0.0699	0.100
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.175	0.101	13982-39-3	PCI/G	U	0.153	0.300
04; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0499	0.0875	13967-71-0	PCI/G	U	0.162	0.200
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Actinium-228	EML HASL 300, 4.5.2.3	0.696	0.136	14331-83-0	PCI/G		0.0865	0.800
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	-0.115	0.116	14596-10-2	PCI/G	U	0.171	0.200
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0285	0.0248	14683-10-4	PCI/G	U	0.0417	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	0.050	0.0358	14234-35-6	PCI/G	U	0.0673	0.200
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0144	0.0206	13981-41-4	PCI/G	U	0.0297	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Barium-140	EML HASL 300, 4.5.2.3	0.635	0.963	14798-08-4	PCI/G	U	1.51	0.500
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.0357	0.220	13966-02-4	PCI/G	U	0.373	0.700
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.544	0.211	14913-48-6	PCI/G		0.193	0.500
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.599	0.079	14733-03-0	PCI/G		0.0453	0.200
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.00245	0.0156	13967-74-3	PCI/G	U	0.0273	0.050
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0296	0.0728	13967-70-9	PCI/G	U	0.115	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	0.052	0.101	14762-78-8	PCI/G	U	0.181	0.500
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	0.000	0.0299	13967-70-9	PCI/G	U	0.0339	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	0.118	0.359	14234-28-8	PCI/G	U	0.623	0.300
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	0.110	0.023	10045-97-3	PCI/G		0.0266	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.359	0.421	14392-02-0	PCI/G	U	0.702	0.600
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.00398	0.0223	13981-50-5	PCI/G	U	0.0381	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00759	0.0125	13981-38-9	PCI/G	U	0.0225	0.050
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.00652	0.0228	10198-40-0	PCI/G	U	0.0389	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00476	0.015	14255-04-0	PCI/G	U	0.027	0.200
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0179	0.0405	14683-23-9	PCI/G	U	0.0681	0.200
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0267	0.0496	15589-10-1	PCI/G	U	0.0807	0.500
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-155	EML HASL 300, 4.5.2.3	0.0297	0.0571	14391-16-3	PCI/G	U	0.0654	0.500
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Indium-192	EML HASL 300, 4.5.2.3	-0.0128	0.0208	14694-69-0	PCI/G	U	0.0349	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0141	0.0741	14598-12-4	PCI/G	U	0.124	0.300
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	5.54	4.79	14255-04-0	PCI/G	U	7.59	4.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	1.01	0.096	15092-94-1	PCI/G		0.0432	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	0.755	0.0904	15067-28-4	PCI/G		0.0485	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00587	0.0161	13966-31-9	PCI/G	U	0.0283	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	0.000	0.0611	13982-78-0	PCI/G	U	0.0521	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.580	2.91	14269-74-0	PCI/G	U	4.54	1000
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0595	0.0849	13968-59-7	PCI/G	U	0.149	2.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	0.000115	0.0128	14681-63-1	PCI/G	U	0.0223	1.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0749	0.0648	13967-76-5	PCI/G	U	0.0759	0.050
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	19.4	1.34	13966-00-2	PCI/G		0.227	1.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.00785	0.014	13968-59-7	PCI/G	U	0.0238	0.080
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	0.000913	0.0178	13982-63-3	PCI/G	U	0.0301	1.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	0.599	0.079	15262-20-1	PCI/G		0.0865	0.500
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Radium-228	EML HASL 300, 4.5.2.3	0.696	0.136	15262-20-1	PCI/G		0.0865	0.500
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.00535	0.132	13967-48-1	PCI/G	U	0.232	0.800
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	0.00251	0.0174	13967-48-1	PCI/G	U	0.0267	0.080

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0097	0.0181	13966-32-0	PCI/G	U	0.0295	0.080
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.284	0.0441	14913-50-9	PCI/G	U	0.0242	0.080
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	0.599	0.079	14269-63-7	PCI/G	U	0.0453	1.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	0.954	0.0909	7440-29-1	PCI/G	U	0.0409	0.500
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	0.347	0.916	15065-10-8	PCI/G	U	1.40	2.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	-0.00146	0.0243	13966-06-8	PCI/G	U	0.0411	1.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	0.901	0.133	13966-29-5	PCI/G	U	0.0931	1.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0568	0.156	15117-96-1	PCI/G	U	0.160	0.500
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	0.347	0.916	7440-61-1	PCI/G	U	1.40	1.00
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.00521	0.0169	13982-36-0	PCI/G	U	0.0309	0.100
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0163	0.0489	13982-39-3	PCI/G	U	0.0697	0.300
05; 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0182	0.0413	13987-71-0	PCI/G	U	0.0731	0.200
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Actinium-228	EML HASL 300, 4.5.2.3	0.993	0.177	14331-83-0	PCI/G	U	0.0731	0.800
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0703	0.0771	14596-10-2	PCI/G	U	0.121	0.200
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	0.00844	0.0222	14683-10-4	PCI/G	U	0.0342	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	0.000837	0.0313	14234-35-6	PCI/G	U	0.055	0.200
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Barium-133	EML HASL 300, 4.5.2.3	-0.00237	0.0198	13981-41-4	PCI/G	U	0.0226	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Barium-140	EML HASL 300, 4.5.2.3	0.147	0.665	14798-08-4	PCI/G	U	1.14	0.500
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.801	0.264	13966-02-4	PCI/G	U	0.318	0.700
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.704	0.193	14913-49-6	PCI/G	U	0.162	0.500
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.000926	0.101	14733-03-0	PCI/G	U	0.0399	0.200
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00152	0.0115	13987-74-3	PCI/G	U	0.0196	0.050
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0359	0.0575	14762-78-8	PCI/G	U	0.0764	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	0.00611	0.0708	14762-78-8	PCI/G	U	0.123	0.500
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	0.000	0.0228	13987-70-9	PCI/G	UUJ	0.0302	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.0165	0.314	14234-29-8	PCI/G	U	0.521	0.300
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	0.133	0.0288	10045-97-3	PCI/G	U	0.0239	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	0.429	0.416	14392-02-0	PCI/G	U	0.492	0.600
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00152	0.0196	13981-50-5	PCI/G	U	0.0331	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00799	0.00894	10198-40-0	PCI/G	U	0.0152	0.050
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.00484	0.020	13981-38-9	PCI/G	U	0.0334	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00568	0.0327	14683-23-9	PCI/G	U	0.0543	0.200
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	0.044	0.0452	15586-10-1	PCI/G	U	0.0715	0.500
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	0.044	0.0547	14391-16-3	PCI/G	U	0.0608	0.500
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Europium-155	EML HASL 300, 4.5.2.3	0.0143	0.0189	14694-69-0	PCI/G	U	0.028	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.0481	0.0592	14596-12-4	PCI/G	U	0.0993	0.300
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Iron-59	EML HASL 300, 4.5.2.3	0.840	3.77	14255-04-0	PCI/G	U	4.24	4.00
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	1.01	0.114	15092-94-1	PCI/G	U	0.0318	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	0.866	0.114	15092-94-1	PCI/G	U	0.0361	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	0.00828	0.0147	13982-78-0	PCI/G	UUJ	0.0253	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00	0.0377	13982-78-0	PCI/G	UUJ	0.0392	0.100
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	-0.73	2.20	14269-74-0	PCI/G	U	3.77	1000
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.0195	0.0605	13968-59-7	PCI/G	U	0.106	2.00
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.00173	0.012	14681-63-1	PCI/G	U	0.0204	1.00
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00	0.0604	13967-76-5	PCI/G	UUJ	0.0682	0.050
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	22.9	2.31	13966-00-2	PCI/G	U	0.184	1.00
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	0.000181	0.0151	13967-76-5	PCI/G	UUJ	0.0226	0.080
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00325	0.0146	13982-78-0	PCI/G	UUJ	0.0257	1.00
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	0.704	0.101	13982-63-3	PCI/G	U	0.0399	1.00
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	0.993	0.177	15262-20-1	PCI/G	U	0.0731	0.500
06; 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Radium-228	EML HASL 300, 4.5.2.3	0.993	0.177	15262-20-1	PCI/G	U	0.0731	0.500

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_C
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0536	0.118	13967-48-1	PCI/G U	U	0.205	0.800
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0149	0.0145		PCI/G U	U	0.023	0.080
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0232	0.0164	13966-32-0	PCI/G U	U	0.0261	0.080
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.296	0.0444	14913-50-9	PCI/G		0.0214	0.080
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	0.704	0.101	14269-63-7	PCI/G		0.0399	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	0.957	0.108	7440-29-1	PCI/G		0.0301	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	1.28	0.922	15065-10-8	PCI/G		0.936	2.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0142	0.0199	13966-06-8	PCI/G U	U	0.0317	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	0.750	0.119	13966-29-5	PCI/G		0.0762	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0636	0.102	15117-96-1	PCI/G U	U	0.121	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	1.28	0.922	7440-61-1	PCI/G		0.936	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Uranium-88	EML HASL 300, 4.5.2.3	0.0188	0.0411	13962-36-0	PCI/G U	U	0.0273	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0164	0.0446	13967-71-0	PCI/G U	U	0.0641	0.300
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0188	0.0411	13962-39-3	PCI/G U	U	0.0641	0.300
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Actinium-228	EML HASL 300, 4.5.2.3	0.899	0.179	13967-71-0	PCI/G U	U	0.0641	0.300
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	0.0735	0.0792	14331-83-0	PCI/G		0.101	0.800
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0221	0.0275	14596-10-2	PCI/G U	U	0.134	0.200
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0115	0.0456	14683-10-4	PCI/G U	U	0.0446	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0111	0.0233	14234-35-6	PCI/G U	U	0.0768	0.200
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.122	0.965	13981-41-4	PCI/G U	U	0.0344	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.0979	0.285	14798-08-4	PCI/G U	U	1.63	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.401	0.209	13966-02-4	PCI/G U	U	0.428	0.700
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	0.0263	0.027	14913-49-6	PCI/G		0.209	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cerium-141	EML HASL 300, 4.5.2.3	0.106	0.0687	14733-03-0	PCI/G		0.0497	0.200
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0693	0.116	13967-74-3	PCI/G U	U	0.120	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0279	14762-78-8	PCI/G U	U	0.191	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.453	0.386	14234-29-8	PCI/G U	U	0.630	0.300
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	0.249	0.0354	10045-97-3	PCI/G		0.0273	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.39	0.481	14392-02-0	PCI/G U	U	0.807	0.600
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0131	0.0267	14392-02-0	PCI/G U	U	0.0448	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.0098	0.0142	13981-50-5	PCI/G U	U	0.0235	0.050
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.1032	0.030	13981-38-9	PCI/G U	U	0.0424	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.0084	0.0215	10198-40-0	PCI/G U	U	0.0304	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	0.0533	0.047	14683-23-9	PCI/G U	U	0.080	0.200
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	0.00223	0.0561	15585-10-1	PCI/G U	U	0.0991	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Europium-155	EML HASL 300, 4.5.2.3	0.00656	0.0541	14391-16-3	PCI/G U	U	0.0896	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.0706	0.0237	14694-69-0	PCI/G U	U	0.0409	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Iron-59	EML HASL 300, 4.5.2.3	3.30	0.075	14596-12-4	PCI/G U	U	0.123	0.300
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	0.01	2.59	14255-04-0	PCI/G U	U	3.46	4.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	4.51	0.520	15092-94-1	PCI/G		0.0474	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	-0.0118	0.0218	15067-28-4	PCI/G		0.0562	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00	0.0412	13966-31-9	PCI/G U	U	0.0303	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	-2.37	3.03	13982-78-0	PCI/G U	U	0.0584	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.484	0.0958	14269-74-0	PCI/G U	U	4.94	1000
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0155	0.0175	13966-59-7	PCI/G U	U	0.157	2.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00	0.0573	14681-63-1	PCI/G U	U	0.0269	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	22.0	2.25	13967-76-5	PCI/G U	U	0.0894	0.050
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	-0.0097	0.0169	13966-00-2	PCI/G		0.268	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0265	0.0214		PCI/G U	U	0.0275	0.080
SAMPLE	08/06/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0265	0.0214		PCI/G U	U	0.037	1.00

**SEAD-48
Soil Sampling Results
SDG 84843**

Seneca Army Depot Activity

Sample_Type	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	3.73	0.427	13982-63-3	PCI/G		0.0497	1.00
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Radium-228	EML HASL 300, 4.5.2.3	0.899	0.179	15262-20-1	PCI/G		0.101	0.500
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0223	0.149	13967-48-1	PCI/G	U	0.251	0.800
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00235	0.0194		PCI/G	U	0.0282	0.080
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	0.0193	0.0204	13966-32-0	PCI/G	U	0.0362	0.080
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.261	0.044	14913-50-9	PCI/G	U	0.0302	0.080
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	3.73	0.427	14269-63-7	PCI/G		0.0497	1.00
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	0.955	0.113	7440-29-1	PCI/G		0.045	0.500
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	2.47	1.13	15065-10-8	PCI/G		1.06	2.00
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	-0.00731	0.0278	13966-06-8	PCI/G	U	0.047	0.100
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	4.44	0.540	13966-29-5	PCI/G		0.112	1.00
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	0.292	0.166	15117-96-1	PCI/G		0.192	0.500
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	2.47	1.13	7440-61-1	PCI/G		1.06	1.00
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.0133	0.0193	13982-36-0	PCI/G	U	0.0312	0.100
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0402	0.0512	13982-39-3	PCI/G	U	0.0727	0.300
07: 0-0.5 ft	08/06/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.0104	0.0491	13967-71-0	PCI/G	U	0.0807	0.200
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Actinium-228	EML HASL 300, 4.5.2.3	0.645	0.137	14331-83-0	PCI/G		0.0639	0.800
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0558	0.0765	14596-10-2	PCI/G	U	0.111	0.200
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.00685	0.0189	14663-10-4	PCI/G	U	0.032	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	0.00902	0.0295	14234-35-6	PCI/G	U	0.049	0.200
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Barium-133	EML HASL 300, 4.5.2.3	0.000588	0.0149	13981-41-4	PCI/G	U	0.0217	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Barium-140	EML HASL 300, 4.5.2.3	0.0498	0.627	14798-06-4	PCI/G	U	1.08	0.500
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.0408	0.154	13966-02-4	PCI/G	U	0.266	0.700
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.501	0.175	14913-49-6	PCI/G		0.139	0.500
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	1.11	0.138	14733-03-0	PCI/G		0.0346	0.200
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00649	0.0135		PCI/G	U	0.0207	0.050
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0364	0.0607	13967-74-3	PCI/G	U	0.0822	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.047	0.077	14762-78-8	PCI/G	U	0.132	0.500
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0226	13967-70-9	PCI/G	U	0.0238	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	0.00345	0.264	14234-29-8	PCI/G	U	0.438	0.300
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0932	0.0205	10045-97-3	PCI/G		0.0178	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	0.105	0.354	14392-02-0	PCI/G	U	0.525	0.600
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.00238	0.0166		PCI/G	U	0.0278	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00201	0.00941	13981-50-5	PCI/G	U	0.0164	0.050
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0195	0.0171	13981-38-9	PCI/G	U	0.0273	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00117	0.0105	10198-40-0	PCI/G	U	0.018	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	-0.00651	0.0306	14683-23-9	PCI/G	U	0.0508	0.200
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0207	0.0347	15585-10-1	PCI/G	U	0.058	0.500
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Europium-155	EML HASL 300, 4.5.2.3	-0.0141	0.0373	14391-16-3	PCI/G	U	0.0649	0.500
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00811	0.0158	14694-69-0	PCI/G	U	0.0268	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0531	0.0507	14596-12-4	PCI/G	U	0.0796	0.300
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	-0.0466	2.29	14255-04-0	PCI/G	U	3.43	4.00
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	0.777	0.0907	15092-94-1	PCI/G		0.0305	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	1.35	0.160	15067-28-4	PCI/G		0.0365	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.0054	0.0122	13966-31-9	PCI/G	U	0.0202	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	0.019	0.0235	13982-78-0	PCI/G	U	0.0401	0.100
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.379	1.93	14269-74-0	PCI/G	U	3.31	1000
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0292	0.064	13968-59-7	PCI/G	U	0.111	2.00
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00437	0.00966	14661-63-1	PCI/G	U	0.0166	1.00
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0215	0.0819	13967-76-5	PCI/G	U	0.0472	0.050
08: 0-0.5 ft	08/05/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	16.3	1.66	13966-00-2	PCI/G		0.168	1.00

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00427	0.0107		PCI/G	U	0.0184	0.080
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	0.00931	0.135		PCI/G	U	0.0226	1.00
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	1.11	0.138	13982-63-3	PCI/G	U	0.0346	1.00
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Radium-228	EML HASL 300, 4.5.2.3	0.645	0.137	15262-20-1	PCI/G	U	0.0639	0.500
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.00823	0.098	13967-48-1	PCI/G	U	0.168	0.800
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0144	0.0122		PCI/G	U	0.019	0.080
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.00748	0.0127	13966-32-0	PCI/G	U	0.0212	0.080
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.223	0.0318	14913-50-9	PCI/G	U	0.018	0.080
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	1.11	0.138	14269-63-7	PCI/G	U	0.0346	1.00
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	0.735	0.0859	7440-29-1	PCI/G	U	0.0289	0.500
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	0.939	0.938	15065-10-8	PCI/G	U	0.883	2.00
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	0.0104	0.0179	13966-06-8	PCI/G	U	0.030	0.100
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	1.40	0.185	13966-29-5	PCI/G	U	0.0735	1.00
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	0.143	0.156	15117-96-1	PCI/G	U	0.129	0.500
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	0.839	0.938	7440-61-1	PCI/G	U	0.883	1.00
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.00124	0.0115	13982-36-0	PCI/G	U	0.0196	0.100
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0019	0.0319	13982-39-3	PCI/G	U	0.0478	0.300
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	1.07	0.0399	13967-71-0	PCI/G	U	0.0564	0.200
08; 0-0.5 ft SAMPLE	08/05/03	08/26/03	08/27/03	09/28/03	Actinium-228	EML HASL 300, 4.5.2.3	0.0274	0.0606	14331-83-0	PCI/G	U	0.177	0.800
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	0.0274	0.0606	14596-10-2	PCI/G	U	0.0875	0.200
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0333	0.0445	14683-10-4	PCI/G	U	0.0701	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0219	0.0716	14234-35-6	PCI/G	U	0.117	0.200
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Barium-130	EML HASL 300, 4.5.2.3	0.286	0.0351	13981-41-4	PCI/G	U	0.0495	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.073	0.371	13966-02-4	PCI/G	U	0.161	0.700
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.681	0.389	14913-49-6	PCI/G	U	0.403	0.500
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	0.732	0.142	14733-03-0	PCI/G	U	0.0894	0.200
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cerium-141	EML HASL 300, 4.5.2.3	-0.0101	0.024		PCI/G	U	0.0372	0.050
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	0.134	0.0873	13967-74-3	PCI/G	U	0.141	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	-0.0204	0.151	14762-78-8	PCI/G	U	0.237	0.500
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	0.0133	0.0461	13967-70-9	PCI/G	U	0.0559	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.274	0.446	14234-29-8	PCI/G	U	0.732	0.300
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	0.338	0.0647	10045-97-3	PCI/G	U	0.049	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.0054	0.595	14392-02-0	PCI/G	U	1.00	0.600
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.000952	0.0409		PCI/G	U	0.0696	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.0325	0.0383	13981-50-5	PCI/G	U	0.0281	0.050
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00425	0.0311	13981-38-9	PCI/G	U	0.0628	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	0.0335	0.0883	10198-40-0	PCI/G	U	0.115	0.200
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	-0.00992	0.109	15585-10-1	PCI/G	U	0.158	0.500
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Europium-155	EML HASL 300, 4.5.2.3	0.00	0.077	14391-16-3	PCI/G	U	0.105	0.500
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Indium-192	EML HASL 300, 4.5.2.3	-0.00337	0.0324	14694-69-0	PCI/G	U	0.0537	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0965	0.118	14596-12-4	PCI/G	U	0.191	0.300
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	1.12	0.144	14255-04-0	PCI/G	U	0.978	4.00
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	1.12	0.144	15092-94-1	PCI/G	U	0.0624	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	0.768	0.130	15067-28-4	PCI/G	U	0.0799	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.00357	0.030	13966-31-9	PCI/G	U	0.0511	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0506	0.0605	13982-78-0	PCI/G	U	0.073	0.100
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	2.75	2.61	14269-74-0	PCI/G	U	5.50	1000
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.00165	0.127	13968-59-7	PCI/G	U	0.201	2.00
08; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.00707	0.028	14681-63-1	PCI/G	U	0.045	1.00

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0192	0.081	13967-76-5	PCI/G	U	0.123	0.050
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	25.3	2.57	13966-00-2	PCI/G	U	0.473	1.00
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0211	0.0297		PCI/G	U	0.0498	0.080
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	0.00803	0.0326		PCI/G	U	0.0542	1.00
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	0.732	0.142	13982-63-3	PCI/G	U	0.0834	1.00
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Radium-228	EML HASL 300, 4.5.2.3	1.07	0.229	15262-20-1	PCI/G	U	0.177	0.500
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0759	0.257	13967-48-1	PCI/G	U	0.427	0.800
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0125	0.032		PCI/G	U	0.0469	0.080
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.00374	0.0396	13966-32-0	PCI/G	U	0.0574	0.080
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.375	0.0767	14913-50-9	PCI/G	U	0.0451	0.080
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	0.732	0.142	14269-63-7	PCI/G	U	0.0834	1.00
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	1.07	0.137	7440-29-1	PCI/G	U	0.0595	0.500
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	1.35	0.929	15065-10-8	PCI/G	U	0.794	2.00
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0148	0.0379	13966-06-8	PCI/G	U	0.062	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	0.841	0.177	13966-29-5	PCI/G	U	0.150	1.00
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	0.071	0.146	15117-96-1	PCI/G	U	0.231	0.500
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	1.35	0.929	7440-61-1	PCI/G	U	0.794	1.00
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0229	0.0355	13982-36-0	PCI/G	U	0.0672	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0167	0.0884	13982-39-3	PCI/G	U	0.128	0.300
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.0121	0.077	13967-71-0	PCI/G	U	0.131	0.200
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Actinium-228	EML HASL 300, 4.5.2.3	1.04	0.195	14331-83-0	PCI/G	U	0.102	0.800
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Americium-241	EML HASL 300, 4.5.2.3	0.00257	0.0813	14596-10-2	PCI/G	U	0.101	0.200
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0321	0.0259	14683-10-4	PCI/G	U	0.042	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0701	0.0518	14234-36-6	PCI/G	U	0.0742	0.200
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Barium-133	EML HASL 300, 4.5.2.3	0.00347	0.0215	13981-41-4	PCI/G	U	0.0312	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Barium-140	EML HASL 300, 4.5.2.3	0.815	0.792	14798-08-4	PCI/G	U	1.09	0.500
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.0533	0.253	13966-02-4	PCI/G	U	0.355	0.700
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.605	0.195	14913-49-6	PCI/G	U	0.208	0.500
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Bismuth-214	EML HASL 300, 4.5.2.3	4.14	0.481	14733-03-0	PCI/G	U	0.0486	0.200
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.00392	0.0181		PCI/G	U	0.0286	0.050
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cerium-141	EML HASL 300, 4.5.2.3	0.00	0.0918	13967-74-3	PCI/G	UUI	0.107	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0167	0.122	14762-78-8	PCI/G	U	0.175	0.500
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0	0.0272	13967-70-9	PCI/G	UUI	0.0327	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.112	0.276	14234-29-8	PCI/G	U	0.443	0.300
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cesium-137	EML HASL 300, 4.5.2.3	0.122	0.0275	10045-97-3	PCI/G	U	0.027	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.0456	0.450	14392-02-0	PCI/G	U	0.653	0.600
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.00451	0.0238		PCI/G	U	0.0391	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.0141	0.0136	13981-50-5	PCI/G	U	0.0223	0.050
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.0157	0.0263	13981-38-9	PCI/G	U	0.0388	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00753	0.0177	10198-40-0	PCI/G	U	0.0294	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Europium-152	EML HASL 300, 4.5.2.3	-0.00829	0.0451	14883-23-9	PCI/G	U	0.0739	0.200
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0198	0.0536	15585-10-1	PCI/G	U	0.089	0.500
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Europium-155	EML HASL 300, 4.5.2.3	0.0353	0.0389	14391-16-3	PCI/G	U	0.0822	0.500
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.00506	0.0219	14694-69-0	PCI/G	U	0.0361	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Iron-59	EML HASL 300, 4.5.2.3	0.0316	0.0693	14596-12-4	PCI/G	U	0.114	0.300
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Lead-210	EML HASL 300, 4.5.2.3	3.75	2.09	14255-04-0	PCI/G	U	2.03	4.00
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Lead-212	EML HASL 300, 4.5.2.3	0.968	0.107	15092-94-1	PCI/G	U	0.0534	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Lead-214	EML HASL 300, 4.5.2.3	4.97	0.531	15067-28-4	PCI/G	U	0.0513	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00686	0.025	13966-31-9	PCI/G	U	0.0314	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0282	0.0354	13982-78-0	PCI/G	U	0.0827	0.100
B09; 0.5-2 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Neodymium-147	EML HASL 300, 4.5.2.3	1.12	2.23	14269-74-0	PCI/G	U	3.19	1000

