



May 07, 2004

ANALYTICAL TEST RESULTS

Mark Johnson
PLEXUS Scientific
8808 Centre Park Drive
Suite 300
Columbia, MD 21045
TEL: (410) 715-3865
FAX: (410) 715-3866

Subject: Seneca - SEAD 63

Workorder No.: 0404223

Dear Mark Johnson:

AMRO Environmental Laboratories Corp. received 5 samples on 4/29/04 for the analyses presented in the following report.

AMRO operates a Quality Assurance Program which meets or exceeds National Environmental Laboratory Accreditation Conference (NELAC), state, and EPA requirements.

The enclosed Sample Receipt Checklist details the condition of your sample(s) upon receipt. Please be advised that any unused sample volume and sample extracts will be stored for a period of 60 days from sample receipt date (90 days for samples from New York). After this time, AMRO will properly dispose of the remaining sample(s). If you require further analysis, or need the samples held for a longer period, please contact us immediately.

This report consists of a total of 57 pages. This letter is an integral part of your data report. All results in this project relate only to the sample(s) as received by the laboratory and documented in the Chain-of-Custody. This report shall not be reproduced except in full, without the written approval of the laboratory. If you have any questions regarding this project in the future, please refer to the Workorder Number above.

Sincerely,

Nancy Stewart
Vice President/Lab Director

State Certifications: NH (NELAC): 1001, MA: M-NH012, CT: PH-0758, NY: 11278 (NELAC), ME: NH012 and 1001, NJ: NH125, RI: 00105, U.S. Army Corps of Engineers (USACE), Naval Facilities Engineering Service Center (NFESC).

Hard copy of the State Certification is available upon request.

CLIENT: PLEXUS Scientific
Project: Seneca - SEAD 63
Lab Order: 0404223
Date Received: 4/29/04

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Collection Date	Collection Time
0404223-01A	SEAD63-SLW-08	4/28/04	
0404223-01B	SEAD63-SLW-08	4/28/04	
0404223-01C	SEAD63-SLW-08	4/28/04	
0404223-02A	SEAD63-SLW-09	4/28/04	
0404223-02B	SEAD63-SLW-09	4/28/04	
0404223-02C	SEAD63-SLW-09	4/28/04	
0404223-03A	SEAD63-SLW-10	4/28/04	
0404223-03B	SEAD63-SLW-10	4/28/04	
0404223-03C	SEAD63-SLW-10	4/28/04	
0404223-04A	SEAD63-SLW-11	4/28/04	
0404223-04B	SEAD63-SLW-11	4/28/04	
0404223-04C	SEAD63-SLW-11	4/28/04	
0404223-05A	SEAD63-SLW-12	4/28/04	
0404223-05B	SEAD63-SLW-12	4/28/04	
0404223-05C	SEAD63-