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll date	Rec date	Ext date	Anal date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.061	0.0943	13968-59-7	PCI/G U	U	0.150	2.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0247	0.0195	14681-63-1	PCI/G U	U	0.0259	1.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00	0.0601	13967-76-5	PCI/G UUI	UUI	0.0855	0.050
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Potassium-40	EML HASL 300, 4.5.2.3	24.5	1.87	13966-00-2	PCI/G U	U	0.261	1.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0147	0.0158		PCI/G U	U	0.0269	0.080
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0282	0.0208		PCI/G U	U	0.0346	1.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Radium-226	EML HASL 300, 4.5.2.3	4.14	0.481	13982-63-3	PCI/G U	U	0.0486	1.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Radium-228	EML HASL 300, 4.5.2.3	1.04	0.195	15282-20-1	PCI/G U	U	0.102	0.500
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.0419	0.141	13967-48-1	PCI/G U	U	0.236	0.800
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0177	0.0185		PCI/G U	U	0.0267	0.080
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.00733	0.0195	13966-32-0	PCI/G U	U	0.0324	0.080
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Thallium-208	EML HASL 300, 4.5.2.3	0.316	0.0426	14913-50-9	PCI/G U	U	0.026	0.080
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Thorium-230	EML HASL 300, 4.5.2.3	4.14	0.481	14289-63-7	PCI/G U	U	0.0486	1.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Thorium-232	EML HASL 300, 4.5.2.3	0.922	0.102	7440-29-1	PCI/G U	U	0.0509	0.500
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Thorium-234	EML HASL 300, 4.5.2.3	0.997	0.844	15065-10-8	PCI/G U	U	0.878	2.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Tin-113	EML HASL 300, 4.5.2.3	0.0163	0.0285	13966-06-8	PCI/G U	U	0.0416	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Uranium-234	EML HASL 300, 4.5.2.3	4.78	0.593	13966-29-5	PCI/G U	U	0.105	1.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Uranium-235	EML HASL 300, 4.5.2.3	0.281	0.158	15117-96-1	PCI/G U	U	0.170	0.500
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Uranium-238	EML HASL 300, 4.5.2.3	0.997	0.844	7440-61-1	PCI/G U	U	0.878	1.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0312	0.0189	13982-36-0	PCI/G U	U	0.0356	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Zinc-66	EML HASL 300, 4.5.2.3	0.0111	0.0434	13967-71-0	PCI/G U	U	0.0728	0.200
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/28/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.774	0.258	14331-83-0	PCI/G U	U	0.172	0.800
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	0.0091	0.0507	13982-39-3	PCI/G U	U	0.0747	0.300
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	0.0655	0.105	14596-10-2	PCI/G U	U	0.172	0.200
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0227	0.0414	14683-10-4	PCI/G U	U	0.069	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0162	0.067	14234-35-6	PCI/G U	U	0.120	0.200
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Barium-130	EML HASL 300, 4.5.2.3	-0.0066	0.0317	13981-41-4	PCI/G U	U	0.0458	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.716	0.949	14798-08-4	PCI/G U	U	1.95	0.500
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.135	0.353	13966-02-4	PCI/G U	U	0.605	0.700
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.543	0.407	14913-49-6	PCI/G U	U	0.369	0.500
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	0.630	0.133	14733-03-0	PCI/G U	U	0.0851	0.200
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0813	0.0228	13967-74-3	PCI/G U	U	0.0376	0.050
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	-0.095	0.141	14762-78-8	PCI/G U	U	0.142	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	0.193	0.0427	13967-70-9	PCI/G U	U	0.232	0.500
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	0.0856	0.0347	14234-29-8	PCI/G U	U	0.0576	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0397	0.594	10045-97-3	PCI/G U	U	0.809	0.300
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00546	0.0174	14392-02-0	PCI/G U	U	0.0407	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.00235	0.0146	13981-50-5	PCI/G U	U	0.0683	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.0014	0.0325	13981-38-9	PCI/G U	U	0.0304	0.050
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	0.00621	0.0676	10198-40-0	PCI/G U	U	0.0698	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	0.0104	0.0919	14683-23-9	PCI/G U	U	0.113	0.200
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00974	0.0702	15585-10-1	PCI/G U	U	0.166	0.500
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0564	0.104	14391-16-3	PCI/G U	U	0.128	0.500
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	0.738	3.13	14694-69-0	PCI/G U	U	0.0559	0.100
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	0.812	0.114	14596-12-4	PCI/G U	U	0.179	0.300
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	0.761	0.135	14255-04-0	PCI/G U	U	4.53	4.00
309; 0-0.5 ft SAMPLE	08/12/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.00875	0.031	15092-94-1	PCI/G U	U	0.0759	0.100
									15067-28-4	PCI/G U	U	0.0804	0.100
									13966-31-9	PCI/G U	U	0.045	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll. date	Rec. date	Ext. date	Anal. date	Parameter	Method	Lab Result	Uncertainty	Gas_num	Units	Lab_Qual	MDL	CRDL
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00586	0.0473	13982-78-0	PCI/G	U	0.0792	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.472	3.07	14269-74-0	PCI/G	U	5.34	1000
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0904	0.122	13968-99-7	PCI/G	U	0.215	2.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00504	0.0247	14681-63-1	PCI/G	U	0.0434	1.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.1003	0.0733	13967-76-5	PCI/G	U	0.113	0.050
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	19.2	2.44	13966-00-2	PCI/G	U	0.515	1.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.0142	0.0249		PCI/G	U	0.0411	0.080
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0139	0.0284		PCI/G	U	0.0519	1.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	0.630	0.133	13982-63-3	PCI/G	U	0.0851	1.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	0.774	0.258	15262-20-1	PCI/G	U	0.172	0.500
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0205	0.232	13967-48-1	PCI/G	U	0.409	0.800
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00573	0.0282		PCI/G	U	0.0423	0.080
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	0.0037	0.0334	13966-32-0	PCI/G	U	0.0605	0.080
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.274	0.0588	14913-50-9	PCI/G	U	0.0436	0.080
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	0.630	0.133	14269-63-7	PCI/G	U	0.0851	1.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	0.774	0.109	7440-29-1	PCI/G	U	0.0723	0.500
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	1.01	1.26	15065-10-8	PCI/G	U	1.40	2.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	-0.00832	0.0399	13966-06-8	PCI/G	U	0.0648	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	0.784	0.187	13966-29-5	PCI/G	U	0.157	1.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	1.01	1.26	15117-96-1	PCI/G	U	1.40	1.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	0.00516	0.0302	7440-61-1	PCI/G	U	0.0587	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0269	0.0834	13982-36-0	PCI/G	U	0.135	0.300
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0113	0.0708	13982-39-3	PCI/G	U	0.121	0.200
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.891	0.231	13967-71-0	PCI/G	U	0.196	0.800
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	0.0759	0.141	14331-83-0	PCI/G	U	0.209	0.200
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0209	0.0479	14596-10-2	PCI/G	U	0.209	0.200
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0209	0.0806	14683-10-4	PCI/G	U	0.0752	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0257	0.0806	14234-35-6	PCI/G	U	0.120	0.200
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0149	0.0345	13981-41-4	PCI/G	U	0.0514	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	0.300	1.21	14798-08-4	PCI/G	U	2.12	0.500
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.205	0.390	13966-02-4	PCI/G	U	0.652	0.700
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	1.10	0.435	14913-49-6	PCI/G	U	0.357	0.500
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	1.17	0.206	14733-03-0	PCI/G	U	0.0873	0.200
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	0.0391	0.0269	13967-74-3	PCI/G	U	0.0441	0.050
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0983	0.0983	13967-74-3	PCI/G	U	0.165	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0753	0.169	14762-78-8	PCI/G	U	0.278	0.500
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0238	0.058	13967-70-6	PCI/G	U	0.0677	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.144	0.521	14234-29-8	PCI/G	U	0.786	0.300
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0368	0.0245	10045-97-3	PCI/G	U	0.0561	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.388	0.679	14392-02-0	PCI/G	U	1.06	0.600
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.0131	0.0388	14392-02-0	PCI/G	U	0.0643	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00272	0.0206	13981-50-5	PCI/G	U	0.0345	0.050
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0567	0.0444	13981-38-9	PCI/G	U	0.0664	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.0346	0.0296	10198-40-0	PCI/G	U	0.0591	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0864	0.070	14682-23-9	PCI/G	U	0.114	0.200
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	0.0171	0.0969	15585-10-1	PCI/G	U	0.174	0.500
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Europium-155	EML HASL 300, 4.5.2.3	0.00	0.121	14391-16-3	PCI/G	UUU	0.133	0.500
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Iridium-192	EML HASL 300, 4.5.2.3	0.0192	0.0375	14694-69-0	PCI/G	U	0.0627	0.100
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	0.0454	0.119	14596-12-4	PCI/G	U	0.218	0.300
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	0.749	3.46	14255-04-0	PCI/G	U	5.36	4.00
B10; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	0.948	0.131	15092-94-1	PCI/G	U	0.0821	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab_Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CF
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	1.27	0.190	15067-28-4	PCI/G		0.0834	0.100
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00	0.075	13966-31-9	PCI/G	UU	0.0469	0.100
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0314	0.0561	13982-78-0	PCI/G	U	0.0845	0.100
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.792	3.88	14269-74-0	PCI/G	U	5.78	1000
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0296	0.140	13968-59-7	PCI/G	U	0.236	2.00
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0139	0.0249	14681-63-1	PCI/G	U	0.0444	1.00
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.048	0.081	13967-61-5	PCI/G	U	0.128	0.050
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	20.5	2.30	13966-00-2	PCI/G	U	0.544	1.00
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00445	0.0277		PCI/G	U	0.048	0.080
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.014	0.0344		PCI/G	U	0.061	1.00
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	1.17	0.206	13982-63-3	PCI/G		0.0873	1.00
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	0.891	0.231	15262-20-1	PCI/G		0.196	0.500
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.232	0.291	13967-48-1	PCI/G	U	0.471	0.800
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	0.019	0.0173		PCI/G	U	0.0515	0.080
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	0.310	0.0352	13966-32-0	PCI/G	U	0.0633	0.080
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Thallium-206	EML HASL 300, 4.5.2.3	0.904	0.0723	14913-50-9	PCI/G		0.0536	0.080
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	1.17	0.206	14269-63-7	PCI/G		0.0873	1.00
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	0.904	0.125	7440-29-1	PCI/G		0.0782	0.500
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	2.41	1.57	15065-10-8	PCI/G		1.83	2.00
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0107	0.0427	13966-06-8	PCI/G	U	0.0731	0.100
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	1.37	0.258	13966-29-5	PCI/G		0.158	1.00
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	0.192	0.166	15117-96-1	PCI/G	U	0.281	0.500
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	2.41	1.57	7440-61-1	PCI/G		1.83	1.00
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.00762	0.0267	13982-36-0	PCI/G	U	0.0478	0.100
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	0.00556	0.0827	13982-36-0	PCI/G	U	0.129	0.300
SAMPLE													
B11; 0.5-2	08/12/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0373	0.0804	13967-71-0	PCI/G	U	0.142	0.200
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	0.823	0.232	14331-83-0	PCI/G		0.186	0.800
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0121	0.251	14596-10-2	PCI/G	U	0.375	0.200
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0398	0.0507	14683-10-4	PCI/G	U	0.0847	0.100
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0242	0.0926	14234-35-6	PCI/G	U	0.158	0.200
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Barium-130	EML HASL 300, 4.5.2.3	-0.0268	0.0444	13981-41-4	PCI/G	U	0.0628	0.100
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	-0.427	1.31	14798-08-4	PCI/G	U	2.27	0.500
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	3.27	0.416	13966-02-4	PCI/G	U	0.741	0.700
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	0.0208	0.0421	14913-49-6	PCI/G		0.438	0.500
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.00	0.203	14733-03-0	PCI/G		0.066	0.050
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.158	0.235	13967-74-3	PCI/G	UU	0.225	0.100
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0422	0.0551	14762-78-8	PCI/G	U	0.402	0.500
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	0.0303	0.0536	13967-70-9	PCI/G	U	0.067	0.100
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	0.337	0.066	14234-29-8	PCI/G	U	0.925	0.300
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.326	0.071	10045-97-3	PCI/G	U	0.0503	0.100
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0156	0.0414	14392-02-0	PCI/G	U	1.41	0.600
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.011	0.0291	13981-50-5	PCI/G	U	0.0507	0.050
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.0614	0.0511	13981-38-9	PCI/G	U	0.0859	0.100
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.0256	0.0319	10198-40-0	PCI/G	U	0.0525	0.100
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	0.0153	0.0949	14683-23-9	PCI/G	U	0.162	0.200
SAMPLE													
B11; 0.0-5	08/12/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	0.00593	0.0982	15585-10-1	PCI/G	U	0.176	0.500

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll date	Rec date	Ext date	Anal date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	1.54	7.11	14255-04-0	PCI/G	U	10.9	4.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	0.664	0.121	15092-94-1	PCI/G	U	0.124	0.100
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	4.00	0.489	15067-28-4	PCI/G	U	0.111	0.100
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.0327	0.0371	13966-31-9	PCI/G	U	0.0598	0.100
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	-0.0128	0.066	13982-78-0	PCI/G	U	0.112	0.100
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	-1.28	3.82	14289-74-0	PCI/G	U	6.64	1000
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.000324	0.202	13968-59-7	PCI/G	U	0.358	2.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0146	0.0279	14681-63-1	PCI/G	U	0.0503	1.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00	0.102	13967-76-5	PCI/G	UUI	0.171	0.050
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	17.3	2.16	13966-00-2	PCI/G	U	0.509	1.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00686	0.0294		PCI/G	U	0.0523	0.080
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0151	0.0396		PCI/G	U	0.0681	1.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	3.27	0.416	13982-63-3	PCI/G	U	0.0919	1.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	0.823	0.232	15282-20-1	PCI/G	U	0.186	0.500
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.235	0.260	13967-48-1	PCI/G	U	0.484	0.800
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0257	0.0343		PCI/G	U	0.056	0.080
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	0.00223	0.0358	13966-32-0	PCI/G	U	0.0641	0.080
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.277	0.068	14913-50-9	PCI/G	U	0.0527	0.080
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	3.27	0.416	14269-63-7	PCI/G	U	0.0919	1.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	6.633	0.116	7440-29-1	PCI/G	U	0.118	0.500
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	7.63	2.94	15065-10-8	PCI/G	U	2.90	2.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0141	0.0522	13966-06-8	PCI/G	U	0.0869	0.100
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	3.82	0.529	13966-29-5	PCI/G	U	0.227	1.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	7.92	0.532	15117-96-1	PCI/G	U	0.447	0.500
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	7.63	2.94	7440-61-1	PCI/G	U	2.90	1.00
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.0131	0.035	13982-36-0	PCI/G	U	0.0601	0.100
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.00688	0.0942	13982-39-3	PCI/G	U	0.144	0.300
B11; 0-0.5	08/12/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.0431	0.0817	13967-71-0	PCI/G	U	0.137	0.200
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	1.04	0.252	14331-83-0	PCI/G	U	0.161	0.800
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	0.0981	0.159	14596-10-2	PCI/G	U	0.240	0.200
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0227	0.0382	14683-10-4	PCI/G	U	0.0691	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0131	0.0626	14234-35-6	PCI/G	U	0.112	0.200
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0299	0.0301	13981-41-4	PCI/G	U	0.0461	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	0.739	1.07	14798-08-4	PCI/G	U	1.92	0.500
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.32	0.330	13966-02-4	PCI/G	U	0.542	0.700
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.472	0.338	14913-49-6	PCI/G	U	0.325	0.500
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.666	0.132	14733-03-0	PCI/G	U	0.0799	0.200
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.00516	0.0215		PCI/G	U	0.0361	0.050
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0288	0.085	13967-74-3	PCI/G	U	0.133	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0396	0.140	14762-76-8	PCI/G	U	0.231	0.500
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	0.035	0.0614	13967-70-9	PCI/G	U	0.0627	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	0.0943	0.432	14234-29-8	PCI/G	U	0.759	0.300
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.00231	0.0263	10045-97-3	PCI/G	U	0.0455	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	0.313	0.537	14392-02-0	PCI/G	U	0.927	0.600
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0235	0.0386		PCI/G	U	0.0699	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00699	0.0172	13981-50-5	PCI/G	U	0.0301	0.050
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.011	0.0368	13981-38-9	PCI/G	U	0.0656	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.018	0.0285	10198-40-0	PCI/G	U	0.0477	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0238	0.0622	14683-23-9	PCI/G	U	0.101	0.200
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0524	0.114	15585-10-1	PCI/G	U	0.165	0.500
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Europium-155	EML HASL 300, 4.5.2.3	0.0568	0.0742	14391-16-3	PCI/G	U	0.123	0.500

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.00646	0.0293	14694-69-0	PCI/G	U	0.0482	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	0.0475	0.112	14596-12-4	PCI/G	U	0.207	0.300
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	1.25	5.19	14255-04-0	PCI/G	U	8.83	4.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	0.914	0.119	15092-94-1	PCI/G	U	0.0595	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	0.876	0.131	15087-28-4	PCI/G	U	0.0751	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.000549	0.0293	13966-31-9	PCI/G	U	0.0503	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00765	0.0468	13982-78-0	PCI/G	U	0.0707	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	-1.15	2.72	14289-74-0	PCI/G	U	4.64	1000
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0554	0.117	13988-59-7	PCI/G	U	0.205	2.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0119	0.0236	14681-63-1	PCI/G	U	0.0423	1.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.102	0.0795	13987-76-5	PCI/G	U	0.116	0.050
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	22.4	2.52	13986-00-2	PCI/G	U	0.423	1.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0215	0.0245		PCI/G	U	0.0452	0.080
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0104	0.0272		PCI/G	U	0.0494	1.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	0.666	0.132	13982-63-3	PCI/G	U	0.0799	1.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	1.04	0.252	15282-20-1	PCI/G	U	0.161	0.500
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0135	0.222	13987-48-1	PCI/G	U	0.390	0.800
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00191	0.0232		PCI/G	U	0.0405	0.080
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0194	0.0413		PCI/G	U	0.060	0.080
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.308	0.0676	13986-32-0	PCI/G	U	0.0441	0.800
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	0.666	0.132	14913-50-9	PCI/G	U	0.0799	1.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	0.871	0.113	14289-63-9	PCI/G	U	0.0441	0.800
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	1.11	2.64	7440-29-1	PCI/G	U	0.0587	0.500
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	0.00347	0.0377	15065-10-8	PCI/G	U	1.85	2.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	0.891	0.211	13966-06-8	PCI/G	U	0.0625	0.100
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	0.170	0.236	13966-29-5	PCI/G	U	0.144	1.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	1.11	2.64	15117-96-1	PCI/G	U	0.213	0.500
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0161	0.030	7440-61-1	PCI/G	U	1.85	1.00
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.00584	0.0772	13982-39-3	PCI/G	U	0.120	0.300
B11; 2-4	08/12/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.0407	0.123	13987-71-0	PCI/G	U	0.125	0.200
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	0.278	0.146	14331-83-0	PCI/G	U	0.0857	0.800
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0137	0.0574	14596-10-2	PCI/G	U	0.107	0.200
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	0.010	0.0233	14683-10-4	PCI/G	U	0.0434	0.100
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	8.360E-05	0.0356	14234-35-6	PCI/G	U	0.0657	0.200
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	0.0044	0.0192	13981-41-4	PCI/G	U	0.032	0.100
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	-0.344	0.792	14798-08-4	PCI/G	U	1.38	0.500
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.131	0.202	13966-02-4	PCI/G	U	0.353	0.700
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.188	0.189	14913-49-6	PCI/G	U	0.209	0.500
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.522	0.0944	14733-03-0	PCI/G	U	0.0479	0.200
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0222	0.0151		PCI/G	U	0.0248	0.050
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0362	0.0653	13967-74-3	PCI/G	U	0.102	0.100
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0462	0.0909	14762-78-8	PCI/G	U	0.168	0.500
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	-0.000789	0.0162	13967-70-9	PCI/G	U	0.0289	0.100
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	0.0138	0.308	14234-29-8	PCI/G	U	0.560	0.300
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.343	0.366	14392-02-0	PCI/G	U	0.0281	0.100
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.0257	0.0246		PCI/G	U	0.039	0.100
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00821	0.0106	13981-50-5	PCI/G	U	0.0199	0.050
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0127	0.022	13981-38-9	PCI/G	U	0.0371	0.100
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00923	0.0141	10198-40-0	PCI/G	U	0.0241	0.100
B11; 2-4	08/06/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	0.0136	0.0364	14683-23-9	PCI/G	U	0.0691	0.200

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_C
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	0.020	0.0392	15585-10-1	PCI/G	U	0.0705	0.500
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Europium-155	EML HASL 300, 4.5.2.3	0.0208	0.0406	14391-16-3	PCI/G	U	0.0762	0.500
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Indium-192	EML HASL 300, 4.5.2.3	0.108	0.0179	14694-69-0	PCI/G	U	0.0346	0.100
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	-0.00142	0.0606	14596-12-4	PCI/G	U	0.112	0.300
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	3.11	4.30	14255-04-0	PCI/G		2.71	4.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	0.307	0.059	15092-94-1	PCI/G		0.0405	0.100
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	0.558	0.0961	15067-28-4	PCI/G		0.0489	0.100
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	0.000266	0.0161	13966-31-9	PCI/G	U	0.0286	0.100
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00794	0.028	13982-78-0	PCI/G	U	0.0531	0.100
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	-1.31	2.44	14269-74-0	PCI/G	U	4.27	1000
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0	0.160	13968-59-7	PCI/G	UU	0.138	2.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	0.000611	0.012	14681-63-1	PCI/G	U	0.0217	1.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	5.57	0.0444	13967-76-5	PCI/G	U	0.180	1.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	0.00653	0.0155	13966-00-2	PCI/G	U	0.0263	0.080
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.00248	0.0159	13982-63-3	PCI/G	U	0.029	1.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.522	0.0944	15262-20-1	PCI/G	U	0.0679	1.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	0.278	0.146	15262-20-1	PCI/G	U	0.0657	0.500
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	0.0707	0.135	13967-48-1	PCI/G	U	0.232	0.800
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.0128	0.0147	13966-32-0	PCI/G	U	0.0244	0.080
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	0.00719	0.0143	14913-50-9	PCI/G	U	0.0249	0.080
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	0.101	0.0342	14913-50-9	PCI/G	U	0.0479	1.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.522	0.0944	14249-63-7	PCI/G	U	0.0384	0.500
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	0.290	0.0559	7440-29-1	PCI/G	U	0.0384	0.500
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	1.54	1.20	15065-10-8	PCI/G	U	0.858	2.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	-0.00804	0.0212	13966-06-8	PCI/G	U	0.0383	0.100
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	0.592	0.140	13966-29-5	PCI/G	U	0.0995	1.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	0.074	0.128	15117-96-1	PCI/G	U	0.155	0.500
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	1.54	1.20	7440-61-1	PCI/G	U	0.958	1.00
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	0.000377	0.0153	13982-36-0	PCI/G	U	0.0297	0.100
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.0761	0.0458	13982-39-3	PCI/G	U	0.071	0.300
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0388	0.0422	13967-71-0	PCI/G	U	0.0772	0.200
B12; 0.5-2	08/06/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	1.17	0.265	14331-83-0	PCI/G	U	0.175	0.800
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	0.0514	0.112	14596-10-2	PCI/G	U	0.204	0.200
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	0.0138	0.0429	14683-10-4	PCI/G	U	0.0752	0.100
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0582	0.144	14234-35-6	PCI/G	U	0.119	0.200
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0311	0.0356	13981-41-4	PCI/G	U	0.0522	0.100
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	1.68	1.78	14798-08-4	PCI/G	U	2.78	0.500
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	0.262	0.405	13966-02-4	PCI/G	U	0.706	0.700
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.728	0.406	14913-49-6	PCI/G	U	0.363	0.500
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	2.83	0.310	14733-03-0	PCI/G	U	0.0836	0.200
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.138	0.0295		PCI/G	U	0.046	0.050
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	0.132	0.119	13967-74-3	PCI/G	U	0.181	0.100
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0909	0.158	14762-78-8	PCI/G	U	0.277	0.500
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0	0.0486	13967-70-9	PCI/G	UU	0.0613	0.100
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	-0.266	0.701	14234-29-8	PCI/G	U	1.19	0.300
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	0.158	0.0453	10045-97-3	PCI/G	U	0.0458	0.100
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0955	0.701	14392-02-0	PCI/G	U	1.24	0.600
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	0.0053	0.0412		PCI/G	U	0.0735	0.100
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00861	0.0199	13981-50-5	PCI/G	U	0.0351	0.050
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.0345	0.0442	13981-38-9	PCI/G	U	0.0748	0.100
B12; 0.0-5	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3							

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab_Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00526	0.0354	10198-40-0	PCI/G	U	0.0604	0.100
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	0.0481	0.0702	14683-23-9	PCI/G	U	0.128	0.200
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0286	0.0981	15585-10-1	PCI/G	U	0.166	0.500
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Europium-155	EML HASL 300, 4.5.2.3	0.104	0.0989	14391-16-3	PCI/G	U	0.129	0.600
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.0104	0.0343	14694-69-0	PCI/G	U	0.0603	0.100
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0843	0.133	14596-12-4	PCI/G	U	0.221	0.300
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	5.15	5.41	14255-04-0	PCI/G	U	5.40	4.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	1.04	0.134	15092-94-1	PCI/G	U	0.0856	0.100
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	3.42	0.388	15067-28-4	PCI/G	U	0.0816	0.100
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00891	0.0351	13966-31-9	PCI/G	U	0.0555	0.100
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0265	0.0609	13982-78-0	PCI/G	U	0.0923	0.100
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.161	5.49	14289-74-0	PCI/G	U	8.37	1000
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.00918	0.133	13968-59-7	PCI/G	U	0.233	2.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0201	0.0261	14681-63-1	PCI/G	U	0.0462	1.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.118	0.0958	13967-76-5	PCI/G	U	0.154	0.050
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	20.9	1.77	13966-00-2	PCI/G	U	0.537	1.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00915	0.0264	13966-00-2	PCI/G	U	0.0451	0.080
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0366	0.0318	13966-00-2	PCI/G	U	0.0584	1.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	2.83	0.310	13982-63-3	PCI/G	U	0.0836	1.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	1.17	0.265	15282-20-1	PCI/G	U	0.175	0.500
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.149	0.258	13967-48-1	PCI/G	U	0.457	0.800
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	0.00826	0.0329	13966-32-0	PCI/G	U	0.0502	0.080
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0105	0.0358	14913-63-9	PCI/G	U	0.0606	0.080
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.309	0.0765	14913-63-9	PCI/G	U	0.0459	0.080
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	2.83	0.310	14289-74-0	PCI/G	U	0.0836	1.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	0.988	0.127	7440-29-1	PCI/G	U	0.0811	0.500
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	3.19	1.86	15085-10-8	PCI/G	U	1.63	2.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0473	0.0426	13966-06-8	PCI/G	U	0.071	0.100
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	3.63	0.479	13966-29-5	PCI/G	U	0.180	1.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	0.291	0.255	15117-96-1	PCI/G	U	0.282	0.500
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	3.19	1.86	7440-61-1	PCI/G	U	1.63	1.00
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0358	0.0761	13982-36-0	PCI/G	U	0.0607	0.100
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.015	0.0856	13982-39-3	PCI/G	U	0.127	0.300
B12; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.0278	0.0852	13967-71-0	PCI/G	U	0.141	0.200
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	1.01	0.290	14331-83-0	PCI/G	U	0.180	0.800
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	0.00379	0.037	14596-10-2	PCI/G	U	0.0644	0.200
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0349	0.0468	14683-10-4	PCI/G	U	0.0789	0.100
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0337	0.0785	14234-35-6	PCI/G	U	0.130	0.200
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0211	0.0344	13981-41-4	PCI/G	U	0.0495	0.100
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	3.41	3.24	14798-08-4	PCI/G	U	3.50	0.500
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.00618	0.395	13966-02-4	PCI/G	U	0.730	0.700
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.929	0.440	14913-49-6	PCI/G	U	0.441	0.500
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.947	0.183	14733-03-0	PCI/G	U	0.0975	0.200
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0132	0.0229	13967-74-3	PCI/G	U	0.0402	0.050
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0302	0.114	14762-78-8	PCI/G	U	0.168	0.100
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.137	0.147	14672-78-8	PCI/G	U	0.253	0.500
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0784	0.0637	13967-70-9	PCI/G	U	0.0802	0.100
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.646	0.718	14234-29-8	PCI/G	U	1.20	0.300
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0902	0.0569	10045-97-3	PCI/G	U	0.0541	0.100
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.378	0.694	14392-02-0	PCI/G	U	1.16	0.600
B13; 0-0.5	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00342	0.0541	14392-02-0	PCI/G	U	0.0851	0.100

SEAD-48
Soil Sampling Results
SDG 84843

Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CFI
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00602	0.0172	13981-50-5	PCI/G	U	0.0322	0.050
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0472	0.0501	13981-38-9	PCI/G	U	0.0795	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.0238	0.0504	10198-40-0	PCI/G	U	0.0652	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	2.580E-05	0.0712	14683-23-9	PCI/G	U	0.124	0.200
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	0.071	0.0979	15585-10-1	PCI/G	U	0.195	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Europium-155	EML HASL 300, 4.5.2.3	0.0195	0.0666	14391-16-3	PCI/G	U	0.114	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00915	0.0354	14694-69-0	PCI/G	U	0.0634	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	-0.109	0.154	14586-12-4	PCI/G	U	0.262	0.300
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	0.898	0.572	14255-04-0	PCI/G	U	0.582	4.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	0.926	0.165	15032-94-1	PCI/G	U	0.0672	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	0.952	0.180	15087-28-4	PCI/G	U	0.0903	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0208	0.0367	13986-31-9	PCI/G	U	0.0683	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0713	0.0891	13982-78-0	PCI/G	U	0.0828	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.687	5.13	14289-74-0	PCI/G	U	9.51	1000
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0141	0.113	13988-59-7	PCI/G	U	0.208	2.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.0105	0.029	14681-63-1	PCI/G	U	0.0501	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0895	0.103	13967-76-5	PCI/G	U	0.177	0.050
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	19.6	2.30	13986-00-2	PCI/G	U	0.958	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.0384	0.0306		PCI/G	U	0.0474	0.080
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	-0.00389	0.0346		PCI/G	U	0.0932	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	0.947	0.183	13982-63-3	PCI/G	U	0.0675	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	1.01	0.290	15282-20-1	PCI/G	U	0.180	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0462	0.288	13967-48-1	PCI/G	U	0.528	0.800
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	0.00456	0.0364		PCI/G	U	0.0586	0.080
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.261	0.0692	13986-32-0	PCI/G	U	0.0715	0.080
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	0.947	0.183	14913-50-9	PCI/G	U	0.0518	0.080
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	0.877	0.156	14269-63-7	PCI/G	U	0.0975	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	1.19	0.651	15085-10-8	PCI/G	U	0.649	2.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0211	0.0451	13966-06-8	PCI/G	U	0.0748	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	1.16	0.262	13966-29-5	PCI/G	U	0.153	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0543	0.204	15117-96-1	PCI/G	U	0.260	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	1.19	0.651	7440-61-1	PCI/G	U	0.649	1.00
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.0109	0.0349	13982-36-0	PCI/G	U	0.0557	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.101	0.102	13982-39-3	PCI/G	U	0.168	0.300
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0336	0.0879	13967-71-0	PCI/G	U	0.164	0.200
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	0.00	0.239	14331-83-0	PCI/G	U	0.303	0.800
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	0.184	0.254	14596-10-2	PCI/G	U	0.432	0.200
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0329	0.0486	14683-10-4	PCI/G	U	0.0855	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.00883	0.112	14234-35-6	PCI/G	U	0.195	0.200
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0347	0.0534	13981-41-4	PCI/G	U	0.0804	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	1.64	1.99	14798-08-4	PCI/G	U	1.65	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.537	0.571	13986-02-4	PCI/G	U	0.810	0.700
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.098	0.285	14913-49-6	PCI/G	U	0.527	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	9.54	0.917	14733-03-0	PCI/G	U	0.121	0.200
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0114	0.0406		PCI/G	U	0.0748	0.050
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.174	0.159	13967-74-3	PCI/G	U	0.224	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	0.321	0.437	14762-78-8	PCI/G	U	0.458	0.500
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0268	0.0403	13967-70-9	PCI/G	U	0.0756	0.100
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	0.0834	0.377	14234-29-8	PCI/G	U	0.677	0.300
SAMPLE	08/06/03	08/26/03	08/27/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0469	0.0586	10045-97-3	PCI/G	U	0.0613	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab_Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CRF
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.674	0.727	14392-02-0	PCI/G U		1.24	0.600
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.108	0.0507		PCI/G U		0.0917	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00426	0.0302	13981-50-5	PCI/G U		0.0575	0.050
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0126	0.0526	13981-38-9	PCI/G U		0.081	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.0144	0.0405	10198-40-0	PCI/G U		0.0718	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	0.00481	0.109	14693-23-9	PCI/G U		0.193	0.200
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	-0.075	0.116	15595-10-1	PCI/G U		0.200	0.500
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Europium-155	EML HASL 300, 4.5.2.3	0.0199	0.116	14391-16-3	PCI/G U		0.223	0.500
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Iridium-192	EML HASL 300, 4.5.2.3	0.0615	0.0485	14694-69-0	PCI/G U		0.0906	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0173	0.124	14596-12-4	PCI/G U		0.215	0.300
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	18.0	16.2	14255-04-0	PCI/G		15.4	4.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	0.309	0.119	15092-94-1	PCI/G		0.114	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	11.6	1.12	15067-28-4	PCI/G		0.135	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.000502	0.0402	13966-31-9	PCI/G U		0.0716	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	-0.0257	0.0645	13982-78-0	PCI/G U		0.114	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	2.15	5.05	14269-74-0	PCI/G U		3.88	1000
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.16	0.212	13968-59-7	PCI/G U		0.396	2.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	0.057	0.0332	14681-63-1	PCI/G U		0.0654	1.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00	0.0812	13967-76-5	PCI/G U		0.148	0.050
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	5.93	1.05	13966-00-2	PCI/G		0.734	1.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0105	0.0317		PCI/G U		0.0589	0.080
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.037	0.0662		PCI/G U		0.0865	1.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	9.54	0.917	13992-63-3	PCI/G		0.121	1.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	0.00	0.239	15282-20-1	PCI/G U		0.303	0.500
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.183	0.291	13967-48-1	PCI/G U		0.511	0.800
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	0.00686	0.0366		PCI/G U		0.0601	0.080
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0272	0.0418	13986-32-0	PCI/G U		0.0724	0.080
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.115	0.0634	14913-50-9	PCI/G		0.0593	0.080
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	9.54	0.917	14289-63-7	PCI/G		0.121	1.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	0.297	0.114	7440-29-1	PCI/G		0.109	0.500
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	11.4	3.91	15085-10-8	PCI/G		3.19	2.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0231	0.0594	13986-06-8	PCI/G U		0.102	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	11.4	1.20	13966-29-5	PCI/G		0.274	1.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	0.601	0.534	15117-96-1	PCI/G		0.494	0.500
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	11.4	3.91	7440-61-1	PCI/G		3.19	1.00
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.103	0.0413	13982-36-3	PCI/G U		0.0733	0.100
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	0.00105	0.110	13992-39-3	PCI/G U		0.168	0.300
SAMPLE	08/21/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.031	0.0826	13967-71-0	PCI/G U		0.154	0.200
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	-0.306	0.312	14331-83-0	PCI/G		0.290	0.800
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0193	0.066	14596-10-2	PCI/G U		0.0851	0.200
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0174	0.0978	14683-10-4	PCI/G U		0.103	0.100
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	0.0225	0.0437	14234-35-6	PCI/G U		0.169	0.200
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	1.17	1.46	13981-41-4	PCI/G U		0.0802	0.100
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.243	0.517	14798-08-4	PCI/G U		2.78	0.500
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.554	0.521	13986-02-4	PCI/G U		0.856	0.700
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.830	0.192	14913-49-6	PCI/G U		0.133	0.200
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0199	0.0324	14733-03-0	PCI/G		0.051	0.050
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0245	0.137	13967-74-3	PCI/G U		0.191	0.100
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0352	0.196	14792-78-8	PCI/G U		0.323	0.500
SAMPLE	08/11/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0375	0.0491	13967-70-9	PCI/G U		0.0961	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab_Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.00823	0.851	14234-29-8	PCI/G	U	1.51	0.300
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.0146	0.0452	10045-97-3	PCI/G	U	0.080	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	0.0107	0.838	14392-02-0	PCI/G	U	1.49	0.600
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.00499	0.0625	13981-50-5	PCI/G	U	0.0368	0.050
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00624	0.0223	13981-38-9	PCI/G	U	0.112	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0516	0.0679	10198-40-0	PCI/G	U	0.0926	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.0185	0.0463	14683-23-9	PCI/G	U	0.152	0.200
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	0.0849	0.102	15565-10-1	PCI/G	U	0.265	0.500
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0246	0.145	14931-16-3	PCI/G	U	0.142	0.500
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Europium-155	EML HASL 300, 4.5.2.3	-0.00874	0.0939	14694-69-0	PCI/G	U	0.0799	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Iridium-192	EML HASL 300, 4.5.2.3	0.0253	0.0427	14596-12-4	PCI/G	U	0.381	0.300
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	0.113	0.202	14255-04-0	PCI/G	U	0.719	4.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	1.29	1.01	15092-94-1	PCI/G	U	0.0881	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	0.840	0.143	15087-28-4	PCI/G	U	0.135	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	0.661	0.172	13966-31-9	PCI/G	U	0.0888	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00411	0.0488	13982-78-0	PCI/G	U	0.117	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.016	0.0645	14269-74-0	PCI/G	U	9.02	1000
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	1.97	4.93	13988-59-7	PCI/G	U	0.262	2.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0236	0.153	14681-63-1	PCI/G	U	0.0617	1.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.0172	0.0355	13967-76-5	PCI/G	U	0.214	0.050
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0964	0.109	13966-00-2	PCI/G	U	0.511	1.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	16.3	2.20	13982-63-3	PCI/G	U	0.0785	1.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0165	0.0399	15262-20-1	PCI/G	U	0.133	1.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.830	0.0442	13967-48-1	PCI/G	U	0.715	0.800
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	0.00467	0.192	13966-32-0	PCI/G	U	0.0965	0.080
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	0.865	0.312	14913-50-9	PCI/G	U	0.0726	0.080
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.295	0.361	14269-63-7	PCI/G	U	0.133	1.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	0.00671	0.0448	7440-29-1	PCI/G	U	0.901	2.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.00928	0.0527	15065-10-8	PCI/G	U	0.198	1.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.266	0.0926	13966-29-5	PCI/G	U	0.335	0.500
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	0.829	0.192	7440-29-1	PCI/G	U	0.901	1.00
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	0.800	0.136	13982-36-0	PCI/G	U	0.0753	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	1.40	1.01	13982-39-3	PCI/G	U	0.209	0.300
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0283	0.0502	13967-71-0	PCI/G	U	0.240	0.200
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	0.799	0.252	14331-83-0	PCI/G	U	0.314	0.800
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0455	0.254	14596-10-2	PCI/G	U	0.178	0.200
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	1.40	1.01	14893-10-4	PCI/G	U	0.129	0.100
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.00843	0.0384	14234-35-6	PCI/G	U	0.214	0.200
B14; 4-6in	08/11/03	08/26/03	08/27/03	09/29/03	Zinc-66	EML HASL 300, 4.5.2.3	0.111	0.111	13981-41-4	PCI/G	U	0.0901	0.100
B14; 4-6in	08/10/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0974	0.123	14798-08-4	PCI/G	U	3.69	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	1.46	0.406	13966-02-4	PCI/G	U	1.08	0.700
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	0.00589	0.109	14913-49-6	PCI/G	U	0.598	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0603	0.0824	14733-03-0	PCI/G	U	0.158	0.200
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0427	0.116	14913-49-6	PCI/G	U	0.158	0.200
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	0.00653	0.0557	14798-08-4	PCI/G	U	3.69	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	-0.249	0.617	13966-02-4	PCI/G	U	1.08	0.700
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.249	0.742	14913-49-6	PCI/G	U	0.598	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	1.00	0.280	14733-03-0	PCI/G	U	0.158	0.200
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	1.55	0.280	14733-03-0	PCI/G	U	0.158	0.200
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0499	0.0441	13967-74-3	PCI/G	U	0.276	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0725	0.173					

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0637	0.260	14762-78-8	PCI/G U		0.464	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0652	13967-70-9	PCI/G UUI		0.0808	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	0.663	0.961	14234-29-8	PCI/G U		1.69	0.300
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	0.00	0.0634	10045-97-3	PCI/G UUI		0.128	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Chromium-51	EML HASL 300, 4.5.2.3	0.795	1.03	14392-02-0	PCI/G U		1.95	0.600
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0385	0.0654		PCI/G U		0.128	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.0095	0.0311	13981-50-5	PCI/G U		0.0543	0.050
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0281	0.0665	13981-38-9	PCI/G U		0.120	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00	0.142	10198-40-0	PCI/G UUI		0.0866	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0628	0.107	14683-23-9	PCI/G U		0.188	0.200
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0291	0.150	15585-10-1	PCI/G U		0.267	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Europium-155	EML HASL 300, 4.5.2.3	0.0617	0.119	14391-16-3	PCI/G U		0.216	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.00302	0.0539	14694-69-0	PCI/G U		0.0983	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	-0.112	0.200	14596-12-4	PCI/G U		0.343	0.300
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	2.25	1.99	14255-04-0	PCI/G		1.91	4.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	1.12	0.186	15092-94-1	PCI/G		0.120	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	1.77	0.286	15067-28-4	PCI/G		0.144	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00888	0.0466	13966-31-9	PCI/G U		0.0883	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00	0.129	13982-78-0	PCI/G UUI		0.134	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	1.95	6.01	14269-74-0	PCI/G U		11.1	1000
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0662	0.218	13968-59-7	PCI/G U		0.392	2.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.00186	0.0424	14681-63-1	PCI/G U		0.0746	1.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0056	0.141	13967-76-5	PCI/G U		0.228	0.050
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	19.4	2.42	13966-00-2	PCI/G		0.976	1.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00605	0.047		PCI/G U		0.082	0.080
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0105	0.0555	13982-63-3	PCI/G U		0.101	1.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	1.53	0.280	15262-20-1	PCI/G		0.158	1.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	1.46	0.406	13967-48-1	PCI/G U		0.314	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.139	0.401		PCI/G U		0.070	0.080
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.213	0.0642	13966-32-0	PCI/G U		0.097	0.080
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.011	0.0545	14913-50-9	PCI/G		0.0777	0.080
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.305	0.0943	14289-63-7	PCI/G		0.158	1.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	1.53	0.280	7440-29-1	PCI/G		0.114	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	1.06	0.177	50665-10-8	PCI/G		1.60	2.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	3.61	1.96	13966-06-8	PCI/G U		0.116	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0105	0.0645	13966-29-5	PCI/G U		0.278	1.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	1.66	0.408	15117-96-1	PCI/G U		0.416	0.500
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	0.388	0.384	7440-61-1	PCI/G		1.60	1.00
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	3.61	1.96	13982-36-0	PCI/G U		0.102	0.100
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0169	0.047	13982-39-3	PCI/G U		0.195	0.300
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0393	0.115	13967-71-0	PCI/G U		0.249	0.200
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0256	0.132	14331-83-0	PCI/G U		0.152	0.800
B15; 0-0.5	08/10/03	08/26/03	08/27/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	0.716	0.204	14596-10-2	PCI/G U		0.300	0.200
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.00337	0.192	14683-10-4	PCI/G U		0.0631	0.100
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0121	0.0341	14234-35-6	PCI/G U		0.113	0.200
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0185	0.064	13981-41-4	PCI/G U		0.0547	0.100
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.0174	0.0345	14798-08-4	PCI/G U		1.86	0.500
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	0.465	1.01	13966-02-4	PCI/G U		0.569	0.700
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.000524	0.329	14913-49-6	PCI/G		0.334	0.500
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.396	0.412	14733-03-0	PCI/G		0.0737	0.200
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.840	0.132		PCI/G			

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00659	0.0264	13967-74-3	PCI/G	U	0.0479	0.050
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0625	0.136	14762-78-8	PCI/G	U	0.174	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0128	0.166	13967-70-9	PCI/G	U	0.301	0.500
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0593	14234-29-8	PCI/G	U	0.057	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	0.176	0.422	10045-97-3	PCI/G	U	0.770	0.300
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.104	0.0249	14392-02-0	PCI/G	U	0.0435	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	0.167	0.620	13981-50-5	PCI/G	U	1.10	0.600
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0118	0.0335	13981-38-9	PCI/G	U	0.0615	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00707	0.0213	14391-16-3	PCI/G	U	0.392	0.050
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.0115	0.0339	14694-69-0	PCI/G	U	0.0624	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00192	0.0261	14596-12-4	PCI/G	U	0.0476	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0233	0.0711	14683-23-9	PCI/G	U	0.122	0.200
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	0.0595	0.0838	15585-10-1	PCI/G	U	0.155	0.500
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0375	0.083	14391-16-3	PCI/G	U	0.154	0.500
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Indium-192	EML HASL 300, 4.5.2.3	-0.0083	0.0345	14694-69-0	PCI/G	U	0.0598	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.00404	0.109	14596-12-4	PCI/G	U	0.166	0.300
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	5.42	8.22	14255-04-0	PCI/G	U	13.4	4.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	0.923	0.111	15092-94-1	PCI/G	U	0.0718	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	1.01	0.154	15087-28-4	PCI/G	U	0.0902	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.002	0.0268	13966-31-9	PCI/G	U	0.0479	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00	0.0765	13966-31-9	PCI/G	U	0.0781	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	3.33	3.90	14269-74-0	PCI/G	U	5.30	1000
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.022	0.145	13968-59-7	PCI/G	U	0.266	2.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0117	0.0214	14681-63-1	PCI/G	U	0.0397	1.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0339	0.0688	13967-76-5	PCI/G	U	0.125	0.050
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	17.7	1.51	13966-00-2	PCI/G	U	0.450	1.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0226	0.023	14913-50-9	PCI/G	U	0.0438	0.080
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0113	0.029	13982-63-3	PCI/G	U	0.0737	1.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.840	0.132	14269-63-7	PCI/G	U	0.0737	1.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	0.716	0.204	15262-20-1	PCI/G	U	0.152	0.500
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.0696	0.218	13967-48-1	PCI/G	U	0.385	0.800
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.0164	0.024	13967-48-1	PCI/G	U	0.0411	0.080
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	0.0217	0.0305	13986-32-0	PCI/G	U	0.0566	0.080
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.253	0.0635	14913-50-9	PCI/G	U	0.0432	0.080
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	0.840	0.132	14269-63-7	PCI/G	U	0.0737	1.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	0.880	0.106	7440-29-1	PCI/G	U	0.0684	0.500
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	0.155	1.98	15065-10-8	PCI/G	U	2.53	2.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	-0.00311	0.0388	15065-10-8	PCI/G	U	0.0672	0.100
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	1.08	0.235	13966-29-5	PCI/G	U	0.166	1.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.253	0.189	13966-06-8	PCI/G	U	0.296	0.500
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	0.155	1.98	7440-61-1	PCI/G	U	2.53	1.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0146	0.0228	15117-96-1	PCI/G	U	0.166	1.00
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Zinc-66	EML HASL 300, 4.5.2.3	0.0156	0.0787	13982-39-3	PCI/G	U	0.121	0.300
DUP													
B15-1; 0.5-2	08/10/03	08/26/03	09/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0943	0.0649	13987-71-0	PCI/G	U	0.121	0.200
DUP													
SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	0.783	0.181	14331-83-0	PCI/G	U	0.138	0.800
B15-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	0.00851	0.0729	14586-10-2	PCI/G	U	0.137	0.200
SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0129	0.048	14683-10-4	PCI/G	U	0.0506	0.100
B15-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0178	0.048	14234-35-6	PCI/G	U	0.0801	0.200
SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.00256	0.0232	13981-41-4	PCI/G	U	0.0382	0.100
B15-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	-0.268	0.766	14798-08-4	PCI/G	U	1.36	0.500
SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.104	0.242	13966-02-4	PCI/G	U	0.431	0.700
B15-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03									

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_Cm
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.566	0.248	14913-49-6	PCI/G		0.259	0.500
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.768	0.125	14733-03-0	PCI/G		0.0594	0.200
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00789	0.0167		PCI/G	U	0.0305	0.050
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	-0.0214	0.0634	13967-74-3	PCI/G	U	0.113	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0124	0.108	14762-78-8	PCI/G	U	0.193	0.500
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0216	0.0448	13967-70-9	PCI/G	U	0.0463	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	0.0388	0.364	14234-29-8	PCI/G	U	0.643	0.300
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0188	0.0197	10045-97-3	PCI/G	U	0.0349	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	0.000638	0.403	14392-02-0	PCI/G	U	0.703	0.600
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00513	0.0279		PCI/G	U	0.0505	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00566	0.0128	13981-50-5	PCI/G	U	0.0229	0.050
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0194	0.0279	13981-38-9	PCI/G	U	0.0488	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00261	0.0203	10198-40-0	PCI/G	U	0.0372	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	0.00177	0.0504	14683-23-9	PCI/G	U	0.0874	0.200
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0367	0.059	15585-10-1	PCI/G	U	0.102	0.500
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0468	0.0512	14391-16-3	PCI/G	U	0.0964	0.500
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Indium-192	EML HASL 300, 4.5.2.3	0.00458	0.0229	14694-69-0	PCI/G	U	0.0403	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	0.022	0.0834	14596-12-4	PCI/G	U	0.150	0.300
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	0.337	2.00	14255-04-0	PCI/G	U	3.46	4.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	0.778	0.104	15092-94-1	PCI/G	U	0.0553	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	1.00	0.150	15067-28-4	PCI/G	U	0.0573	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0274	0.0213	13966-31-9	PCI/G	U	0.0412	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	-0.0307	0.0349	13982-78-0	PCI/G	U	0.058	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.554	2.20	14269-59-7	PCI/G	U	3.95	1000
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0464	0.0919	13968-59-7	PCI/G	U	0.170	2.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00375	0.0176	14681-63-1	PCI/G	U	0.032	1.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0321	0.0539	13967-76-5	PCI/G	U	0.0896	0.050
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	16.6	1.86	13966-00-2	PCI/G	U	0.335	1.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.0145	0.0199		PCI/G	U	0.0336	0.080
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.00399	0.0218		PCI/G	U	0.0404	1.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.768	0.125	13982-63-3	PCI/G	U	0.0584	1.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	0.783	0.181	15262-20-1	PCI/G	U	0.138	0.500
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.0112	0.174	13967-48-1	PCI/G	U	0.314	0.800
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.0125	0.0189		PCI/G	U	0.0323	0.080
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0134	0.0214	13966-32-0	PCI/G	U	0.0372	0.080
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.205	0.0494	14913-50-9	PCI/G	U	0.0335	0.080
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	0.767	0.125	14269-63-7	PCI/G	U	0.0594	1.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	0.742	0.0988	7440-29-1	PCI/G	U	0.0527	0.500
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	1.64	1.32	15065-10-8	PCI/G	U	1.12	2.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	0.00502	0.0292	13966-06-8	PCI/G	U	0.0455	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	0.999	0.198	13966-29-5	PCI/G	U	0.113	1.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.077	0.102	15117-96-1	PCI/G	U	0.187	0.500
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	1.64	1.32	7440-61-1	PCI/G	U	1.12	1.00
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0224	0.0206	13982-36-0	PCI/G	U	0.0465	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0492	0.0575	13982-39-3	PCI/G	U	0.0971	0.300
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.0277	0.0534	13967-71-0	PCI/G	U	0.0916	0.200
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	0.781	0.193	14331-83-0	PCI/G	U	0.138	0.800
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	0.0178	0.221	14596-10-2	PCI/G	U	0.282	0.200
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.00262	0.0332	14683-10-4	PCI/G	U	0.0609	0.100
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0328	0.0574	14234-35-6	PCI/G	U	0.0978	0.200
1315-1; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.0156	0.0298	13981-41-4	PCI/G	U	0.0482	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coil_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab_Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	0.0344	0.916	14798-08-4	PC/G	U	1.69	0.500
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.0201	0.307	13966-02-4	PC/G	U	0.536	0.700
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.400	0.370	14913-49-6	PC/G	U	0.310	0.500
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	1.00	0.137	14733-03-0	PC/G	U	0.0716	0.200
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	0.0162	0.0277	13967-74-3	PC/G	U	0.0461	0.050
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0093	0.0866	14762-78-8	PC/G	U	0.161	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0145	0.154	13967-70-9	PC/G	U	0.287	0.500
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0424	14234-29-8	PC/G	U	0.0556	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.164	0.374	10045-97-3	PC/G	U	0.639	0.300
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.00367	0.0231	14392-02-0	PC/G	U	0.958	0.600
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	0.0031	0.0314	13981-50-5	PC/G	U	0.0569	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.0137	0.0192	13981-50-5	PC/G	U	0.0351	0.050
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.0237	0.0322	13981-38-9	PC/G	U	0.0548	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.01	0.0245	10198-40-0	PC/G	U	0.0434	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00854	0.0619	14683-29-9	PC/G	U	0.111	0.200
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	0.00611	0.0787	15585-10-1	PC/G	U	0.138	0.500
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	-0.00074	0.0779	14391-16-3	PC/G	U	0.147	0.500
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0157	0.0315	14694-69-0	PC/G	U	0.0533	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Indium-192	EML HASL 300, 4.5.2.3	-0.0143	0.097	14596-12-4	PC/G	U	0.169	0.300
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	2.98	7.42	14255-04-0	PC/G	U	12.4	4.00
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	1.10	0.121	15092-94-1	PC/G	U	0.0701	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.32	0.169	15067-28-4	PC/G	U	0.0764	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	-0.000403	0.0235	13966-31-9	PC/G	U	0.0422	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.078	0.0458	13982-78-0	PC/G	U	0.0873	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	-1.69	2.52	14269-74-0	PC/G	U	4.45	1000
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.0635	0.135	13968-59-7	PC/G	U	0.255	2.00
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.00641	0.0198	14681-63-1	PC/G	U	0.0352	1.00
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.108	0.0648	13967-76-5	PC/G	U	0.115	0.050
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	18.8	1.49	13966-00-2	PC/G	U	0.354	1.00
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	0.00687	0.0219	14440-29-1	PC/G	U	0.0406	0.080
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	0.000262	0.0265	13982-63-3	PC/G	U	0.0716	1.00
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	1.00	0.137	15262-20-1	PC/G	U	0.138	0.500
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.781	0.183	13967-48-1	PC/G	U	0.357	0.800
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	-0.0208	0.196	13967-48-1	PC/G	U	0.0381	0.080
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.00782	0.0214	13966-32-0	PC/G	U	0.0504	0.080
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	0.00213	0.0494	14913-50-9	PC/G	U	0.0421	0.080
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	1.00	0.137	14269-63-7	PC/G	U	0.0716	1.00
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.303	0.116	7440-29-1	PC/G	U	0.0668	0.500
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	1.04	0.116	15065-10-8	PC/G	U	2.25	2.00
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	3.48	2.93	13966-06-8	PC/G	U	0.0584	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0102	0.0335	13966-06-8	PC/G	U	0.157	1.00
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	1.28	0.230	13966-29-5	PC/G	U	0.277	0.500
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.197	0.148	15117-96-1	PC/G	U	2.25	1.00
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	3.48	2.93	7440-61-1	PC/G	U	0.0484	0.100
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.00198	0.0245	13982-39-3	PC/G	U	0.106	0.300
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.144	0.0719	13982-39-3	PC/G	U	0.116	0.200
B15-2; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.4005	0.0616	13967-71-0	PC/G	U	0.0925	0.800
B15-2; 0.5-2	08/06/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	0.601	0.135	14331-83-0	PC/G	U	0.121	0.200
B16; 0.0-5	08/06/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0116	0.0694	14596-10-2	PC/G	U	0.0416	0.100
B16; 0.0-5	08/06/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0162	0.041	14883-10-4	PC/G	U	0.0416	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab_Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	0.00869	0.0374	14234-35-6	PCI/G	U	0.0689	0.200
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0056	0.0199	13981-41-4	PCI/G	U	0.0314	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	0.154	0.753	14798-08-4	PCI/G	U	1.43	0.500
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.0497	0.215	13966-02-4	PCI/G	U	0.392	0.700
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.362	0.214	14913-49-6	PCI/G	U	0.230	0.500
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.744	0.106	14733-03-0	PCI/G	U	0.0515	0.200
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00669	0.0157	13967-74-3	PCI/G	U	0.0288	0.050
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0588	0.0992	14762-78-8	PCI/G	U	0.109	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.00517	0.0963	13967-70-9	PCI/G	U	0.177	0.500
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0337	14234-29-8	PCI/G	U	0.0386	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	0.200	0.336	10045-97-3	PCI/G	U	0.622	0.300
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.039	0.0199	14992-02-0	PCI/G	U	0.0298	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.0146	0.393	14392-02-0	PCI/G	U	0.727	0.600
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00757	0.022	13981-50-5	PCI/G	U	0.041	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00344	0.0127	13981-38-9	PCI/G	U	0.0233	0.050
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.00145	0.026	10198-40-0	PCI/G	U	0.0412	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00858	0.0166	14683-23-9	PCI/G	U	0.0318	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	-0.00531	0.0391	15585-10-1	PCI/G	U	0.0716	0.200
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	0.0263	0.0499	14391-16-3	PCI/G	U	0.0948	0.500
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0587	0.0452	14994-69-0	PCI/G	U	0.0882	0.500
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00359	0.0204	14596-12-4	PCI/G	U	0.0381	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0525	0.062	14255-04-0	PCI/G	U	0.107	0.300
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	0.693	1.60	15092-94-1	PCI/G	U	2.92	4.00
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	0.756	0.0809	15067-28-4	PCI/G	U	0.052	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	0.885	0.115	13966-31-9	PCI/G	U	0.0332	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00783	0.0179	13982-78-0	PCI/G	U	0.0537	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00	0.0622	14269-74-0	PCI/G	U	4.35	1000
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.579	2.48	13968-59-7	PCI/G	U	0.150	2.00
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0838	0.0833	14881-63-1	PCI/G	U	0.0274	1.00
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0139	0.0142	13967-76-5	PCI/G	U	0.0701	0.050
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0499	0.0729	13966-00-2	PCI/G	U	0.211	1.00
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	12.9	1.12	13982-63-3	PCI/G	U	0.0275	0.080
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.00515	0.0153	1440-29-1	PCI/G	U	0.0415	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	-0.00158	0.0181	15262-20-1	PCI/G	U	0.0325	1.00
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.744	0.106	13967-48-1	PCI/G	U	0.0925	0.500
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	0.601	0.135	13967-48-1	PCI/G	U	0.271	0.800
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0359	0.144	13966-32-0	PCI/G	U	0.0291	0.080
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.000745	0.0182	14913-50-9	PCI/G	U	0.0345	0.080
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	0.211	0.044	14269-63-7	PCI/G	U	0.028	0.080
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.744	0.106	14269-63-7	PCI/G	U	0.0515	1.00
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	0.718	0.0768	15065-10-8	PCI/G	U	0.0407	0.500
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	1.99	0.768	13966-06-8	PCI/G	U	0.0415	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	0.189	1.41	13966-29-5	PCI/G	U	0.110	1.00
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	-0.00132	0.0228	15117-96-1	PCI/G	U	0.178	0.300
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.936	0.172	13982-36-0	PCI/G	U	0.0966	1.00
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	0.125	0.207	13982-36-0	PCI/G	U	0.0382	0.100
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	1.99	1.41	13967-71-0	PCI/G	U	0.0811	0.300
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0364	0.0478	13982-39-3	PCI/G	U	0.0803	0.200
SB16; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Zincium-95	EML HASL 300, 4.5.2.3	-0.00399	0.0443	14331-83-0	PCI/G	U	0.128	0.800
SB17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Zirconium-228	EML HASL 300, 4.5.2.3	0.780	0.177					

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0584	0.0985	14598-10-2	PCI/G	U	0.167	0.200
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0215	0.0275	14688-10-4	PCI/G	U	0.0472	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0218	0.0505	14234-35-6	PCI/G	U	0.0893	0.200
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	-4.140E-05	0.0236	13981-41-4	PCI/G	U	0.0367	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	-0.864	0.943	14798-08-4	PCI/G	U	1.54	0.500
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.0996	0.278	13966-02-4	PCI/G	U	0.464	0.700
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.696	0.249	14913-49-6	PCI/G	U	0.288	0.500
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.845	0.129	14733-03-0	PCI/G	U	0.0572	0.200
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.00646	0.175	13967-74-3	PCI/G	U	0.0313	0.050
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0332	0.107	14762-78-8	PCI/G	U	0.121	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0502	0.109	14762-78-8	PCI/G	U	0.196	0.500
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0596	0.0366	13967-70-9	PCI/G	U	0.0467	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	0.168	0.431	14234-29-8	PCI/G	U	0.778	0.300
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.100	0.0316	10045-97-3	PCI/G	U	0.0347	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.114	0.479	14392-02-0	PCI/G	U	0.830	0.600
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00546	0.032	13981-50-5	PCI/G	U	0.0509	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.0202	0.0294	13981-38-9	PCI/G	U	0.0254	0.050
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0468	0.0289	13981-38-9	PCI/G	U	0.0436	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00306	0.0212	10198-40-0	PCI/G	U	0.0394	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0396	0.0501	14683-23-9	PCI/G	U	0.084	0.200
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	0.0278	0.0639	15585-10-1	PCI/G	U	0.121	0.500
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.000	0.0945	14391-16-3	PCI/G	UU	0.0921	0.500
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00159	0.024	14694-69-0	PCI/G	U	0.0424	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.00472	0.0927	14596-12-4	PCI/G	U	0.160	0.300
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	7.51	9.75	14255-04-0	PCI/G	U	6.32	4.00
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	0.913	0.103	15092-94-1	PCI/G	U	0.0511	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	0.995	0.130	15067-28-4	PCI/G	U	0.058	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0185	0.0202	13986-31-8	PCI/G	U	0.0383	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0404	0.0514	13982-78-0	PCI/G	U	0.0599	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.165	2.97	14289-74-0	PCI/G	U	5.45	1000
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0757	0.102	13988-59-7	PCI/G	U	0.165	200
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.0119	0.0165	14681-63-1	PCI/G	U	0.028	1.00
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0101	0.0566	13967-76-5	PCI/G	U	0.0903	0.050
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	17.7	1.51	13966-00-2	PCI/G	U	0.358	1.00
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.000638	0.0181	13982-63-3	PCI/G	U	0.0325	0.080
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0164	0.0221	15262-20-1	PCI/G	U	0.040	1.00
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.845	0.129	13982-63-3	PCI/G	U	0.0572	1.00
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	0.780	0.177	15262-20-1	PCI/G	U	0.128	0.500
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.0323	0.162	13967-48-1	PCI/G	U	0.290	0.800
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00886	0.0225	13966-32-0	PCI/G	U	0.0344	0.080
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	0.0101	0.0233	13966-32-0	PCI/G	U	0.0441	0.080
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.273	0.0469	14913-50-9	PCI/G	U	0.0343	0.080
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	0.845	0.129	14269-63-7	PCI/G	U	0.0572	1.00
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	0.867	0.0982	7440-29-1	PCI/G	U	0.0485	0.500
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	1.51	1.35	15065-10-8	PCI/G	U	1.30	2.00
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	-0.00192	0.0301	13966-06-8	PCI/G	U	0.0519	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	1.05	0.186	13966-29-5	PCI/G	U	0.113	1.00
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.061	0.197	15117-96-1	PCI/G	U	0.193	0.500
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	1.51	1.35	7440-61-1	PCI/G	U	1.30	1.00
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.00208	0.0231	13982-36-0	PCI/G	U	0.037	0.100
B17; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0238	0.0555	13982-39-3	PCI/G	U	0.0962	0.300

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coil_date	Rec_date	Ext_date	Anal_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CRO
B17; 0;0.5	08/06/03	08/26/03	08/27/03	09/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.0252	0.0505	13967-71-0	PCI/G	U	0.0869	0.200
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	1.22	0.245	14331-83-0	PCI/G	U	0.145	0.800
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0361	0.117	14596-10-2	PCI/G	U	0.191	0.200
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0287	0.0395	14683-10-4	PCI/G	U	0.0613	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0594	0.0586	14234-35-6	PCI/G	U	0.109	0.200
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0109	0.0286	13981-41-4	PCI/G	U	0.0446	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	0.238	0.850	14788-08-4	PCI/G	U	1.52	0.500
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.0432	0.277	13966-02-4	PCI/G	U	0.490	0.700
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	1.05	0.330	14913-49-6	PCI/G	U	0.309	0.500
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	1.91	0.261	14733-03-0	PCI/G	U	0.0716	0.200
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	0.0183	0.0243	13967-74-3	PCI/G	U	0.0373	0.050
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0183	0.0765	13967-74-3	PCI/G	U	0.135	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0237	0.142	14762-78-8	PCI/G	U	0.249	0.500
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.047	13967-70-9	PCI/G	UUI	0.053	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.0677	0.316	14234-29-8	PCI/G	U	0.563	0.300
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0276	0.0271	10045-97-3	PCI/G	U	0.0438	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.367	0.519	14392-02-0	PCI/G	U	0.845	0.600
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0237	0.0312	13981-50-5	PCI/G	U	0.0567	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00818	0.0174	13981-50-5	PCI/G	U	0.0312	0.050
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0153	0.0318	13981-38-9	PCI/G	U	0.0533	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00305	0.0226	10198-40-0	PCI/G	U	0.0401	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	0.00175	0.057	14683-23-9	PCI/G	U	0.103	0.200
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	0.0462	0.054	15585-10-1	PCI/G	U	0.137	0.500
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0291	0.0703	14391-16-3	PCI/G	U	0.127	0.500
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.0199	0.0298	14694-69-0	PCI/G	U	0.0517	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0216	0.0884	14596-12-4	PCI/G	U	0.153	0.300
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	2.30	2.84	14255-04-0	PCI/G	U	4.83	4.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.34	0.162	15092-94-1	PCI/G	U	0.0592	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	2.14	0.270	15067-28-4	PCI/G	U	0.0743	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0128	0.0239	13966-31-9	PCI/G	U	0.0427	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00	0.0629	13982-78-0	PCI/G	UUI	0.0657	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.162	2.39	14269-74-0	PCI/G	U	4.26	1000
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0111	0.123	13968-59-7	PCI/G	U	0.218	2.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0174	0.0297	14681-63-1	PCI/G	U	0.0348	1.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0785	0.0624	13967-76-5	PCI/G	U	0.103	0.050
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	21.4	2.25	13966-00-2	PCI/G	U	0.352	1.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00952	0.0217	13982-63-3	PCI/G	U	0.0388	0.080
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0241	0.0258	13982-63-3	PCI/G	U	0.0479	1.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	1.91	0.261	15262-20-1	PCI/G	U	0.0716	1.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	1.22	0.245	15262-20-1	PCI/G	U	0.145	0.500
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0913	0.188	13967-48-1	PCI/G	U	0.342	0.800
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0199	0.0239	13966-32-0	PCI/G	U	0.0499	0.080
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	0.0168	0.0196	14913-50-9	PCI/G	U	0.0383	0.080
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.349	0.0699	14269-63-7	PCI/G	U	0.0716	1.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	1.91	0.261	14269-63-7	PCI/G	U	0.0565	0.500
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	1.28	0.155	7440-29-1	PCI/G	U	0.0565	1.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	2.15	1.66	15065-10-8	PCI/G	U	1.59	2.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	0.00241	0.0356	13966-06-8	PCI/G	U	0.0567	0.100
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	2.18	0.336	13966-06-8	PCI/G	U	0.160	1.00
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0516	0.131	15117-96-1	PCI/G	U	0.232	0.500
B18; 0.5-2	08/12/03	08/26/03	08/27/03	09/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	2.15	1.66	7440-61-1	PCI/G	U	1.59	1.00

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.00944	0.020	13982-36-0	PCI/G	U	0.034	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0765	0.0697	13982-39-3	PCI/G	U	0.0984	0.300
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0565	0.0642	13967-71-0	PCI/G	U	0.117	0.200
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	1.06	0.297	14331-83-0	PCI/G	U	0.302	0.800
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.072	0.224	14596-10-2	PCI/G	U	0.356	0.200
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.000493	0.0647	14683-10-4	PCI/G	U	0.111	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0139	0.121	14234-35-6	PCI/G	U	0.209	0.200
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.0328	0.0531	13981-41-4	PCI/G	U	0.0896	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	0.204	1.84	14798-08-4	PCI/G	U	2.81	0.500
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.0902	0.838	13966-02-4	PCI/G	U	0.942	0.700
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.672	0.489	14913-49-6	PCI/G	U	0.595	0.500
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	14.6	1.72	14733-03-0	PCI/G	U	0.132	0.200
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00897	0.0466	13967-74-3	PCI/G	U	0.0793	0.050
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.00	0.247	14762-78-8	PCI/G	UUI	0.286	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0303	0.282	14762-78-8	PCI/G	U	0.484	0.500
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.070	0.0475	13967-70-9	PCI/G	U	0.088	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	0.212	1.02	14234-29-8	PCI/G	U	1.09	0.300
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.326	0.0734	10045-97-3	PCI/G	U	0.0712	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	0.683	1.05	14391-16-3	PCI/G	U	1.75	0.600
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0541	0.0651	13981-50-5	PCI/G	U	0.113	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.0513	0.0526	13981-38-9	PCI/G	U	0.0566	0.050
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0269	0.0735	10198-40-0	PCI/G	U	0.105	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.0128	0.0494	14683-23-9	PCI/G	U	0.0867	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	0.0182	0.132	15585-10-1	PCI/G	U	0.217	0.200
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0904	0.145	15585-10-1	PCI/G	U	0.242	0.500
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.077	0.130	14391-16-3	PCI/G	U	0.228	0.500
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.0504	0.0606	14694-69-0	PCI/G	U	0.0968	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	0.0847	0.179	14596-12-4	PCI/G	U	0.305	0.300
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	7.37	8.07	14255-04-0	PCI/G	U	9.32	4.00
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.14	0.164	15092-94-1	PCI/G	U	0.123	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	16.8	1.94	15067-28-4	PCI/G	U	0.158	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0294	0.077	13966-31-9	PCI/G	U	0.084	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	-0.0437	0.0868	13982-78-0	PCI/G	U	0.142	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	1.97	5.29	14269-74-0	PCI/G	U	8.18	1000
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0185	0.235	13968-59-7	PCI/G	U	0.405	2.00
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00	0.0601	14681-63-1	PCI/G	UUI	0.0613	1.00
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00	0.145	13967-76-5	PCI/G	UUI	0.232	0.050
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	24.5	3.03	13966-00-2	PCI/G	U	0.853	1.00
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.00495	0.0397	14681-63-1	PCI/G	U	0.0671	0.080
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.00	0.102	13982-63-3	PCI/G	UUI	0.0988	1.00
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	14.6	1.72	13982-63-3	PCI/G	U	0.132	1.00
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	1.06	0.297	15262-20-1	PCI/G	U	0.302	0.500
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.161	0.356	13967-48-1	PCI/G	U	0.596	0.800
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.0263	0.0465	13966-32-0	PCI/G	U	0.0671	0.080
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0329	0.0527	14913-50-9	PCI/G	U	0.073	0.080
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.398	0.0826	14269-63-7	PCI/G	U	0.132	1.00
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	14.6	1.72	14269-63-7	PCI/G	U	0.132	1.00
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	1.09	0.156	7440-29-1	PCI/G	U	0.117	0.500
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	2.37	2.86	15065-10-8	PCI/G	U	2.94	2.00
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0893	0.075	13966-06-8	PCI/G	U	0.116	0.100
08/12/03	08/26/03	08/27/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	17.2	2.07	13966-29-5	PCI/G	U	0.283	1.00

SEAD-48
Soil Sampling Results
SDG 84843

Seneca Army Depot Activity

Sample Type	Coll. date	Rec. date	Ext. date	Anal. date	Parameter	Method	Lab Result	Uncertainty	Cas. num	Units	Lab_Qual	MDL	CRDL
SB18; 0-0.5	08/12/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.581	0.431	15117-96-1	PCI/G		0.461	0.500
SB18; 0-0.5	08/12/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	2.37	2.86	7440-61-1	PCI/G	U	2.94	1.00
SB18; 0-0.5	08/12/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0556	0.0624	13982-36-0	PCI/G	U	0.104	0.100
SB18; 0-0.5	08/12/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0367	0.131	13982-39-3	PCI/G	U	0.195	0.300
SB18; 0-0.5	08/12/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.0545	0.119	13967-71-0	PCI/G	U	0.196	0.200
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	1.04	0.220	14331-83-0	PCI/G	U	0.128	0.800
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0121	0.0638	14596-10-2	PCI/G	U	0.141	0.200
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.00233	0.0298	14863-10-4	PCI/G	U	0.052	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	0.00975	0.0478	14234-35-6	PCI/G	U	0.0868	0.200
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.0124	0.0227	13981-41-4	PCI/G	U	0.0378	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	-0.149	0.788	14798-08-4	PCI/G	U	1.38	0.500
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.121	0.259	13966-02-4	PCI/G	U	0.473	0.700
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.769	0.285	14913-49-6	PCI/G	U	0.245	0.500
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.793	0.115	14733-03-0	PCI/G	U	0.0625	0.200
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.00671	0.0175	13967-74-3	PCI/G	U	0.0306	0.050
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0136	0.0733	14391-16-3	PCI/G	U	0.109	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0396	0.110	14762-78-8	PCI/G	U	0.196	0.500
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0382	13967-70-9	PCI/G	U	0.0488	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.248	0.432	14234-29-8	PCI/G	U	0.625	0.300
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.387	0.0574	10045-97-3	PCI/G	U	0.0346	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.244	0.448	14392-02-0	PCI/G	U	0.799	0.600
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.0139	0.026	14956-12-4	PCI/G	U	0.0455	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.014	0.0208	13981-50-5	PCI/G	U	0.0239	0.050
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0246	0.0346	13981-38-9	PCI/G	U	0.051	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00475	0.0222	10198-40-0	PCI/G	U	0.0385	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	0.00	0.0695	14683-23-9	PCI/G	U	0.0883	0.200
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0509	0.068	15585-10-1	PCI/G	U	0.111	0.500
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0543	0.0522	14391-16-3	PCI/G	U	0.0981	0.500
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00683	0.0234	14894-69-0	PCI/G	U	0.0433	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0491	0.090	14596-12-4	PCI/G	U	0.153	0.300
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	1.46	2.15	14255-04-0	PCI/G	U	3.80	4.00
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.12	0.134	15092-94-1	PCI/G	U	0.0522	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	0.999	0.136	15067-28-4	PCI/G	U	0.0608	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0212	0.021	13966-31-9	PCI/G	U	0.0402	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0485	0.0522	13982-78-0	PCI/G	U	0.0569	0.100
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	1.05	2.44	14269-74-0	PCI/G	U	4.43	1000
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0293	0.0894	13968-59-7	PCI/G	U	0.164	2.00
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00553	0.0184	14681-63-1	PCI/G	U	0.0324	1.00
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0159	0.0556	13967-76-5	PCI/G	U	0.0969	0.050
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	22.3	1.69	13966-00-2	PCI/G	U	0.341	1.00
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00864	0.0197	13982-63-3	PCI/G	U	0.0351	0.080
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0278	0.0248	13982-63-3	PCI/G	U	0.0463	1.00
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.793	0.115	15262-20-1	PCI/G	U	0.0625	1.00
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	1.04	0.220	15262-20-1	PCI/G	U	0.128	0.500
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.215	0.166	13967-48-1	PCI/G	U	0.345	0.800
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00322	0.031	13966-32-0	PCI/G	U	0.0333	0.080
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0186	0.0247	13966-32-0	PCI/G	U	0.0405	0.080
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.364	0.0594	14913-50-9	PCI/G	U	0.0345	0.080
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	0.793	0.115	14269-63-7	PCI/G	U	0.0625	1.00
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	1.07	0.127	7440-29-1	PCI/G	U	0.0497	0.500
SB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	0.429	1.10	15065-10-8	PCI/G	U	1.14	2.00

SEAD-48
Soil Sampling Results
SDG 84843

Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
BB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0234	0.0285	13966-06-8	PC/G	U	0.0493	0.100
BB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	0.988	0.194	13966-29-5	PC/G	U	0.126	1.00
BB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0295	0.159	15117-96-1	PC/G	U	0.191	0.500
BB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	0.429	1.10	7440-61-1	PC/G	U	1.14	1.00
BB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.00789	0.0263	13982-36-0	PC/G	U	0.0449	0.100
BB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0306	0.0431	13982-39-3	PC/G	U	0.097	0.300
BB19; 0-0.5	08/10/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0266	0.0536	13967-71-0	PC/G	U	0.096	0.200
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	1.01	0.213	14331-83-0	PC/G	U	0.146	0.800
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	0.0106	0.0371	14596-10-2	PC/G	U	0.0663	0.200
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.00577	0.0357	14683-10-4	PC/G	U	0.0643	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0327	0.0911	14234-35-6	PC/G	U	0.115	0.200
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	-0.000921	0.029	13981-41-4	PC/G	U	0.0448	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	-0.403	1.02	14798-08-4	PC/G	U	1.79	0.500
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.0771	0.353	13966-02-4	PC/G	U	0.561	0.700
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.948	0.355	14913-49-6	PC/G	U	0.328	0.500
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	5.28	0.696	14733-03-0	PC/G	U	0.0738	0.200
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0209	0.0223	14733-03-0	PC/G	U	0.0397	0.050
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.00	0.113	13967-74-3	PC/G	UU	0.137	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	0.00248	0.128	14762-76-8	PC/G	UU	0.238	0.500
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0445	0.0592	13967-70-9	PC/G	U	0.0559	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.337	0.515	14234-29-8	PC/G	U	0.762	0.300
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.047	0.026	10045-97-3	PC/G	U	0.0408	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.0533	0.544	14392-02-0	PC/G	U	0.947	0.600
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.00782	0.0372	14694-69-0	PC/G	U	0.0637	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00419	0.0155	13981-50-5	PC/G	U	0.0292	0.050
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0191	0.0416	13981-38-9	PC/G	U	0.061	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.028	0.0285	10198-40-0	PC/G	U	0.0467	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0216	0.0636	14683-23-9	PC/G	U	0.109	0.200
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	-0.00138	0.0899	15585-10-1	PC/G	U	0.158	0.500
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0342	0.0614	14391-16-3	PC/G	U	0.106	0.500
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00277	0.0306	14694-69-0	PC/G	U	0.0537	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0484	0.103	14596-12-4	PC/G	U	0.179	0.300
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	5.06	0.885	14255-04-0	PC/G	U	0.499	4.00
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.19	0.196	15092-94-1	PC/G	U	0.0827	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	6.32	0.830	15067-28-4	PC/G	U	0.0791	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.00488	0.0285	13966-31-9	PC/G	U	0.0489	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0509	0.068	13982-78-0	PC/G	U	0.0742	0.100
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.559	2.78	14269-74-0	PC/G	U	4.99	1000
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.09	0.103	13968-59-7	PC/G	U	0.189	2.00
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0229	0.0224	14681-63-1	PC/G	U	0.041	1.00
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00	0.0761	13967-76-5	PC/G	UU	0.128	0.050
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	22.2	2.26	13966-00-2	PC/G	U	0.468	1.00
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00485	0.0296	13982-63-3	PC/G	U	0.042	0.080
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0233	0.0276	15262-20-1	PC/G	U	0.0517	1.00
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	5.28	0.696	13982-63-3	PC/G	U	0.0738	1.00
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	1.01	0.213	15262-20-1	PC/G	U	0.146	0.500
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.0142	0.209	13967-48-1	PC/G	U	0.372	0.800
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00635	0.0237	15262-20-1	PC/G	U	0.0415	0.080
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.000226	0.0328	13966-32-0	PC/G	U	0.0576	0.080
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.390	0.0735	14913-50-9	PC/G	U	0.0412	0.080
BB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	5.28	0.696	14269-63-7	PC/G	U	0.0738	1.00

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CRQL
6-SB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	1.14	0.187	7440-29-1	PCI/G	U	0.0597	0.500
6-SB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	3.29	1.03	15065-10-8	PCI/G	U	0.655	2.00
6-SB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	0.0135	0.0504	13966-06-8	PCI/G	U	0.064	0.100
6-SB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	6.58	1.02	13966-29-5	PCI/G	U	0.139	1.00
6-SB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.465	0.287	15117-96-1	PCI/G	U	0.261	0.500
6-SB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	3.29	1.03	7440-61-1	PCI/G	U	0.655	1.00
6-SB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0188	0.0127	13982-36-0	PCI/G	U	0.0497	0.100
6-SB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0187	0.0774	13982-39-3	PCI/G	U	0.122	0.300
6-SB20; 0.5-2	08/10/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0777	0.0686	13967-71-0	PCI/G	U	0.126	0.200
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	1.01	0.322	14331-83-0	PCI/G	U	0.244	0.800
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0526	0.202	14596-10-2	PCI/G	U	0.354	0.200
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0407	0.0592	14683-10-4	PCI/G	U	0.0985	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	0.187	0.151	14234-35-6	PCI/G	U	0.207	0.200
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.0183	0.0529	13981-41-4	PCI/G	U	0.0825	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	-0.668	1.96	14798-08-4	PCI/G	U	2.88	0.500
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.266	0.619	13966-02-4	PCI/G	U	0.922	0.700
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.237	0.330	14913-49-6	PCI/G	U	0.492	0.500
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	15.9	1.79	14739-03-0	PCI/G	U	0.116	0.200
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0135	0.054	13967-74-3	PCI/G	U	0.0804	0.050
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.00	0.235	13967-74-3	PCI/G	UUU	0.302	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	0.00599	0.282	14762-78-8	PCI/G	U	0.480	0.500
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0424	0.0472	13967-70-9	PCI/G	U	0.0729	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.774	0.665	14234-29-8	PCI/G	U	1.10	0.300
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.356	0.0654	10048-97-3	PCI/G	U	0.0632	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	0.882	1.11	14392-02-0	PCI/G	U	1.76	0.600
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00148	0.0563	13981-50-5	PCI/G	U	0.0945	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.037	0.0425	13981-50-5	PCI/G	U	0.0601	0.050
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.0462	0.0628	13981-38-9	PCI/G	U	0.0961	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.0283	0.0481	10198-40-0	PCI/G	U	0.0689	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0961	0.116	14689-23-9	PCI/G	U	0.200	0.200
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	0.00603	0.140	15585-10-1	PCI/G	U	0.211	0.500
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	-0.0522	0.130	14391-16-3	PCI/G	U	0.223	0.500
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Indium-192	EML HASL 300, 4.5.2.3	-0.0591	0.056	14694-69-0	PCI/G	U	0.096	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.125	0.155	14596-12-4	PCI/G	U	0.260	0.300
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	16.8	9.17	14255-04-0	PCI/G	U	8.72	4.00
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.21	0.175	15092-94-1	PCI/G	U	0.122	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	19.4	2.21	15067-28-4	PCI/G	U	0.139	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.0271	0.0711	13966-31-9	PCI/G	U	0.0713	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0283	0.0792	13982-78-0	PCI/G	U	0.141	0.100
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	-3.05	5.70	14269-74-0	PCI/G	U	8.35	1000
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.00541	0.237	13968-59-7	PCI/G	U	0.406	2.00
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00	0.0526	14681-63-1	PCI/G	UUU	0.0643	1.00
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00	0.135	13967-76-5	PCI/G	UUU	0.212	0.050
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	20.3	2.33	13966-00-2	PCI/G	U	0.678	1.00
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.00731	0.036	13966-00-2	PCI/G	U	0.0606	0.080
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0474	0.0638	13966-00-2	PCI/G	U	0.0866	1.00
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	15.9	1.79	13982-63-3	PCI/G	U	0.116	1.00
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	1.01	0.322	15262-20-1	PCI/G	U	0.244	0.500
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.138	0.337	13967-48-1	PCI/G	U	0.567	0.800
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.000515	0.0425	13966-32-0	PCI/G	U	0.0633	0.080
6-SB20; 0.5	08/10/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	0.00233	0.051	13966-32-0	PCI/G	U	0.0769	0.080

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample ID	Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CRFL
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.245	0.0679	14913-50-9	PCI/G		0.0668	0.080
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	15.9	1.79	14269-63-7	PCI/G		0.116	1.00
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	1.15	0.167	7440-29-1	PCI/G		0.116	0.500
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	3.41	2.93	15085-10-8	PCI/G		2.89	2.00
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	0.00298	0.069	13966-06-8	PCI/G	U	0.106	0.100
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	19.0	2.25	13966-29-5	PCI/G		0.290	1.00
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.836	0.405	15117-96-1	PCI/G		0.467	0.500
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	3.41	2.93	7440-61-1	PCI/G		2.89	1.00
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0756	0.0467	13982-36-0	PCI/G	U	0.0834	0.100
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0141	0.102	13982-39-3	PCI/G	U	0.156	0.300
3-SB20; 0-0.5	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.0799	0.103	13987-71-0	PCI/G	U	0.167	0.200
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	1.04	0.281	14331-83-0	PCI/G		0.190	0.800
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	0.019	0.0349	14586-10-2	PCI/G	U	0.0622	0.200
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.00635	0.0399	14683-10-4	PCI/G	U	0.0723	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0181	0.0626	14234-35-6	PCI/G	U	0.106	0.200
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.0104	0.032	13981-41-4	PCI/G	U	0.0512	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	-0.43	1.21	14798-08-4	PCI/G	U	1.98	0.500
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.104	0.344	13986-02-4	PCI/G	U	0.577	0.700
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.813	0.474	14913-49-6	PCI/G		0.360	0.500
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.797	0.159	14733-03-0	PCI/G		0.0871	0.200
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.012	0.0216	13987-74-3	PCI/G	U	0.129	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.060	0.0937	14762-78-8	PCI/G	U	0.227	0.500
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	0.158	0.131	13987-70-9	PCI/G	U	0.0636	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	0.0313	0.0338	14234-29-8	PCI/G	U	0.819	0.300
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.466	0.516	10045-97-3	PCI/G	U	0.0462	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.0304	0.028	14392-02-0	PCI/G	U	0.978	0.600
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.315	0.539	13981-50-5	PCI/G	U	0.0735	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.0165	0.0401	13981-38-9	PCI/G	U	0.101	0.500
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0104	0.0162	13981-38-9	PCI/G	U	0.0264	0.050
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	-3.290E-05	0.0405	13981-38-9	PCI/G	U	0.0723	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	0.0128	0.0327	10198-40-0	PCI/G	U	0.0617	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0457	0.0613	14663-23-9	PCI/G	U	0.102	0.200
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	-0.00969	0.0925	15585-10-1	PCI/G	U	0.167	0.500
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.0386	0.0581	14391-16-3	PCI/G	U	0.101	0.500
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.027	0.0299	14694-69-0	PCI/G	U	0.0497	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	0.0485	0.125	14586-12-4	PCI/G	U	0.224	0.300
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.20	0.801	14255-04-0	PCI/G		0.542	4.00
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	0.946	0.134	15092-84-1	PCI/G		0.060	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.920	0.155	15087-28-4	PCI/G	U	0.0748	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00646	0.0332	13966-31-9	PCI/G	U	0.0592	0.100
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.00	3.51	13982-78-0	PCI/G	UUI	5.58	1000
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	-2.66	0.107	14269-74-0	PCI/G	U	0.174	2.00
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.0693	0.0242	13988-59-7	PCI/G	U	0.0426	1.00
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0138	0.111	14681-63-1	PCI/G	U	0.127	0.050
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	20.3	2.23	13987-76-5	PCI/G	U	0.443	1.00
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.0182	0.029	13966-00-2	PCI/G	U	0.0495	0.080
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0122	0.0312	13982-63-3	PCI/G	U	0.055	1.00
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.797	0.159	15282-20-1	PCI/G		0.0871	1.00
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	1.04	0.281	15282-20-1	PCI/G		0.190	0.500
3-SB20; 2-4	SAMPLE	08/10/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.177	0.243	13967-48-1	PCI/G	U	0.459	0.800

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CRQL
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	0.000779	0.0273		PCI/G	U	0.0494	0.080
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.00374	0.0337	13966-32-0	PCI/G	U	0.0607	0.080
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.304	0.0746	14913-50-9	PCI/G	U	0.0497	0.080
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	0.797	0.159	14289-63-7	PCI/G	U	0.0871	1.00
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	0.901	0.128	7440-29-1	PCI/G	U	0.0572	0.500
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	1.61	0.758	15065-10-8	PCI/G	U	0.559	2.00
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	-5.920E-06	0.036	13966-06-8	PCI/G	U	0.0625	0.100
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	0.954	0.204	13966-29-5	PCI/G	U	0.141	1.00
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	1.118	0.183	15117-96-1	PCI/G	U	0.222	0.500
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	1.61	0.758	7440-61-1	PCI/G	U	0.559	1.00
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0327	0.0278	13982-36-0	PCI/G	U	0.0646	0.100
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.000818	0.0828	13982-39-3	PCI/G	U	0.125	0.300
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0095	0.0827	13967-71-0	PCI/G	U	0.148	0.200
5-SB20; 2-4	08/10/03	08/26/03	08/27/03	09/27/03	Zirconium-228	EML HASL 300, 4.5.2.3	0.960	0.208	14331-83-0	PCI/G	U	0.104	0.800
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0231	0.128	14596-10-2	PCI/G	U	0.196	0.200
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0223	0.0307	14683-10-4	PCI/G	U	0.0521	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.0245	0.0481	14234-35-6	PCI/G	U	0.0376	0.200
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	0.562	0.0238	13981-41-4	PCI/G	U	1.60	0.500
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.0149	0.899	14798-08-4	PCI/G	U	0.451	0.700
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.678	0.289	13966-02-4	PCI/G	U	0.451	0.700
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	1.23	0.169	14913-49-6	PCI/G	U	0.237	0.500
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00299	0.0226	14733-03-0	PCI/G	U	0.0615	0.200
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0386	0.0605	13967-74-3	PCI/G	U	0.136	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.00314	0.128	14762-78-8	PCI/G	U	0.229	0.500
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0346	0.0292	13967-70-9	PCI/G	U	0.0398	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.152	0.358	14234-29-8	PCI/G	U	0.593	0.300
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.392	0.0577	10045-97-3	PCI/G	U	0.0336	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.00841	0.490	14392-02-0	PCI/G	U	0.842	0.600
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.00988	0.026	13981-50-5	PCI/G	U	0.0439	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00301	0.016	13981-38-9	PCI/G	U	0.0287	0.050
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.00546	0.0295	10198-40-0	PCI/G	U	0.0451	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.0267	0.0272	14683-23-9	PCI/G	U	0.029	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0418	0.0525	15585-10-1	PCI/G	U	0.0868	0.200
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0279	0.0581	14391-16-3	PCI/G	U	0.0991	0.500
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0354	0.0641	14694-69-0	PCI/G	U	0.117	0.500
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00455	0.0258	14596-12-4	PCI/G	U	0.0447	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	0.0125	0.0785	14255-04-0	PCI/G	U	0.135	0.300
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	1.22	3.73	14255-04-0	PCI/G	U	5.88	4.00
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.07	0.132	15092-94-1	PCI/G	U	0.0541	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	1.53	0.197	15087-28-4	PCI/G	U	0.0625	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00839	0.0205	13966-31-9	PCI/G	U	0.036	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0275	0.0575	13982-78-0	PCI/G	U	0.0618	0.100
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	-1.23	2.61	14269-74-0	PCI/G	U	4.52	1000
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.00273	0.108	13968-59-7	PCI/G	U	0.195	2.00
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.0042	0.0189	14681-63-1	PCI/G	U	0.0281	1.00
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0917	0.0576	13967-76-5	PCI/G	U	0.094	0.050
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	21.5	2.25	13966-00-2	PCI/G	U	0.253	1.00
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.0078	0.0292	13967-76-5	PCI/G	U	0.0283	0.080
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	-0.00321	0.0229	13982-63-3	PCI/G	U	0.0384	1.00
5-SB21-1; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	1.23	0.169		PCI/G	U	0.0675	1.00

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample ID	Sample Type	Coll. date	Rec. date	Ext. date	Anal. date	Parameter	Method	Lab Result	Uncertainty	Cas. num	Units	Lab_Qual	MDL	CRDL_CRQI
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	0.960	0.206	15262-20-1	PCI/G	U	0.104	0.500
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.105	0.165	13967-48-1	PCI/G	U	0.279	0.800
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0167	0.0208		PCI/G	U	0.0333	0.080
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0103	0.0212	13966-32-0	PCI/G	U	0.0361	0.080
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.314	0.0534	14913-50-9	PCI/G	U	0.0311	0.080
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	1.23	0.169	14269-63-7	PCI/G	U	0.0615	1.00
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	1.01	0.126	7440-29-1	PCI/G	U	0.0514	0.500
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	1.35	1.57	15065-10-8	PCI/G	U	1.55	2.00
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	0.0183	0.0292	13966-06-8	PCI/G	U	0.091	0.100
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	1.44	0.231	13966-29-5	PCI/G	U	0.133	1.00
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0932	0.141	15117-96-1	PCI/G	U	0.213	0.500
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	1.35	1.57	7440-61-1	PCI/G	U	1.55	1.00
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.00661	0.0201	13982-36-0	PCI/G	U	0.0371	0.100
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0638	0.0455	13982-39-3	PCI/G	U	0.0805	0.300
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0441	0.0501	13967-71-0	PCI/G	U	0.0906	0.200
7-SB21-1; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	0.824	0.185	14331-83-0	PCI/G	U	0.121	0.800
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.00058	0.0668	14596-10-2	PCI/G	U	0.117	0.200
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.00126	0.0303	14683-10-4	PCI/G	U	0.0532	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0214	0.0483	14234-35-6	PCI/G	U	0.0838	0.200
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.171	0.024	13981-41-4	PCI/G	U	0.035	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.503	0.934	14798-08-4	PCI/G	U	1.58	0.500
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.140	0.466	13966-02-4	PCI/G	U	0.433	0.700
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.01	0.263	14913-49-6	PCI/G	U	0.250	0.500
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.00199	0.142	14733-03-0	PCI/G	U	0.0601	0.200
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0301	0.0768	13967-74-3	PCI/G	U	0.128	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0462	0.122	14762-78-8	PCI/G	U	0.207	0.500
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Cerium-137	EML HASL 300, 4.5.2.3	0.00	0.0322	13967-70-9	PCI/G	UUU	0.043	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.414	0.470	14234-36-8	PCI/G	U	0.622	0.300
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.125	0.0333	10045-97-3	PCI/G	U	0.0342	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	0.0038	0.477	14392-02-0	PCI/G	U	0.824	0.600
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.0161	0.0277	13981-50-5	PCI/G	U	0.0468	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.000485	0.0153	13981-38-9	PCI/G	U	0.0259	0.050
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00945	0.0276	10198-40-0	PCI/G	U	0.0467	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0324	0.0501	14683-23-9	PCI/G	U	0.0837	0.200
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	0.002	0.062	15585-10-1	PCI/G	U	0.109	0.500
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.031	0.0578	14391-16-3	PCI/G	U	0.100	0.500
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00423	0.0249	14694-89-0	PCI/G	U	0.0434	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	-0.00611	0.0847	14596-12-4	PCI/G	U	0.142	0.300
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	0.0739	1.97	14255-04-0	PCI/G	U	2.63	4.00
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	1.13	0.144	15092-94-1	PCI/G	U	0.0502	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.0123	0.0213	15067-28-4	PCI/G	U	0.0588	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.024	0.0439	13966-31-9	PCI/G	U	0.0353	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	-2.53	2.67	13982-78-0	PCI/G	U	0.059	0.100
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0103	0.101	14269-74-0	PCI/G	U	4.19	1000
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00441	0.0165	13968-59-7	PCI/G	U	0.172	2.00
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.0566	0.062	14681-83-1	PCI/G	U	0.0292	1.00
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	19.8	1.66	13967-76-5	PCI/G	U	0.098	0.050
7-SB21-2; 0-0.5	SAMPLE	08/07/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00608	0.0183	13966-00-2	PCI/G	U	0.298	1.00

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	-0.0173	0.0231		PCI/G	U	0.0374	1.00
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	1.01	0.142	13982-63-3	PCI/G	U	0.0601	1.00
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	0.824	0.185	15262-20-1	PCI/G	U	0.121	0.500
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.038	0.171	13967-48-1	PCI/G	U	0.303	0.800
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0129	0.0204		PCI/G	U	0.0326	0.080
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	0.000862	0.0226	13966-32-0	PCI/G	U	0.0397	0.080
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.286	0.0501	14913-50-9	PCI/G	U	0.0336	0.080
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	1.01	0.142	14269-63-7	PCI/G	U	0.0601	1.00
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	0.917	0.111	7440-29-1	PCI/G	U	0.0477	0.500
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	1.32	1.06	15065-10-8	PCI/G	U	0.989	2.00
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	-0.0223	0.0283	13966-06-8	PCI/G	U	0.0464	0.100
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	1.12	0.205	13966-29-5	PCI/G	U	0.120	1.00
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.089	0.147	15117-96-1	PCI/G	U	0.203	0.500
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	1.32	1.06	7440-61-1	PCI/G	U	0.989	1.00
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0135	0.0193	13982-36-0	PCI/G	U	0.0387	0.100
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0345	0.0576	13982-39-3	PCI/G	U	0.0916	0.300
BB21-2; 0-0.5	08/07/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.040	0.0528	13967-71-0	PCI/G	U	0.095	0.200
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	1.14	0.291	14331-83-0	PCI/G	U	0.201	0.800
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	0.0674	0.0757	14596-10-2	PCI/G	U	0.123	0.200
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0046	0.0528	14683-10-4	PCI/G	U	0.0919	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.00568	0.0817	14234-35-6	PCI/G	U	0.143	0.200
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	0.0166	0.0397	13981-41-4	PCI/G	U	0.0599	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-2.43	2.06	14798-08-4	PCI/G	U	2.51	0.500
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	-0.11	0.450	13966-02-4	PCI/G	U	0.778	0.700
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.778	0.585	14913-49-6	PCI/G	U	0.474	0.500
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.00562	0.0305	14733-03-0	PCI/G	U	0.105	0.200
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.180	0.181	13967-74-3	PCI/G	U	0.0515	0.050
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0101	0.182	14762-78-8	PCI/G	U	0.189	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0427	0.0375	13967-70-9	PCI/G	U	0.0725	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.233	0.759	14234-29-8	PCI/G	U	1.32	0.300
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.285	0.0851	10045-97-3	PCI/G	U	0.0615	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.623	0.944	14392-02-0	PCI/G	U	1.41	0.600
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00218	0.0464		PCI/G	U	0.0846	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.0105	0.0222	13981-50-5	PCI/G	U	0.0376	0.050
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0239	0.0485	13981-38-9	PCI/G	U	0.0847	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	-0.000418	0.0342	10198-40-0	PCI/G	U	0.0612	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	0.0165	0.0817	14683-23-9	PCI/G	U	0.146	0.200
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.095	0.0988	15585-10-1	PCI/G	U	0.192	0.500
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.0993	0.0841	14391-16-3	PCI/G	U	0.151	0.500
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	0.0399	0.0957	14694-69-0	PCI/G	U	0.0712	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	-0.116	0.154	14596-12-4	PCI/G	U	0.256	0.300
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	0.692	1.34	14255-04-0	PCI/G	U	1.29	4.00
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	0.785	0.159	15092-94-1	PCI/G	U	0.082	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.0139	0.162	15067-28-4	PCI/G	U	0.102	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0567	0.0412	13966-31-9	PCI/G	U	0.0624	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	-4.74	6.07	13982-78-0	PCI/G	U	0.102	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0314	0.149	14269-74-0	PCI/G	U	8.50	1000
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0122	0.0316	13968-59-7	PCI/G	U	0.259	2.00
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	-0.0839	0.0853	14681-63-1	PCI/G	U	0.0556	0.100
BB21-2; 0-0.5	08/06/03	08/26/03	08/27/03	09/27/03				0.0853	13967-76-5	PCI/G	U	0.143	0.050

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Sample	Coll. date	Rec. date	Ext. date	Anal. date	Parameter	Method	Lab Result	Uncertainty	Cas. num	Units	Lab_Qual	MDL	CRDL
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	20.2	2.30	13966-00-2	PCI/G		0.599	1.00
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00718	0.0343		PCI/G	U	0.0598	0.080
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.00596	0.0369		PCI/G	U	0.0655	1.00
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.778	0.176	13982-63-3	PCI/G		0.105	1.00
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	1.14	0.291	15262-20-1	PCI/G		0.201	0.500
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.035	0.297	13967-48-1	PCI/G	U	0.511	0.800
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0315	0.0396		PCI/G	U	0.0642	0.080
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	0.0351	0.036	13966-32-0	PCI/G	U	0.0702	0.080
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.323	0.0877	14913-50-9	PCI/G		0.0567	0.080
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Thonium-230	EML HASL 300, 4.5.2.3	0.778	0.176	14269-63-7	PCI/G		0.105	1.00
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Thonium-232	EML HASL 300, 4.5.2.3	1.07	0.151	7440-29-1	PCI/G		0.0778	0.500
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Thonium-234	EML HASL 300, 4.5.2.3	1.67	1.22	15065-10-8	PCI/G		1.08	2.00
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	0.00262	0.0472	13966-06-8	PCI/G	U	0.0836	0.100
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	0.864	0.196	13966-29-5	PCI/G		0.176	1.00
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.326	0.322	15117-96-1	PCI/G		0.304	0.500
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	1.67	1.22	7440-61-1	PCI/G		1.08	1.00
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.0275	0.0497	13982-36-0	PCI/G	U	0.0709	0.100
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.00759	0.0991	13982-39-3	PCI/G	U	0.154	0.300
BB22; 0-0.5	SAMPLE	08/06/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0453	0.0974	13967-71-0	PCI/G	U	0.181	0.200
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	1.29	0.231	14331-83-0	PCI/G		0.103	0.800
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	0.0147	0.0576	14596-10-2	PCI/G	U	0.106	0.200
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.00925	0.0252	14683-10-4	PCI/G	U	0.0456	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.00524	0.0394	14234-35-6	PCI/G	U	0.0681	0.200
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0001	0.0199	13981-41-4	PCI/G	U	0.0308	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	-0.107	0.676	14798-08-4	PCI/G	U	1.14	0.500
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.00775	0.211	13966-02-4	PCI/G	U	0.365	0.700
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.659	0.212	14913-49-6	PCI/G		0.197	0.500
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.873	0.128	14733-03-0	PCI/G		0.0554	0.200
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0075	0.017		PCI/G	U	0.0288	0.050
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0923	0.0922	13967-74-3	PCI/G	U	0.102	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0656	0.118	14762-78-8	PCI/G	U	0.180	0.500
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0377	13967-70-9	PCI/G	UUU	0.0391	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.15	0.312	14234-29-8	PCI/G	U	0.438	0.300
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.00435	0.016	10045-97-3	PCI/G	U	0.0287	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	0.113	0.354	14392-02-0	PCI/G	U	0.635	0.600
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00724	0.0224		PCI/G	U	0.0397	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00162	0.0133	13981-50-5	PCI/G	U	0.0232	0.050
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0108	0.0251	13981-38-9	PCI/G	U	0.0367	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00647	0.0169	10198-40-0	PCI/G	U	0.0307	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	0.0559	0.0488	14683-23-9	PCI/G	U	0.0738	0.200
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0361	0.0561	15585-10-1	PCI/G	U	0.0945	0.500
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.00	0.0838	14391-16-3	PCI/G	UUU	0.0871	0.500
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Indium-192	EML HASL 300, 4.5.2.3	-0.00811	0.0202	14694-89-0	PCI/G	U	0.0352	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.000488	0.0768	14596-12-4	PCI/G	U	0.113	0.300
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	1.41	1.71	14255-04-0	PCI/G	U	2.11	4.00
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.29	0.145	15092-94-1	PCI/G		0.0449	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	1.05	0.138	15067-28-4	PCI/G		0.0502	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.00364	0.0193	13966-31-9	PCI/G	U	0.0304	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00	0.0516	13982-78-0	PCI/G	UUU	0.0498	0.100
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	-2.24	1.93	14269-74-0	PCI/G	U	3.04	1000
BB23; 0-5-2	SAMPLE	08/11/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0202	0.0903	13968-59-7	PCI/G	U	0.158	2.00

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CRQL
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0141	0.013	14681-63-1	PCI/G	U	0.0261	1.00
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00	0.0428	13967-76-5	PCI/G	UUI	0.0792	0.050
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	20.9	1.70	13966-00-2	PCI/G	U	0.246	1.00
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00709	0.0156		PCI/G	U	0.028	0.080
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.00	0.0275		PCI/G	UUI	0.0338	1.00
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.873	0.128	13982-63-3	PCI/G		0.0554	1.00
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	1.29	0.231	15262-20-1	PCI/G		0.103	0.500
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0674	0.146	13967-48-1	PCI/G	U	0.266	0.800
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00952	0.0159		PCI/G	U	0.0274	0.080
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.0134	0.0204	13966-32-0	PCI/G	U	0.0343	0.080
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.381	0.059	14913-50-9	PCI/G		0.0273	0.080
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	0.873	0.128	14269-63-7	PCI/G		0.0554	1.00
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	1.23	0.138	7440-29-1	PCI/G		0.0428	0.500
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	1.85	1.16	15065-10-8	PCI/G		0.899	2.00
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	-0.00268	0.0238	13966-06-8	PCI/G	U	0.0414	0.100
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	0.984	0.176	13966-29-5	PCI/G		0.109	1.00
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.190	0.188	15117-96-1	PCI/G		0.186	0.500
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	1.85	1.16	7440-61-1	PCI/G		0.899	1.00
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.0133	0.0184	13982-36-0	PCI/G	U	0.0358	0.100
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0298	0.0501	13982-39-3	PCI/G	U	0.0729	0.300
7-SB23; 0.5-2	08/11/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0189	0.0431	13967-71-0	PCI/G	U	0.0773	0.200
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	1.02	0.202	14331-83-0	PCI/G		0.120	0.800
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	0.0267	0.128	14598-10-2	PCI/G	U	0.185	0.200
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	0.00848	0.0241	14683-10-4	PCI/G	U	0.0448	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.00963	0.0448	14234-36-6	PCI/G	U	0.0824	0.200
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	-0.000436	0.0212	13981-41-4	PCI/G	U	0.0331	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	-0.852	0.731	14798-08-4	PCI/G	U	1.15	0.500
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.0246	0.222	13966-02-4	PCI/G	U	0.409	0.700
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.899	0.293	14913-49-6	PCI/G		0.231	0.500
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.899	0.136	14733-03-0	PCI/G	U	0.0552	0.200
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00536	0.0162		PCI/G	U	0.0302	0.050
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0818	0.0923	13967-74-3	PCI/G	U	0.101	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0148	0.101	14762-78-8	PCI/G	U	0.190	0.500
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0435	13967-70-9	PCI/G	UUI	0.0426	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.29	0.344	14234-29-8	PCI/G	U	0.555	0.300
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0825	0.0345	10045-97-3	PCI/G		0.0332	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	0.0017	0.381	14392-02-0	PCI/G	U	0.674	0.600
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0184	0.0259		PCI/G	U	0.0479	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00178	0.0128	13981-50-5	PCI/G	U	0.0242	0.050
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.00684	0.0387	13981-38-9	PCI/G	U	0.0448	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.00094	0.0187	10198-40-0	PCI/G	U	0.034	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	0.0229	0.046	14683-23-9	PCI/G	U	0.0827	0.200
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	0.00177	0.0684	15585-10-1	PCI/G	U	0.123	0.500
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0457	0.0522	14391-16-3	PCI/G	U	0.101	0.500
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.0511	0.0216	14694-69-0	PCI/G	U	0.0373	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	2.99	4.12	14596-12-4	PCI/G	U	0.153	0.300
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	0.0511	0.085	14255-04-0	PCI/G	U	7.03	4.00
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	1.28	0.143	15092-94-1	PCI/G		0.0495	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	1.00	0.152	15067-28-4	PCI/G		0.0558	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0217	0.0385	13966-31-9	PCI/G	U	0.0342	0.100
7-SB23; 0.5	08/11/03	08/26/03	08/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00	0.0685	13982-78-0	PCI/G	UUI	0.0521	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	-1.44	1.97	14269-74-0	PCI/G	U	3.46	1000
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0201	0.0867	13968-59-7	PCI/G	U	0.163	2.00
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0129	0.0166	14681-63-1	PCI/G	U	0.0308	1.00
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.055	0.0524	13967-76-5	PCI/G	U	0.0876	0.050
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	28.7	2.97	13966-00-2	PCI/G	U	0.305	1.00
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.00212	0.0178		PCI/G	U	0.0317	0.080
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0101	0.0197		PCI/G	U	0.0374	1.00
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.899	0.136	13982-63-3	PCI/G	U	0.0552	1.00
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	1.02	0.202	15262-20-1	PCI/G	U	0.120	0.500
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0453	0.153	13967-48-1	PCI/G	U	0.283	0.800
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.000448	0.0206		PCI/G	U	0.0325	0.080
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	0.0009	0.0249	13986-32-0	PCI/G	U	0.0448	0.080
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.379	0.0627	14913-50-9	PCI/G	U	0.0316	0.080
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	0.899	0.136	14269-63-7	PCI/G	U	0.0552	1.00
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	1.15	0.137	7440-29-1	PCI/G	U	0.0472	0.500
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	1.42	1.91	15065-10-8	PCI/G	U	1.45	2.00
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	0.00192	0.0258	13966-06-8	PCI/G	U	0.0451	0.100
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	1.03	0.195	13966-29-5	PCI/G	U	0.109	1.00
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Uranium-235	EML HASL 300, 4.5.2.3	0.165	0.186	15117-96-1	PCI/G	U	0.189	0.500
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	1.42	1.91	7440-61-1	PCI/G	U	1.45	1.00
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.00738	0.0218	13982-36-0	PCI/G	U	0.0374	0.100
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.00457	0.0567	13982-39-3	PCI/G	U	0.0903	0.300
SB23; 0-0.5	08/11/03	08/26/03	08/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.00596	0.0547	13967-71-0	PCI/G	U	0.0848	0.200
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Actinium-228	EML HASL 300, 4.5.2.3	1.01	0.209	14331-83-0	PCI/G	U	0.0963	0.800
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Americium-241	EML HASL 300, 4.5.2.3	-0.0259	0.0659	14596-10-2	PCI/G	U	0.105	0.200
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.00487	0.0239	14693-10-4	PCI/G	U	0.0419	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0502	0.0453	14234-35-6	PCI/G	U	0.0736	0.200
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Barium-133	EML HASL 300, 4.5.2.3	0.211	0.0184	13981-41-4	PCI/G	U	0.0326	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Barium-140	EML HASL 300, 4.5.2.3	0.138	0.521	14798-08-4	PCI/G	U	0.896	0.500
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.148	0.227	13966-02-4	PCI/G	U	0.355	0.700
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.667	0.231	14913-49-6	PCI/G	U	0.220	0.500
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.639	0.103	14793-03-0	PCI/G	U	0.0545	0.200
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00188	0.0175		PCI/G	U	0.0298	0.050
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0364	0.0563	13967-74-3	PCI/G	U	0.0909	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.00134	0.105	14762-78-8	PCI/G	U	0.181	0.500
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.0233	13967-70-9	PCI/G	U	0.036	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cesium-136	EML HASL 300, 4.5.2.3	0.125	0.167	14294-29-8	PCI/G	U	0.398	0.300
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.0209	0.0166	10045-97-3	PCI/G	U	0.027	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Chromium-51	EML HASL 300, 4.5.2.3	0.0816	0.352	14392-02-0	PCI/G	U	0.622	0.600
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0228	0.0352		PCI/G	U	0.0367	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00399	0.013	13981-50-5	PCI/G	U	0.0223	0.050
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.00209	0.0211	13981-38-9	PCI/G	U	0.0371	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00342	0.0178	10198-40-0	PCI/G	U	0.0319	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Europium-152	EML HASL 300, 4.5.2.3	0.00288	0.0441	14683-23-9	PCI/G	U	0.0772	0.200
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0386	0.0553	15595-10-1	PCI/G	U	0.0924	0.500
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Europium-155	EML HASL 300, 4.5.2.3	0.00	0.0753	14391-16-3	PCI/G	U	0.085	0.500
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00706	0.0205	14694-69-0	PCI/G	U	0.0364	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Iron-59	EML HASL 300, 4.5.2.3	0.0192	0.0795	14596-12-4	PCI/G	U	0.118	0.300
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Lead-210	EML HASL 300, 4.5.2.3	0.781	1.29	14255-04-0	PCI/G	U	2.18	4.00
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Lead-212	EML HASL 300, 4.5.2.3	1.03	0.119	15092-94-1	PCI/G	U	0.0437	0.100
SB23; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Lead-214	EML HASL 300, 4.5.2.3	0.792	0.106	15067-28-4	PCI/G	U	0.053	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.00762	0.0187	13966-31-9	PCI/G	U	0.0316	0.100
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0371	0.0445	13962-78-0	PCI/G	U	0.0495	0.100
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Neodymium-147	EML HASL 300, 4.5.2.3	-1.16	1.46	14269-74-0	PCI/G	U	2.34	1000
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.022	0.0901	13968-59-7	PCI/G	U	0.155	2.00
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.00375	0.0154	14661-63-1	PCI/G	U	0.0267	1.00
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Niobium-95	EML HASL 300, 4.5.2.3	0.042	0.0431	13967-76-5	PCI/G	U	0.0695	0.050
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Potassium-40	EML HASL 300, 4.5.2.3	21.4	1.74	13966-00-2	PCI/G	U	0.260	1.00
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.00373	0.016		PCI/G	U	0.0277	0.080
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Promethium-146	EML HASL 300, 4.5.2.3	0.639	0.0194		PCI/G	U	0.033	1.00
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Radium-226	EML HASL 300, 4.5.2.3	0.101	0.103	13962-63-3	PCI/G		0.0545	1.00
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Radium-228	EML HASL 300, 4.5.2.3	1.01	0.209	15262-20-1	PCI/G		0.0963	0.500
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.0405	0.146	13967-48-1	PCI/G	U	0.256	0.600
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0059	0.0157		PCI/G	U	0.0293	0.080
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Thallium-208	EML HASL 300, 4.5.2.3	0.320	0.0487	13966-32-0	PCI/G	U	0.0336	0.080
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Thorium-230	EML HASL 300, 4.5.2.3	0.639	0.103	14913-50-9	PCI/G	U	0.0294	0.080
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Thorium-232	EML HASL 300, 4.5.2.3	0.987	0.114	7440-29-1	PCI/G	U	0.0545	1.00
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Thorium-234	EML HASL 300, 4.5.2.3	0.514	0.927	15085-10-8	PCI/G	U	0.0419	0.500
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Tin-113	EML HASL 300, 4.5.2.3	-0.00445	0.0238		PCI/G	U	0.915	2.00
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Uranium-234	EML HASL 300, 4.5.2.3	0.779	0.134	13966-06-8	PCI/G	U	0.0409	0.100
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Uranium-235	EML HASL 300, 4.5.2.3	0.081	0.124	13966-29-5	PCI/G	U	0.105	1.00
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Uranium-238	EML HASL 300, 4.5.2.3	0.514	0.927	15117-96-1	PCI/G	U	0.180	0.500
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.071	0.247	7440-61-1	PCI/G	U	0.915	1.00
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.00881	0.0516	13962-36-0	PCI/G	U	0.0289	0.100
223; 2-4	08/11/03	08/26/03	08/27/03	09/23/03	Actinium-228	EML HASL 300, 4.5.2.3	1.14	0.247	13967-39-3	PCI/G	U	0.0795	0.300
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Americium-241	EML HASL 300, 4.5.2.3	0.0254	0.188	14331-83-0	PCI/G	U	0.177	0.800
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Antimony-124	EML HASL 300, 4.5.2.3	0.0243	0.0366	14596-10-2	PCI/G	U	0.329	0.200
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0749	0.0758	14693-10-4	PCI/G	U	0.0682	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Barium-133	EML HASL 300, 4.5.2.3	0.00444	0.0362	14234-35-6	PCI/G	U	0.124	0.200
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Barium-140	EML HASL 300, 4.5.2.3	0.00189	0.826	13981-41-4	PCI/G	U	0.0546	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.372	0.359	14798-08-4	PCI/G	U	1.50	0.500
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Bismuth-212	EML HASL 300, 4.5.2.3	1.14	0.425	13966-02-4	PCI/G	U	0.651	0.700
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.837	0.130	14913-49-6	PCI/G	U	0.346	0.500
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.00854	0.0276	14733-03-0	PCI/G	U	0.0818	0.200
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cerium-141	EML HASL 300, 4.5.2.3	0.00513	0.0928	13967-74-3	PCI/G	U	0.0488	0.050
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0191	0.192	14762-78-8	PCI/G	U	0.167	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00	0.045	13967-70-9	PCI/G	U	0.307	0.500
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cesium-136	EML HASL 300, 4.5.2.3	0.0168	0.408	14234-29-8	PCI/G	U	0.0618	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cesium-137	EML HASL 300, 4.5.2.3	0.232	0.045	10045-97-3	PCI/G	U	0.620	0.300
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Chromium-51	EML HASL 300, 4.5.2.3	0.186	0.579	14392-02-0	PCI/G	U	0.0369	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00667	0.0362		PCI/G	U	1.03	0.600
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00572	0.0216	13981-50-5	PCI/G	U	0.065	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0475	0.0362	13981-38-9	PCI/G	U	0.0394	0.050
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.026	0.0273	10198-40-0	PCI/G	U	0.0576	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0414	0.0736	14663-23-9	PCI/G	U	0.0543	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Europium-154	EML HASL 300, 4.5.2.3	-0.00166	0.0907	15585-10-1	PCI/G	U	0.124	0.200
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Europium-155	EML HASL 300, 4.5.2.3	0.0557	0.0894	15585-10-1	PCI/G	U	0.157	0.500
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Indium-192	EML HASL 300, 4.5.2.3	0.00184	0.0345	14391-16-3	PCI/G	U	0.166	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Iron-59	EML HASL 300, 4.5.2.3	-0.044	0.106	14694-69-0	PCI/G	U	0.0604	0.100
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Lead-210	EML HASL 300, 4.5.2.3	2.07	8.85	14596-12-4	PCI/G	U	0.178	0.300
224; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03					14255-04-0	PCI/G	U	14.0	4.00

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab_Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CF
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Lead-212	EML HASL 300, 4.5.2.3	1.44	0.150	15092-94-1	PCI/G	U	0.0776	0.100
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Lead-214	EML HASL 300, 4.5.2.3	1.05	0.144	15067-28-4	PCI/G	U	0.0945	0.100
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.00934	0.0287	13966-31-9	PCI/G	U	0.0495	0.100
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Mercury-203	EML HASL 300, 4.5.2.3	0.0744	0.0757	13982-78-0	PCI/G	U	0.0638	0.100
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.122	2.28	14269-74-0	PCI/G	U	4.15	1000
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0194	0.151	13966-59-7	PCI/G	U	0.276	2.00
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.00161	0.0232	14681-63-1	PCI/G	U	0.0411	1.00
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00787	0.0632	13967-76-5	PCI/G	U	0.113	0.050
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Potassium-40	EML HASL 300, 4.5.2.3	22.8	1.84	13966-00-2	PCI/G	U	0.407	1.00
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0105	0.0247		PCI/G	U	0.0452	0.080
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0257	0.0331		PCI/G	U	0.0594	1.00
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Radium-226	EML HASL 300, 4.5.2.3	0.837	0.130	13982-63-3	PCI/G	U	0.0818	1.00
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Radium-228	EML HASL 300, 4.5.2.3	1.14	0.247	15262-20-1	PCI/G	U	0.177	0.500
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.00191	0.230	13967-48-1	PCI/G	U	0.414	0.800
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00625	0.0259		PCI/G	U	0.0396	0.080
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.000365	0.033	13966-32-0	PCI/G	U	0.0571	0.080
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Thallium-208	EML HASL 300, 4.5.2.3	0.362	0.059	14913-50-9	PCI/G	U	0.0448	0.080
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Thorium-230	EML HASL 300, 4.5.2.3	0.837	0.130	14269-63-7	PCI/G	U	0.0818	1.00
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Thorium-232	EML HASL 300, 4.5.2.3	1.38	0.144	7440-29-1	PCI/G	U	0.0743	0.500
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Thorium-234	EML HASL 300, 4.5.2.3	2.26	2.54	15066-10-8	PCI/G	U	2.35	2.00
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Tin-113	EML HASL 300, 4.5.2.3	0.00245	0.039	13966-06-8	PCI/G	U	0.0679	0.100
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Uranium-234	EML HASL 300, 4.5.2.3	0.962	0.224	13966-29-5	PCI/G	U	0.181	1.00
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Uranium-235	EML HASL 300, 4.5.2.3	0.162	0.170	15117-96-1	PCI/G	U	0.310	0.500
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Uranium-238	EML HASL 300, 4.5.2.3	2.26	2.54	7440-61-1	PCI/G	U	2.35	1.00
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.00739	0.0239	13982-36-0	PCI/G	U	0.0431	0.100
B324; 0-0.5	08/11/03	08/26/03	08/27/03	09/23/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0386	0.0811	13982-39-3	PCI/G	U	0.115	0.300
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0116	0.0682	13967-71-0	PCI/G	U	0.123	0.200
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Actinium-228	EML HASL 300, 4.5.2.3	0.331	0.108	14331-83-0	PCI/G	U	0.0833	0.800
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Americium-241	EML HASL 300, 4.5.2.3	0.0143	0.0575	14596-10-2	PCI/G	U	0.104	0.200
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.013	0.0205	14683-10-4	PCI/G	U	0.0369	0.100
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Antimony-125	EML HASL 300, 4.5.2.3	0.203	0.0339	14234-35-6	PCI/G	U	0.0643	0.200
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Barium-133	EML HASL 300, 4.5.2.3	0.00492	0.0172	13981-41-4	PCI/G	U	0.0287	0.100
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Barium-140	EML HASL 300, 4.5.2.3	0.123	0.523	14798-08-4	PCI/G	U	1.01	0.500
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.000412	0.191	13966-02-4	PCI/G	U	0.346	0.700
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.104	0.108	14913-49-6	PCI/G	U	0.212	0.500
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.711	0.0899	14739-03-0	PCI/G	U	0.0431	0.200
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0018	0.0131		PCI/G	U	0.0239	0.050
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cerium-141	EML HASL 300, 4.5.2.3	-0.0021	0.0471	13967-74-3	PCI/G	U	0.0871	0.100
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cerium-144	EML HASL 300, 4.5.2.3	0.0404	0.082	14762-78-8	PCI/G	U	0.156	0.500
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cesium-134	EML HASL 300, 4.5.2.3	0.0232	0.0152	13967-70-9	PCI/G	U	0.0307	0.100
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cesium-136	EML HASL 300, 4.5.2.3	0.145	0.208	14234-29-8	PCI/G	U	0.398	0.300
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cesium-137	EML HASL 300, 4.5.2.3	0.110	0.0372	10045-97-3	PCI/G	U	0.0216	0.100
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Chromium-51	EML HASL 300, 4.5.2.3	0.181	0.294	14392-02-0	PCI/G	U	0.569	0.600
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.013	0.0236		PCI/G	U	0.0349	0.100
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00284	0.010	13981-50-5	PCI/G	U	0.0191	0.050
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0108	0.0176	13981-38-9	PCI/G	U	0.0308	0.100
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Cobalt-60	EML HASL 300, 4.5.2.3	-0.000252	0.0176	10198-40-0	PCI/G	U	0.0279	0.100
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Europium-152	EML HASL 300, 4.5.2.3	-0.0116	0.0333	14683-23-9	PCI/G	U	0.0611	0.200
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Europium-154	EML HASL 300, 4.5.2.3	0.0148	0.0399	15585-10-1	PCI/G	U	0.0765	0.500
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Europium-155	EML HASL 300, 4.5.2.3	-0.00277	0.0384	14391-16-3	PCI/G	U	0.073	0.500
B325; 0-0.5	08/07/03	08/26/03	08/27/03	09/23/03	Iridium-192	EML HASL 300, 4.5.2.3	-0.0104	0.0166	14694-69-0	PCI/G	U	0.0301	0.100

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab_Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CFR
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Iron-59	EML HASL 300, 4.5.2.3	0.00159	0.0538	14596-12-4	PCI/G	U	0.101	0.300
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Lead-210	EML HASL 300, 4.5.2.3	2.56	1.34	14255-04-0	PCI/G	U	2.64	4.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Lead-212	EML HASL 300, 4.5.2.3	0.341	0.0541	15092-94-1	PCI/G	U	0.0426	0.100
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Lead-214	EML HASL 300, 4.5.2.3	0.845	0.106	15067-28-4	PCI/G	U	0.0448	0.100
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.00721	0.0142	13966-31-9	PCI/G	U	0.025	0.100
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00474	0.0229	13992-78-0	PCI/G	U	0.0438	0.100
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.0938	1.47	14266-74-0	PCI/G	U	2.64	1000.
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.00178	0.0677	13968-59-7	PCI/G	U	0.128	2.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Niobium-94	EML HASL 300, 4.5.2.3	0.00463	0.0118	14681-63-1	PCI/G	U	0.0225	1.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Niobium-95	EML HASL 300, 4.5.2.3	0.037	0.0372	13967-76-5	PCI/G	U	0.0647	0.050
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Potassium-40	EML HASL 300, 4.5.2.3	7.10	0.702	13966-00-2	PCI/G	U	0.215	1.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00348	0.0123	13966-32-0	PCI/G	U	0.0233	0.080
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Promethium-146	EML HASL 300, 4.5.2.3	0.00481	0.0156	14913-50-9	PCI/G	U	0.029	1.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Radium-226	EML HASL 300, 4.5.2.3	0.711	0.0899	13982-63-3	PCI/G	U	0.0431	1.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Radium-228	EML HASL 300, 4.5.2.3	0.331	0.108	15262-20-1	PCI/G	U	0.0833	0.500
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.128	0.149	13967-48-1	PCI/G	U	0.150	0.800
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Silver-110m	EML HASL 300, 4.5.2.3	0.000635	0.0149	13966-06-8	PCI/G	U	0.0243	0.080
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Sodium-22	EML HASL 300, 4.5.2.3	0.00551	0.0145	13966-32-0	PCI/G	U	0.0279	0.080
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Thallium-208	EML HASL 300, 4.5.2.3	0.106	0.0353	14913-50-9	PCI/G	U	0.0234	0.080
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Thorium-230	EML HASL 300, 4.5.2.3	0.711	0.0899	14269-63-7	PCI/G	U	0.0431	1.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Thorium-232	EML HASL 300, 4.5.2.3	0.326	0.0516	7440-29-1	PCI/G	U	0.0406	0.500
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Thorium-234	EML HASL 300, 4.5.2.3	0.106	0.954	15065-10-8	PCI/G	U	0.898	2.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Tin-113	EML HASL 300, 4.5.2.3	0.00427	0.0203	13966-06-8	PCI/G	U	0.0379	0.100
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Uranium-234	EML HASL 300, 4.5.2.3	0.884	0.128	13966-29-5	PCI/G	U	0.0835	1.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0736	0.0791	15117-96-1	PCI/G	U	0.150	0.500
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Uranium-238	EML HASL 300, 4.5.2.3	0.106	0.954	7440-61-1	PCI/G	U	0.898	1.00
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Yttrium-88	EML HASL 300, 4.5.2.3	0.00464	0.017	13982-36-0	PCI/G	U	0.0334	0.100
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0154	0.0389	13982-39-3	PCI/G	U	0.065	0.300
SAMPLE	08/07/03	08/26/03	08/27/03	09/23/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0276	0.0154	13967-71-0	PCI/G	U	0.0622	0.200
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Actinium-228	EML HASL 300, 4.5.2.3	0.846	0.209	14331-83-0	PCI/G	U	0.160	0.800
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Americium-241	EML HASL 300, 4.5.2.3	0.0419	0.0854	14596-10-2	PCI/G	U	0.159	0.200
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.00922	0.0329	14683-10-4	PCI/G	U	0.0577	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0306	0.0577	14234-35-6	PCI/G	U	0.094	0.200
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Barium-133	EML HASL 300, 4.5.2.3	-0.182	0.0291	13981-41-4	PCI/G	U	0.0417	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Barium-140	EML HASL 300, 4.5.2.3	-0.455	0.777	14798-08-4	PCI/G	U	1.32	0.500
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.0681	0.254	13966-02-4	PCI/G	U	0.453	0.700
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.708	0.322	14913-49-6	PCI/G	U	0.299	0.500
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.840	0.138	14733-03-0	PCI/G	U	0.0735	0.200
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cerium-139	EML HASL 300, 4.5.2.3	-0.0143	0.0201	13967-74-3	PCI/G	U	0.129	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0581	0.0715	14762-78-8	PCI/G	U	0.207	0.500
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.11	0.122	13967-70-9	PCI/G	U	0.0545	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cesium-134	EML HASL 300, 4.5.2.3	0.042	0.0426	14234-29-8	PCI/G	U	0.594	0.300
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.129	0.353	10045-97-3	PCI/G	U	0.0417	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.00659	0.0235	14392-02-0	PCI/G	U	0.0586	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Chromium-51	EML HASL 300, 4.5.2.3	0.0346	0.472	13981-50-5	PCI/G	U	0.0274	0.050
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.0346	0.0306	13981-38-9	PCI/G	U	0.0583	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.00562	0.0156	10198-40-0	PCI/G	U	0.0454	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.00596	0.0383	14683-23-9	PCI/G	U	0.0955	0.200
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.0257	0.0543	15585-10-1	PCI/G	U	0.143	0.500
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Europium-152	EML HASL 300, 4.5.2.3	0.0257	0.0764					
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Europium-154	EML HASL 300, 4.5.2.3	0.0297	0.0764					

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab_Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CFL
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Europlum-155	EML HASL 300, 4.5.2.3	0.00	0.101	14391-16-3	PCI/G	U	0.101	0.500
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Indium-192	EML HASL 300, 4.5.2.3	-0.0137	0.0306	14684-69-0	PCI/G	U	0.045	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0117	0.102	14596-12-4	PCI/G	U	0.174	0.300
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Lead-210	EML HASL 300, 4.5.2.3	1.46	3.68	14255-04-0	PCI/G	U	3.97	4.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Lead-212	EML HASL 300, 4.5.2.3	1.10	0.138	15092-94-1	PCI/G	U	0.0594	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Lead-214	EML HASL 300, 4.5.2.3	0.934	0.142	15087-28-4	PCI/G	U	0.0711	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Manganese-54	EML HASL 300, 4.5.2.3	0.0229	0.0262	13986-31-9	PCI/G	U	0.0442	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00	0.0483	13982-78-0	PCI/G	UU	0.0586	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.382	2.24	14289-74-0	PCI/G	U	4.00	1000
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0134	0.105	13988-59-7	PCI/G	U	0.186	2.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Niobium-94	EML HASL 300, 4.5.2.3	0.000122	0.0203	14681-63-1	PCI/G	U	0.036	1.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00776	0.0578	13987-76-5	PCI/G	U	0.0907	0.050
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Potassium-40	EML HASL 300, 4.5.2.3	25.2	2.69	13986-00-2	PCI/G	U	0.399	1.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.000597	0.0211		PCI/G	U	0.0374	0.080
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Promethium-146	EML HASL 300, 4.5.2.3	-0.00472	0.0251		PCI/G	U	0.0451	1.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Radium-226	EML HASL 300, 4.5.2.3	0.840	0.138	13982-63-3	PCI/G	U	0.0735	1.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Radium-228	EML HASL 300, 4.5.2.3	0.846	0.209	15282-20-1	PCI/G	U	0.160	0.500
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.201	0.197	13987-48-1	PCI/G	U	0.324	0.800
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Silver-110m	EML HASL 300, 4.5.2.3	-0.00797	0.0221		PCI/G	U	0.0385	0.080
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Sodium-22	EML HASL 300, 4.5.2.3	0.011	0.0278	13986-32-0	PCI/G	U	0.0522	0.080
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Thallium-208	EML HASL 300, 4.5.2.3	0.332	0.057	14913-50-9	PCI/G	U	0.0391	0.080
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Thorium-230	EML HASL 300, 4.5.2.3	0.840	0.138	14289-63-7	PCI/G	U	0.0735	1.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Thorium-232	EML HASL 300, 4.5.2.3	1.05	0.132	7440-29-1	PCI/G	U	0.0567	0.500
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Thorium-234	EML HASL 300, 4.5.2.3	1.17	1.28	15085-10-8	PCI/G	U	1.25	2.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Tin-113	EML HASL 300, 4.5.2.3	-0.00582	0.0304	13986-06-8	PCI/G	U	0.0511	0.100
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Uranium-234	EML HASL 300, 4.5.2.3	0.944	0.179	13986-29-5	PCI/G	U	0.132	1.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Uranium-235	EML HASL 300, 4.5.2.3	0.132	0.124	15117-96-1	PCI/G	U	0.223	0.500
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Uranium-238	EML HASL 300, 4.5.2.3	1.17	1.28	7440-61-1	PCI/G	U	1.25	1.00
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.0416	0.0793	13982-39-3	PCI/G	U	0.112	0.300
DUP	08/09/03	08/26/03	09/23/03	09/23/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0178	0.0572	13987-71-0	PCI/G	U	0.104	0.200
DUP	08/22/03	09/22/03	09/23/03	09/23/03	Zirconium-95	EML HASL 300, 4.5.2.3	101	35.1	10045-97-3	%		0.868	0.100
LCS	09/29/03	09/29/03	09/29/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	82	36.0	10045-97-3	%		0.837	0.100
LCS	09/29/03	09/29/03	09/29/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	97	42.6	10045-97-3	%		0.827	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Actinium-228	EML HASL 300, 4.5.2.3	0.00489	0.0757	14331-83-0	PCI/G	U	0.101	0.800
MB	09/27/03	09/27/03	09/27/03	09/27/03	Actinium-228	EML HASL 300, 4.5.2.3	0.0947	0.0561	14331-83-0	PCI/G	U	0.107	0.800
MB	09/29/03	09/29/03	09/29/03	09/29/03	Actinium-228	EML HASL 300, 4.5.2.3	0.0423	0.103	14331-83-0	PCI/G	U	0.207	0.800
MB	09/23/03	09/23/03	09/23/03	09/23/03	Americium-241	EML HASL 300, 4.5.2.3	0.0465	0.0935	14596-10-2	PCI/G	U	0.143	0.200
MB	09/27/03	09/27/03	09/27/03	09/27/03	Americium-241	EML HASL 300, 4.5.2.3	-0.00234	0.0947	14596-10-2	PCI/G	U	0.141	0.200
MB	09/29/03	09/29/03	09/29/03	09/29/03	Americium-241	EML HASL 300, 4.5.2.3	0.082	0.226	14596-10-2	PCI/G	U	0.358	0.200
MB	09/23/03	09/23/03	09/23/03	09/23/03	Antimony-124	EML HASL 300, 4.5.2.3	0.00326	0.0224	14683-10-4	PCI/G	U	0.0345	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.00495	0.0228	14683-10-4	PCI/G	U	0.0392	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Antimony-124	EML HASL 300, 4.5.2.3	-0.0233	0.0358	14683-10-4	PCI/G	U	0.0612	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Antimony-125	EML HASL 300, 4.5.2.3	-0.0111	0.0403	14234-35-6	PCI/G	U	0.0665	0.200
MB	09/27/03	09/27/03	09/27/03	09/27/03	Antimony-125	EML HASL 300, 4.5.2.3	0.0126	0.040	14234-35-6	PCI/G	U	0.153	0.200
MB	09/29/03	09/29/03	09/29/03	09/29/03	Antimony-125	EML HASL 300, 4.5.2.3	0.00472	0.085	14234-35-6	PCI/G	U	0.068	0.200
MB	09/23/03	09/23/03	09/23/03	09/23/03	Barium-133	EML HASL 300, 4.5.2.3	-0.00332	0.0179	13981-41-4	PCI/G	U	0.030	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Barium-133	EML HASL 300, 4.5.2.3	-0.00751	0.0202	13981-41-4	PCI/G	U	0.0333	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Barium-133	EML HASL 300, 4.5.2.3	-0.0205	0.038	13981-41-4	PCI/G	U	0.063	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Barium-140	EML HASL 300, 4.5.2.3	0.156	0.255	14798-08-4	PCI/G	U	0.324	0.500
MB	09/27/03	09/27/03	09/27/03	09/27/03	Barium-140	EML HASL 300, 4.5.2.3	0.124	0.231	14798-08-4	PCI/G	U	0.419	0.500

SEAD-48
Soil Sampling Results
SDG 84843
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
MB	09/29/03	09/29/03	09/29/03	09/29/03	Barium-140	EML HASL 300, 4.5.2.3	0.0261	0.326	14798-08-4	PCI/G	U	0.627	0.500
MB	09/23/03	09/23/03	09/23/03	09/23/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.0559	0.138	13968-02-4	PCI/G	U	0.252	0.700
MB	09/27/03	09/27/03	09/27/03	09/27/03	Beryllium-7	EML HASL 300, 4.5.2.3	-0.0909	0.148	13966-02-4	PCI/G	U	0.253	0.700
MB	09/29/03	09/29/03	09/29/03	09/29/03	Beryllium-7	EML HASL 300, 4.5.2.3	0.165	0.311	13966-02-4	PCI/G	U	0.591	0.700
MB	09/23/03	09/23/03	09/23/03	09/23/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.0137	0.116	14913-49-6	PCI/G	U	0.205	0.500
MB	09/27/03	09/27/03	09/27/03	09/27/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.0884	0.112	14913-49-6	PCI/G	U	0.208	0.500
MB	09/29/03	09/29/03	09/29/03	09/29/03	Bismuth-212	EML HASL 300, 4.5.2.3	0.0259	0.196	14913-49-6	PCI/G	U	0.383	0.500
MB	09/23/03	09/23/03	09/23/03	09/23/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.00272	0.0606	14733-03-0	PCI/G	U	0.0607	0.200
MB	09/27/03	09/27/03	09/27/03	09/27/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.0164	0.0343	14733-03-0	PCI/G	U	0.0617	0.200
MB	09/29/03	09/29/03	09/29/03	09/29/03	Bismuth-214	EML HASL 300, 4.5.2.3	0.0164	0.0552	14733-03-0	PCI/G	U	0.107	0.200
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00271	0.0131		PCI/G	U	0.023	0.050
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00271	0.0132		PCI/G	U	0.0231	0.050
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cerium-139	EML HASL 300, 4.5.2.3	0.00271	0.0132		PCI/G	U	0.0231	0.050
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cerium-141	EML HASL 300, 4.5.2.3	-0.0123	0.0277		PCI/G	U	0.0477	0.050
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0289	0.034	13967-74-3	PCI/G	U	0.0611	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cerium-141	EML HASL 300, 4.5.2.3	0.0458	0.0359	13967-74-3	PCI/G	U	0.0656	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cerium-141	EML HASL 300, 4.5.2.3	-0.0313	0.0762	13967-74-3	PCI/G	U	0.115	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0242	0.0917	14762-78-8	PCI/G	U	0.158	0.500
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cerium-144	EML HASL 300, 4.5.2.3	0.106	0.102	14762-78-8	PCI/G	U	0.165	0.500
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0147	0.222	14762-78-8	PCI/G	U	0.347	0.500
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cerium-144	EML HASL 300, 4.5.2.3	-0.0147	0.222	14762-78-8	PCI/G	U	0.027	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cesium-134	EML HASL 300, 4.5.2.3	-0.00122	0.0155	13967-70-9	PCI/G	U	0.0268	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00221	0.0151	13967-70-9	PCI/G	U	0.0151	0.268
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cesium-134	EML HASL 300, 4.5.2.3	0.00794	0.0295	13967-70-9	PCI/G	U	0.0585	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.00491	0.0697	14234-29-8	PCI/G	U	0.121	0.300
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cesium-136	EML HASL 300, 4.5.2.3	-0.0301	0.101	14234-29-8	PCI/G	U	0.169	0.300
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cesium-136	EML HASL 300, 4.5.2.3	0.025	0.115	14234-29-8	PCI/G	U	0.237	0.300
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.00294	0.0133	14234-29-8	PCI/G	U	0.023	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cesium-137	EML HASL 300, 4.5.2.3	-0.0044	0.017	10045-97-3	PCI/G	U	0.0252	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0229	0.0307	10045-97-3	PCI/G	U	0.0625	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cesium-137	EML HASL 300, 4.5.2.3	0.0878	0.208	10045-97-3	PCI/G	U	0.362	0.600
MB	09/23/03	09/23/03	09/23/03	09/23/03	Chromium-51	EML HASL 300, 4.5.2.3	-0.0872	0.234	14392-02-0	PCI/G	U	0.389	0.600
MB	09/27/03	09/27/03	09/27/03	09/27/03	Chromium-51	EML HASL 300, 4.5.2.3	0.0591	0.432	14392-02-0	PCI/G	U	0.775	0.600
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.00101	0.0187		PCI/G	U	0.0324	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.015	0.0208		PCI/G	U	0.0334	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cobalt-56	EML HASL 300, 4.5.2.3	0.00648	0.0271		PCI/G	U	0.0552	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cobalt-56	EML HASL 300, 4.5.2.3	-0.0108	0.0137	13981-50-5	PCI/G	U	0.0193	0.050
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00853	0.0106	13981-50-5	PCI/G	U	0.0201	0.050
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cobalt-57	EML HASL 300, 4.5.2.3	-0.0108	0.0137	13981-50-5	PCI/G	U	0.0201	0.050
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cobalt-57	EML HASL 300, 4.5.2.3	0.00382	0.024	13981-50-5	PCI/G	U	0.039	0.050
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cobalt-58	EML HASL 300, 4.5.2.3	0.0155	0.0173	13981-38-9	PCI/G	U	0.0324	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0106	0.0164	13981-38-9	PCI/G	U	0.027	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cobalt-58	EML HASL 300, 4.5.2.3	-0.0049	0.0321	13981-38-9	PCI/G	U	0.0596	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00125	0.0144	10198-40-0	PCI/G	U	0.0285	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00191	0.0156	10198-40-0	PCI/G	U	0.0286	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Cobalt-60	EML HASL 300, 4.5.2.3	0.00818	0.0942	10198-40-0	PCI/G	U	0.0638	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Europium-152	EML HASL 300, 4.5.2.3	0.0284	0.0383	14683-23-9	PCI/G	U	0.0683	0.200
MB	09/27/03	09/27/03	09/27/03	09/27/03	Europium-152	EML HASL 300, 4.5.2.3	0.00513	0.0416	14683-23-9	PCI/G	U	0.0711	0.200
MB	09/29/03	09/29/03	09/29/03	09/29/03	Europium-152	EML HASL 300, 4.5.2.3	0.00401	0.0967	14683-23-9	PCI/G	U	0.154	0.200
MB	09/23/03	09/23/03	09/23/03	09/23/03	Europium-154	EML HASL 300, 4.5.2.3	-0.00892	0.0358	15585-10-1	PCI/G	U	0.0638	0.500
MB	09/27/03	09/27/03	09/27/03	09/27/03	Europium-154	EML HASL 300, 4.5.2.3	0.0232	0.0421	15585-10-1	PCI/G	U	0.0727	0.500
MB	09/29/03	09/29/03	09/29/03	09/29/03	Europium-154	EML HASL 300, 4.5.2.3	-0.0338	0.102	15585-10-1	PCI/G	U	0.150	0.500
MB	09/23/03	09/23/03	09/23/03	09/23/03	Europium-154	EML HASL 300, 4.5.2.3	0.0208	0.0445	14391-16-3	PCI/G	U	0.0802	0.500
MB	09/27/03	09/27/03	09/27/03	09/27/03	Europium-155	EML HASL 300, 4.5.2.3	0.0229	0.0521	14391-16-3	PCI/G	U	0.0832	0.500

SEAD-48
Soil Sampling Results
SDG 84843

Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
MB	09/29/03	09/29/03	09/29/03	09/29/03	Europlium-155	EML HASL 300, 4.5.2.3	-0.0965	0.106	14391-16-3	PCI/G	U	0.168	0.500
MB	09/23/03	09/23/03	09/23/03	09/23/03	Iridium-192	EML HASL 300, 4.5.2.3	0.000585	0.0159	14694-69-0	PCI/G	U	0.0272	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00924	0.0173	14694-69-0	PCI/G	U	0.0303	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Iridium-192	EML HASL 300, 4.5.2.3	0.00198	0.0346	14694-69-0	PCI/G	U	0.0616	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Iron-59	EML HASL 300, 4.5.2.3	-0.00402	0.0373	14596-12-4	PCI/G	U	0.0642	0.300
MB	09/27/03	09/27/03	09/27/03	09/27/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0134	0.0405	14596-12-4	PCI/G	U	0.0678	0.300
MB	09/29/03	09/29/03	09/29/03	09/29/03	Iron-59	EML HASL 300, 4.5.2.3	-0.0399	0.0622	14596-12-4	PCI/G	U	0.102	0.300
MB	09/23/03	09/23/03	09/23/03	09/23/03	Lead-210	EML HASL 300, 4.5.2.3	0.129	3.05	14255-04-0	PCI/G	U	4.58	4.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Lead-210	EML HASL 300, 4.5.2.3	0.211	3.04	14255-04-0	PCI/G	U	4.58	4.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Lead-210	EML HASL 300, 4.5.2.3	4.04	10.1	14255-04-0	PCI/G	U	16.0	4.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Lead-210	EML HASL 300, 4.5.2.3	0.00431	0.0343	15092-94-1	PCI/G	U	0.0507	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Lead-212	EML HASL 300, 4.5.2.3	0.00	0.0276	15092-94-1	PCI/G	U	0.050	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Lead-212	EML HASL 300, 4.5.2.3	0.046	0.0509	15092-94-1	PCI/G	U	0.0964	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Lead-214	EML HASL 300, 4.5.2.3	0.0368	0.0301	15067-28-4	PCI/G	U	0.0543	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Lead-214	EML HASL 300, 4.5.2.3	0.0453	0.0342	15067-28-4	PCI/G	U	0.061	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Lead-214	EML HASL 300, 4.5.2.3	0.0644	0.0639	15067-28-4	PCI/G	U	0.124	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.00174	0.0152	13966-31-9	PCI/G	U	0.0262	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.00357	0.014	13966-31-9	PCI/G	U	0.0239	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Manganese-54	EML HASL 300, 4.5.2.3	-0.00505	0.0238	13966-31-9	PCI/G	U	0.0442	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00529	0.0195	13982-78-0	PCI/G	U	0.0338	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Mercury-203	EML HASL 300, 4.5.2.3	-0.00997	0.0211	13982-78-0	PCI/G	U	0.0351	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Mercury-203	EML HASL 300, 4.5.2.3	0.00	0.0625	13982-78-0	PCI/G	U	0.0742	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.175	0.419	14289-74-0	PCI/G	U	0.767	1000
MB	09/27/03	09/27/03	09/27/03	09/27/03	Neodymium-147	EML HASL 300, 4.5.2.3	0.0136	0.565	14289-74-0	PCI/G	U	1.01	1000
MB	09/29/03	09/29/03	09/29/03	09/29/03	Neodymium-147	EML HASL 300, 4.5.2.3	-0.24	0.742	14289-74-0	PCI/G	U	1.35	1000
MB	09/23/03	09/23/03	09/23/03	09/23/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.00164	0.0793	13968-59-7	PCI/G	U	0.139	2.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Neptunium-239	EML HASL 300, 4.5.2.3	0.0367	0.0954	13968-59-7	PCI/G	U	0.141	2.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Neptunium-239	EML HASL 300, 4.5.2.3	-0.0704	0.175	13968-59-7	PCI/G	U	0.285	2.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.00653	0.0144	14681-63-1	PCI/G	U	0.0243	1.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Niobium-94	EML HASL 300, 4.5.2.3	0.0141	0.0121	14681-63-1	PCI/G	U	0.023	1.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Niobium-94	EML HASL 300, 4.5.2.3	-0.00885	0.0274	14681-63-1	PCI/G	U	0.0488	1.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00164	0.0228	13967-76-5	PCI/G	U	0.040	0.050
MB	09/27/03	09/27/03	09/27/03	09/27/03	Niobium-95	EML HASL 300, 4.5.2.3	0.00152	0.025	13967-76-5	PCI/G	U	0.0439	0.050
MB	09/29/03	09/29/03	09/29/03	09/29/03	Niobium-95	EML HASL 300, 4.5.2.3	0.012	0.0485	13967-76-5	PCI/G	U	0.093	0.050
MB	09/23/03	09/23/03	09/23/03	09/23/03	Potassium-40	EML HASL 300, 4.5.2.3	0.00	0.225	13966-00-2	PCI/G	U	0.214	1.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Potassium-40	EML HASL 300, 4.5.2.3	0.153	0.153	13966-00-2	PCI/G	U	0.302	1.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Potassium-40	EML HASL 300, 4.5.2.3	0.263	0.366	13966-00-2	PCI/G	U	0.796	1.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Promethium-144	EML HASL 300, 4.5.2.3	-0.00219	0.0144	13982-63-3	PCI/G	U	0.0249	0.080
MB	09/27/03	09/27/03	09/27/03	09/27/03	Promethium-144	EML HASL 300, 4.5.2.3	0.00777	0.015	13982-63-3	PCI/G	U	0.027	0.080
MB	09/29/03	09/29/03	09/29/03	09/29/03	Promethium-144	EML HASL 300, 4.5.2.3	0.0135	0.0283	13982-63-3	PCI/G	U	0.0561	0.080
MB	09/23/03	09/23/03	09/23/03	09/23/03	Promethium-146	EML HASL 300, 4.5.2.3	0.00495	0.0168	15262-20-1	PCI/G	U	0.029	1.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Promethium-146	EML HASL 300, 4.5.2.3	0.0015	0.022	15262-20-1	PCI/G	U	0.0324	1.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Promethium-146	EML HASL 300, 4.5.2.3	0.021	0.0362	15262-20-1	PCI/G	U	0.0692	1.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Radium-226	EML HASL 300, 4.5.2.3	0.00272	0.0606	13982-63-3	PCI/G	U	0.0607	1.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Radium-226	EML HASL 300, 4.5.2.3	0.0252	0.0343	13982-63-3	PCI/G	U	0.0617	1.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Radium-226	EML HASL 300, 4.5.2.3	0.0164	0.0552	13982-63-3	PCI/G	U	0.107	1.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Radium-228	EML HASL 300, 4.5.2.3	0.00489	0.0757	15262-20-1	PCI/G	U	0.101	0.500
MB	09/27/03	09/27/03	09/27/03	09/27/03	Radium-228	EML HASL 300, 4.5.2.3	0.0947	0.0561	15262-20-1	PCI/G	U	0.107	0.500
MB	09/29/03	09/29/03	09/29/03	09/29/03	Radium-228	EML HASL 300, 4.5.2.3	0.0423	0.103	15262-20-1	PCI/G	U	0.207	0.500
MB	09/23/03	09/23/03	09/23/03	09/23/03	Ruthenium-106	EML HASL 300, 4.5.2.3	-0.00803	0.134	13967-48-1	PCI/G	U	0.234	0.800
MB	09/27/03	09/27/03	09/27/03	09/27/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.0175	0.138	13967-48-1	PCI/G	U	0.244	0.800

SEAD-48
Soil Sampling Results
SDG 84843

Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CR
MB	09/29/03	09/29/03	09/29/03	09/29/03	Ruthenium-106	EML HASL 300, 4.5.2.3	0.155	0.210	13967-48-1	PCI/G	U	0.448	0.800
MB	09/23/03	09/23/03	09/23/03	09/23/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0021	0.0128		PCI/G	U	0.023	0.080
MB	09/27/03	09/27/03	09/27/03	09/27/03	Silver-110m	EML HASL 300, 4.5.2.3	0.00702	0.0174		PCI/G	U	0.024	0.080
MB	09/29/03	09/29/03	09/29/03	09/29/03	Silver-110m	EML HASL 300, 4.5.2.3	0.0026	0.0303		PCI/G	U	0.0571	0.080
MB	09/23/03	09/23/03	09/23/03	09/23/03	Sodium-22	EML HASL 300, 4.5.2.3	-0.00325	0.0129	13966-32-0	PCI/G	U	0.023	0.080
MB	09/27/03	09/27/03	09/27/03	09/27/03	Sodium-22	EML HASL 300, 4.5.2.3	0.00842	0.0152	13966-32-0	PCI/G	U	0.023	0.080
MB	09/29/03	09/29/03	09/29/03	09/29/03	Sodium-22	EML HASL 300, 4.5.2.3	0.00196	0.0268	13966-32-0	PCI/G	U	0.054	0.080
MB	09/23/03	09/23/03	09/23/03	09/23/03	Thallium-208	EML HASL 300, 4.5.2.3	0.131	0.161	14913-50-9	PCI/G	U	0.0295	0.080
MB	09/27/03	09/27/03	09/27/03	09/27/03	Thallium-208	EML HASL 300, 4.5.2.3	0.108	0.0262	14913-50-9	PCI/G	U	0.0335	0.080
MB	09/29/03	09/29/03	09/29/03	09/29/03	Thallium-208	EML HASL 300, 4.5.2.3	0.00978	0.0281	14913-50-9	PCI/G	U	0.0501	0.080
MB	09/23/03	09/23/03	09/23/03	09/23/03	Thorium-230	EML HASL 300, 4.5.2.3	0.00272	0.0606	14269-63-7	PCI/G	U	0.0607	1.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Thorium-230	EML HASL 300, 4.5.2.3	0.0252	0.0343	14269-63-7	PCI/G	U	0.0617	1.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Thorium-230	EML HASL 300, 4.5.2.3	0.0164	0.0952	14269-63-7	PCI/G	U	0.107	1.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Thorium-232	EML HASL 300, 4.5.2.3	0.0042	0.0334	7440-29-1	PCI/G	U	0.0463	0.500
MB	09/27/03	09/27/03	09/27/03	09/27/03	Thorium-232	EML HASL 300, 4.5.2.3	0.00	0.0267	7440-29-1	PCI/G	UU	0.0484	0.500
MB	09/29/03	09/29/03	09/29/03	09/29/03	Thorium-232	EML HASL 300, 4.5.2.3	0.0305	0.0507	7440-29-1	PCI/G	U	0.0937	0.500
MB	09/27/03	09/27/03	09/27/03	09/27/03	Thorium-234	EML HASL 300, 4.5.2.3	0.366	0.967	15065-10-8	PCI/G	U	1.16	2.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Thorium-234	EML HASL 300, 4.5.2.3	-0.471	0.791	15065-10-8	PCI/G	U	1.12	2.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Tin-113	EML HASL 300, 4.5.2.3	0.687	1.77	15065-10-8	PCI/G	U	2.81	2.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Tin-113	EML HASL 300, 4.5.2.3	0.0124	0.0183	13966-06-8	PCI/G	U	0.0326	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Tin-113	EML HASL 300, 4.5.2.3	0.000135	0.0204	13966-06-8	PCI/G	U	0.0345	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Uranium-234	EML HASL 300, 4.5.2.3	-0.0119	0.0373	13966-06-8	PCI/G	U	0.064	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	0.0304	0.0543	13966-29-5	PCI/G	U	0.0953	1.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Uranium-234	EML HASL 300, 4.5.2.3	0.0237	0.0581	13966-29-5	PCI/G	U	0.101	1.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Uranium-234	EML HASL 300, 4.5.2.3	0.00868	0.124	13966-29-5	PCI/G	U	0.220	1.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Uranium-234	EML HASL 300, 4.5.2.3	0.173	0.0901	15117-96-1	PCI/G	U	0.158	0.500
MB	09/29/03	09/29/03	09/29/03	09/29/03	Uranium-235	EML HASL 300, 4.5.2.3	0.0323	0.0961	15117-96-1	PCI/G	U	0.151	0.500
MB	09/23/03	09/23/03	09/23/03	09/23/03	Uranium-235	EML HASL 300, 4.5.2.3	0.160	0.205	15117-96-1	PCI/G	U	0.345	0.500
MB	09/27/03	09/27/03	09/27/03	09/27/03	Uranium-238	EML HASL 300, 4.5.2.3	0.366	0.967	7440-61-1	PCI/G	U	1.16	1.00
MB	09/29/03	09/29/03	09/29/03	09/29/03	Uranium-238	EML HASL 300, 4.5.2.3	-0.471	0.791	7440-61-1	PCI/G	U	1.12	1.00
MB	09/23/03	09/23/03	09/23/03	09/23/03	Uranium-238	EML HASL 300, 4.5.2.3	0.887	1.77	7440-61-1	PCI/G	U	2.81	1.00
MB	09/27/03	09/27/03	09/27/03	09/27/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.00853	0.0161	13982-36-0	PCI/G	U	0.0269	0.100
MB	09/29/03	09/29/03	09/29/03	09/29/03	Yttrium-88	EML HASL 300, 4.5.2.3	-0.00415	0.0163	13982-36-0	PCI/G	U	0.0267	0.100
MB	09/23/03	09/23/03	09/23/03	09/23/03	Zinc-65	EML HASL 300, 4.5.2.3	-0.0226	0.0277	13982-36-0	PCI/G	U	0.0409	0.100
MB	09/27/03	09/27/03	09/27/03	09/27/03	Zinc-65	EML HASL 300, 4.5.2.3	0.00122	0.0316	13982-39-3	PCI/G	U	0.057	0.300
MB	09/29/03	09/29/03	09/29/03	09/29/03	Zinc-65	EML HASL 300, 4.5.2.3	0.0206	0.0302	13982-39-3	PCI/G	U	0.0581	0.300
MB	09/23/03	09/23/03	09/23/03	09/23/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0	0.183	13982-39-3	PCI/G	UU	0.116	0.300
MB	09/27/03	09/27/03	09/27/03	09/27/03	Zirconium-95	EML HASL 300, 4.5.2.3	0.0123	0.0343	13967-71-0	PCI/G	U	0.0544	0.200
MB	09/29/03	09/29/03	09/29/03	09/29/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.000286	0.0314	13967-71-0	PCI/G	U	0.0552	0.200
MB	09/23/03	09/23/03	09/23/03	09/23/03	Zirconium-95	EML HASL 300, 4.5.2.3	-0.00508	0.0514	13967-71-0	PCI/G	U	0.0975	0.200

Attachment 2

SEAD-48 GROUNDWATER DATA

Table 2 – Summary of Groundwater Concentrations
Groundwater Sampling Results – SDG 89747

Table 2
Analytical Groundwater Results
October 2003 Sampling Event
SEAD-48 Final Status Surveys
Seneca Army Depot Activity

Monitoring Well ID	Sample ID	Parameter	Lab Result	Uncertainty (+/-)	Qualifier ⁽¹⁾	MDL ⁽²⁾	Units ⁽³⁾	MCL ^(4,5)
MW48-1	48-2001	Gross Alpha	15.8	2.02		1.75	pCi/L	15 pCi/L (not including radon or uranium)
		Radium-226	0.937	0.367	U	0.337	pCi/L	5 pCi/L (combined Ra-226/228)
		Radium-228	1.35	0.713		1.17	pCi/L	
		Thorium-230	0.923	0.603		0.615	pCi/L	--
		Thorium-232	0.0757	0.218	U	0.575	pCi/L	--
		Total Uranium	8.68	0.148		0.198	ug/L	30 ug/L
		Uranium-233/234	3.45	0.823		0.514	pCi/L	--
		Uranium-235/236	0.197	0.170	U	0.217	pCi/L	--
		Uranium-238	3.35	0.784		0.217	pCi/L	--
MW48-2	48-2002	Uranium-233/234	1.10	0.888	U	1.22	pCi/L	--
		Uranium-235/236	0.443	0.628	U	1.06	pCi/L	--
		Uranium-238	0.773	0.799	U	1.22	pCi/L	--
MW48-3	48-2003	Gross Alpha	2.93	1.48		2.09	pCi/L	15 pCi/L (not including radon or uranium)
		Radium-226	0.547	0.243	U	0.222	pCi/L	5 pCi/L (combined Ra-226/228)
		Radium-228	1.46	0.659		1.06	pCi/L	
		Thorium-230	0.442	0.431	U	0.686	pCi/L	--
		Thorium-232	0.105	0.244	U	0.589	pCi/L	--
		Total Uranium	2.65	0.0396		0.198	ug/L	--
		Uranium-233/234	0.799	0.363	U	0.274	pCi/L	--
		Uranium-235/236	0.137	0.148	U	0.192	pCi/L	--
		Uranium-238	0.435	0.257		0.109	pCi/L	--
MW48-4	48-2004	Gross Alpha	101	17.4		19.2	pCi/L	15 pCi/L (not including radon or uranium)
		Radium-226	0.269	0.230	U	0.346	pCi/L	5 pCi/L (combined Ra-226/228)
		Radium-228	1.69	0.606		0.948	pCi/L	
		Thorium-230	0.958	0.546		0.338	pCi/L	--
		Thorium-232	0.0299	0.122	U	0.398	pCi/L	--
		Total Uranium	2.04	0.0735		0.198	ug/L	30 ug/L
		Uranium-233/234	1.40	0.453	U	0.196	pCi/L	--
		Uranium-235/236	0.0644	0.114	U	0.238	pCi/L	--
		Uranium-238	1.21	0.418		0.196	pCi/L	--
MW48-5	48-2005	Gross Alpha	2.21	1.14		1.23	pCi/L	15 pCi/L (not including radon or uranium)
		Radium-226	0.556	0.320	U	0.406	pCi/L	5 pCi/L (combined Ra-226/228)
		Radium-228	0.478	0.583	U	0.980	pCi/L	
		Thorium-230	0.778	0.635	U	0.830	pCi/L	--
		Thorium-232	0.0469	0.191	U	0.602	pCi/L	--
		Total Uranium	2.56	0.0412		0.198	ug/L	30 ug/L
		Uranium-233/234	1.06	0.393	U	0.166	pCi/L	--
		Uranium-235/236	0.135	0.145	U	0.219	pCi/L	--
		Uranium-238	0.693	0.317		0.238	pCi/L	--
MW48-6	48-2006	Gross Alpha	2.12	1.21		1.74	pCi/L	15 pCi/L (not including radon or uranium)
		Radium-226	0.215	0.169	U	0.223	pCi/L	5 pCi/L (combined Ra-226/228)
		Radium-228	1.07	0.606		0.987	pCi/L	
		Thorium-230	0.657	0.534	U	0.664	pCi/L	--
		Thorium-232	0.130	0.252	U	0.547	pCi/L	--
		Total Uranium	5.34	0.0768		0.198	ug/L	30 ug/L
		Uranium-233/234	2.24	0.586	U	0.0873	pCi/L	--
		Uranium-235/236	0.438	0.233	U	0.0876	pCi/L	--
		Uranium-238	1.48	0.457		0.154	pCi/L	--
MW48-7	48-2007	Gross Alpha	1.86	1.00		1.25	pCi/L	15 pCi/L (not including radon or uranium)
		Radium-226	0.663	0.344	U	0.426	pCi/L	5 pCi/L (combined Ra-226/228)
		Radium-228	0.643	0.534	U	0.886	pCi/L	
		Thorium-230	0.554	0.434	U	0.642	pCi/L	--
		Thorium-232	0.0621	0.179	U	0.475	pCi/L	--
		Total Uranium	2.03	0.0346		0.198	ug/L	30 ug/L
		Uranium-233/234	0.948	0.377	U	0.174	pCi/L	--
		Uranium-235/236	0.0992	0.115	U	0.0992	pCi/L	--
		Uranium-238	0.593	0.291		0.0989	pCi/L	--

Table 2
Analytical Groundwater Results
October 2003 Sampling Event
SEAD-48 Final Status Surveys
Seneca Army Depot Activity

Monitoring Well ID	Sample ID	Parameter	Lab Result	Uncertainty (+/-)	Qualifier ⁽¹⁾	MDL ⁽²⁾	Units ⁽³⁾	MCL ^(4, 5)
MW48-7 (duplicate)	48-2009	Gross Alpha	1.38	1.07	U	1.43	pCi/L	15 pCi/L (not including radon or uranium)
		Radium-226	0.629	0.337	U	0.423	pCi/L	5 pCi/L (combined Ra-226/228)
		Radium-228	0.936	0.644	U	1.06	pCi/L	
		Thorium-230	0.478	0.415	U	0.504	pCi/L	--
		Thorium-232	-0.000149	0.00825	U	0.612	pCi/L	--
		Total Uranium	1.90	0.0345		0.198	ug/L	30 ug/L
		Uranium-233/234	0.780	0.306	U	0.0807	pCi/L	--
		Uranium-235/236	0.068	0.0956	U	0.168	pCi/L	--
		Uranium-238	0.585	0.263		0.142	pCi/L	--
MW48-8	48-2008	Gross Alpha	36.6	5.69		4.24	pCi/L	15 pCi/L (not including radon or uranium)
		Radium-226	0.495	0.295	U	0.388	pCi/L	5 pCi/L (combined Ra-226/228)
		Radium-228	1.22	0.588		0.952	pCi/L	
		Thorium-230	1.07	0.605		0.421	pCi/L	--
		Thorium-232	0.118	0.241	U	0.548	pCi/L	--
		Total Uranium	0.946	0.0297		0.198	ug/L	30 ug/L
		Uranium-233/234	0.319	0.200	U	0.196	pCi/L	--
		Uranium-235/236	0.0499	0.0815	U	0.150	pCi/L	--
		Uranium-238	0.269	0.182		0.176	pCi/L	--

Notes:

- (1) U = Indicates that the target analyte was analyzed for but not detected above the detection limit.
- (2) MDL = method detection limit.
- (3) ug/L = micrograms per liter; pCi/L = picocuries per liter.
- (4) MCL = maximum contaminant level. From EPA 815-F-00-013, *Final Rule for (Non-Radon) Radionuclides in Drinking Water*, 2000.
- (5) "--" = MCL for this analyte not available.

SEAU-48
Groundwater Sampling Results
SDG 89747
Seneca Army Depot Activity

Sample Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CRQ
MPLE	10/08/03	10/10/03	11/01/03	11/07/03	ALPHA	EPA 900.0	-0.433	0.428	12587-46-1	PCIVL	U	1.27	5.00
MPLE	10/08/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.293	0.250	13982-63-3	PCIVL	U	0.376	1.00
MPLE	10/08/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	0.504	0.644	15262-20-1	PCIVL	U	1.08	3.00
MPLE	10/08/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.494	0.411	14269-63-7	PCIVL	U	0.518	1.00
MPLE	10/08/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	0.0743	0.214	7440-29-1	PCIVL	U	0.564	1.00
MPLE	10/08/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	0.253	0.0093	7440-61-1	UG/L	U	0.198	1.00
MPLE	10/08/03	10/10/03	11/08/03	11/08/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	0.328	0.229	13966-29-5	PCIVL	U	0.271	1.00
MPLE	10/08/03	10/10/03	11/08/03	11/08/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.0671	0.0953	13982-70-2	PCIVL	U	0.101	1.00
MPLE	10/08/03	10/10/03	11/08/03	11/08/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	-0.0241	0.028	7440-61-1	PCIVL	U	0.232	1.00
MPLE	10/06/03	10/10/03	11/03/03	11/03/03	ALPHA	EPA 900.0	15.8	2.02	12587-46-1	PCIVL	U	1.75	5.00
MPLE	10/07/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.937	0.367	13982-63-3	PCIVL	U	0.337	1.00
MPLE	10/07/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	1.35	0.713	15262-20-1	PCIVL	U	1.17	3.00
MPLE	10/07/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.923	0.603	14269-63-7	PCIVL	U	0.615	1.00
MPLE	10/07/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	0.0757	0.218	7440-29-1	PCIVL	U	0.575	1.00
MPLE	10/06/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	8.68	0.148	7440-61-1	UG/L	U	0.198	1.00
MPLE	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	3.45	0.823	13966-29-5	PCIVL	U	0.514	1.00
MPLE	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.197	0.170	13982-70-2	PCIVL	U	0.217	1.00
MPLE	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	3.35	0.784	7440-61-1	PCIVL	U	0.217	1.00
P	10/07/03	10/10/03	11/12/03	11/12/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	2.62	1.11	13966-29-5	PCIVL	U	0.801	1.00
P	10/07/03	10/10/03	11/12/03	11/12/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	1.15	0.702	13982-70-2	PCIVL	U	0.315	1.00
P	10/07/03	10/10/03	11/12/03	11/12/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	2.20	1.06	7440-61-1	PCIVL	U	1.00	1.00
MPLE	10/07/03	10/10/03	11/12/03	11/12/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	102	27.4	7440-61-1	%	U	0.482	1.00
MPLE	10/06/03	10/10/03	11/12/03	11/12/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	1.10	0.888	13966-29-5	PCIVL	U	1.22	1.00
MPLE	10/07/03	10/10/03	11/12/03	11/12/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	0.443	0.628	13982-70-2	PCIVL	U	1.06	1.00
MPLE	10/07/03	10/10/03	11/12/03	11/12/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.773	0.799	7440-61-1	PCIVL	U	1.22	1.00
MPLE	10/06/03	10/10/03	11/01/03	11/01/03	ALPHA	EPA 900.0	2.93	1.48	12587-46-1	PCIVL	U	2.09	5.00
MPLE	10/06/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.547	0.243	13982-63-3	PCIVL	U	0.222	1.00
MPLE	10/06/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	1.46	0.659	15262-20-1	PCIVL	U	1.06	3.00
MPLE	10/06/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.442	0.431	14269-63-7	PCIVL	U	0.686	1.00
MPLE	10/06/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	0.105	0.244	7440-29-1	PCIVL	U	0.589	1.00
MPLE	10/06/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	2.65	0.0396	7440-61-1	UG/L	U	0.198	1.00
MPLE	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	0.799	0.363	13966-29-5	PCIVL	U	0.274	1.00
MPLE	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.137	0.148	13982-70-2	PCIVL	U	0.192	1.00
MPLE	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	0.435	0.257	7440-61-1	PCIVL	U	0.109	1.00
MPLE	10/07/03	10/10/03	11/04/03	11/04/03	ALPHA	EPA 900.0	101	17.4	12587-46-1	PCIVL	U	19.2	5.00
MPLE	10/08/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.269	0.230	13982-63-3	PCIVL	U	0.346	1.00
MPLE	10/08/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	1.69	0.606	15262-20-1	PCIVL	U	0.948	3.00
MPLE	10/08/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.958	0.546	14269-63-7	PCIVL	U	0.338	1.00
MPLE	10/08/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	0.0299	0.122	7440-29-1	PCIVL	U	0.398	1.00
MPLE	10/07/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	2.04	0.0735	7440-61-1	UG/L	U	0.198	1.00
MPLE	10/08/03	10/10/03	11/08/03	11/08/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	1.40	0.453	13966-29-5	PCIVL	U	0.196	1.00
MPLE	10/08/03	10/10/03	11/08/03	11/08/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.0644	0.114	13982-70-2	PCIVL	U	0.238	1.00
MPLE	10/08/03	10/10/03	11/08/03	11/08/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	1.21	0.418	7440-61-1	PCIVL	U	0.196	1.00
P	10/07/03	10/10/03	11/01/03	11/01/03	ALPHA	EPA 900.0	2.72	1.22	12587-46-1	PCIVL	U	1.31	5.00
P	10/07/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.372	0.280	13982-63-3	PCIVL	U	0.404	1.00
P	10/07/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	1.57	0.690	15262-20-1	PCIVL	U	1.11	3.00
P	10/07/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.435	0.337	14269-63-7	PCIVL	U	0.330	1.00
P	10/07/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	-0.0484	0.0572	7440-29-1	PCIVL	U	0.434	1.00
P	10/07/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	2.59	0.0423	7440-61-1	UG/L	U	0.198	1.00
P	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	1.26	0.415	13966-29-5	PCIVL	U	0.206	1.00

SEAD-48
Groundwater Sampling Results
SDG 89747
Seneca Army Depot Activity

Sample_Type	Coll_date	Rec_date	Ext_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CRQ
JP	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.179	0.147	13982-70-2	PC/I/L		0.0893	1.00
JP	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	0.735	0.309	7440-61-1	PC/I/L		0.157	1.00
S	10/07/03	10/10/03	11/01/03	11/01/03	ALPHA	EPA 900.0	85	5.35	12587-46-1	%		1.73	5.00
S	10/07/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	86	1.52	13982-63-3	%		0.339	1.00
S	10/07/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	119	7.94	15262-20-1	%		6.00	3.00
S	10/07/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	100	3.21	7440-29-1	%		0.438	1.00
S	10/07/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	107	2.06	7440-61-1	%		0.198	1.00
S	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	97	1.98	7440-61-1	%		0.237	1.00
SD	10/07/03	10/10/03	11/02/03	11/02/03	ALPHA	EPA 900.0	82	11.2	12587-46-1	%		5.51	5.00
AMPLE	10/07/03	10/10/03	11/01/03	11/01/03	ALPHA	EPA 900.0	2.21	1.14	12587-46-1	PC/I/L		1.23	5.00
AMPLE	10/07/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.556	0.320	13982-63-3	PC/I/L		0.406	1.00
AMPLE	10/07/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	0.478	0.583	15262-20-1	PC/I/L	U	0.980	3.00
AMPLE	10/07/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.778	0.635	14269-63-7	PC/I/L	U	0.830	1.00
AMPLE	10/07/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	0.0469	0.191	7440-29-1	PC/I/L	U	0.602	1.00
AMPLE	10/07/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	2.56	0.0412	7440-61-1	UG/L		0.198	1.00
AMPLE	10/07/03	10/10/03	11/07/03	11/07/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	1.06	0.393	13966-29-5	PC/I/L		0.166	1.00
AMPLE	10/07/03	10/10/03	11/07/03	11/07/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.135	0.145	13982-70-2	PC/I/L	U	0.219	1.00
AMPLE	10/07/03	10/10/03	11/07/03	11/07/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	0.693	0.317	7440-61-1	PC/I/L		0.238	1.00
AMPLE	10/06/03	10/10/03	11/01/03	11/01/03	ALPHA	EPA 900.0	2.12	1.21	12587-46-1	PC/I/L		1.74	5.00
AMPLE	10/06/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.215	0.169	13982-63-3	PC/I/L	U	0.223	1.00
AMPLE	10/06/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	1.07	0.606	15262-20-1	PC/I/L		0.987	3.00
AMPLE	10/06/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.657	0.534	14269-63-7	PC/I/L	U	0.664	1.00
AMPLE	10/06/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	0.130	0.252	7440-29-1	PC/I/L	U	0.547	1.00
AMPLE	10/06/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	5.34	0.0768	7440-61-1	UG/L		0.198	1.00
AMPLE	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	2.24	0.586	13966-29-5	PC/I/L		0.0873	1.00
AMPLE	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.438	0.233	13982-70-2	PC/I/L		0.0876	1.00
AMPLE	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	1.48	0.457	7440-61-1	PC/I/L		0.154	1.00
AMPLE	10/06/03	10/10/03	11/01/03	11/01/03	ALPHA	EPA 900.0	1.86	1.00	12587-46-1	PC/I/L		1.25	5.00
AMPLE	10/06/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.663	0.344	13982-63-3	PC/I/L		0.426	1.00
AMPLE	10/06/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	0.643	0.534	15262-20-1	PC/I/L	U	0.886	3.00
AMPLE	10/06/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.554	0.434	14269-63-7	PC/I/L	U	0.642	1.00
AMPLE	10/06/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	0.0621	0.179	7440-29-1	PC/I/L	U	0.475	1.00
AMPLE	10/06/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	2.03	0.0346	7440-61-1	UG/L		0.198	1.00
AMPLE	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	0.948	0.377	13966-29-5	PC/I/L		0.174	1.00
AMPLE	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.0992	0.115	13982-70-2	PC/I/L		0.0992	1.00
AMPLE	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	0.593	0.291	7440-61-1	PC/I/L		0.0989	1.00
AMPLE	10/07/03	10/10/03	11/03/03	11/03/03	ALPHA	EPA 900.0	36.6	5.69	12587-46-1	PC/I/L		4.24	5.00
AMPLE	10/07/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.495	0.295	13982-63-3	PC/I/L		0.388	1.00
AMPLE	10/07/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	1.22	0.588	15262-20-1	PC/I/L		0.952	3.00
AMPLE	10/07/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	1.07	0.605	14269-63-7	PC/I/L		0.421	1.00
AMPLE	10/07/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	0.118	0.241	7440-29-1	PC/I/L	U	0.548	1.00
AMPLE	10/07/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	0.946	0.0297	7440-61-1	UG/L		0.198	1.00
AMPLE	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	0.319	0.200	13966-29-5	PC/I/L		0.196	1.00
AMPLE	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.0499	0.0815	13982-70-2	PC/I/L	U	0.150	1.00
AMPLE	10/07/03	10/10/03	11/08/03	11/08/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	0.269	0.182	7440-61-1	PC/I/L		0.176	1.00
AMPLE	10/06/03	10/10/03	11/01/03	11/01/03	ALPHA	EPA 900.0	1.38	1.07	12587-46-1	PC/I/L	U	1.43	5.00
AMPLE	10/06/03	10/10/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.629	0.337	13982-63-3	PC/I/L		0.423	1.00
AMPLE	10/06/03	10/10/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	0.936	0.644	15262-20-1	PC/I/L	U	1.06	3.00
AMPLE	10/06/03	10/10/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.478	0.415	14269-63-7	PC/I/L	U	0.504	1.00
AMPLE	10/06/03	10/10/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	-0.000149	0.00825	7440-29-1	PC/I/L	U	0.612	1.00

**Groundwater Sampling Results
SDG 89747
Seneca Army Depot Activity**

Sample Type	Coll_date	Rec_date	Exl_date	Anal_date	Parameter	Method	Lab Result	Uncertainty	Cas_num	Units	Lab_Qual	MDL	CRDL_CRQL
MPL	10/06/03	10/10/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	1.90	0.0345	7440-61-1	UG/L		0.198	1.00
MPL	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	0.780	0.306	13966-29-5	PC/L		0.0807	1.00
MPL	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.068	0.0956	13982-70-2	PC/L U		0.168	1.00
MPL	10/06/03	10/10/03	11/07/03	11/07/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	0.585	0.263	7440-61-1	PC/L		0.142	1.00
S	11/02/03	11/02/03	11/02/03	11/02/03	ALPHA	EPA 900.0	102	9.66	12587-46-1	%		2.78	5.00
S	11/05/03	11/05/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	91	1.34	13982-63-3	%		0.178	1.00
S	10/28/03	10/28/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	119	3.53	15262-20-1	%		2.89	3.00
S	11/13/03	11/13/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	117	4.05	7440-29-1	%		0.410	1.00
S	11/11/03	11/11/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	109	1.98	7440-61-1	%		0.198	1.00
S	11/08/03	11/08/03	11/08/03	11/08/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	99	2.01	7440-61-1	%		0.254	1.00
S	11/12/03	11/12/03	11/12/03	11/12/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	101	17.9	7440-61-1	%		0.970	1.00
S	11/11/03	11/11/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	122	0.881	7440-61-1	%		1.98	1.00
SD	11/01/03	11/01/03	11/01/03	11/01/03	ALPHA	EPA 900.0	-0.348	0.360	12587-46-1	PC/L U		1.17	5.00
	11/05/03	11/05/03	11/05/03	11/05/03	Radium-226	EPA 903.1 Modified	0.378	0.227	13982-63-3	PC/L		0.272	1.00
	10/28/03	10/28/03	10/28/03	10/28/03	Radium-228	EPA 904.0 Modified	0.525	0.544	15262-20-1	PC/L U		0.910	3.00
	11/13/03	11/13/03	11/13/03	11/13/03	Thorium-230	DOE EML HASL-300, Th-01-RC Modified	0.496	0.374	14269-63-7	PC/L		0.399	1.00
	11/13/03	11/13/03	11/13/03	11/13/03	Thorium-232	DOE EML HASL-300, Th-01-RC Modified	0.0299	0.122	7440-29-1	PC/L U		0.399	1.00
	11/11/03	11/11/03	11/11/03	11/11/03	Total Uranium	ASTM D 5174	0.00	0.00	7440-61-1	UG/L U		0.198	1.00
	11/08/03	11/08/03	11/08/03	11/08/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	0.268	0.199	13966-29-5	PC/L		0.225	1.00
	11/12/03	11/12/03	11/12/03	11/12/03	Uranium-233/234	DOE EML HASL-300, U-02-RC Modified	2.280E-08	0.540	13966-29-5	PC/L U		1.17	1.00
	11/08/03	11/08/03	11/08/03	11/08/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.252	0.187	13982-70-2	PC/L		0.171	1.00
	11/12/03	11/12/03	11/12/03	11/12/03	Uranium-235/236	DOE EML HASL-300, U-02-RC Modified	0.383	0.471	13982-70-2	PC/L U		0.732	1.00
	11/08/03	11/08/03	11/08/03	11/08/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	0.0246	0.0667	7440-61-1	PC/L U		0.171	1.00
	11/12/03	11/12/03	11/12/03	11/12/03	Uranium-238	DOE EML HASL-300, U-02-RC Modified	0.191	0.382	7440-61-1	PC/L U		0.730	1.00

Attachment 3

Ash Landfill and SEAD-122B Data

The following data are presented in the associate reports that have been submitted to EPA and therefore are not included in this quarterly report:

The 2004 data for the Small Arms Range – Airfield (SEAD-122B) are presented in the Final Characterization Report submitted in February 2004.

The 2003 third quarter data for Ash Landfill are presented in the Ash Landfill Quarterly Groundwater Monitoring Report submitted in February 2004.

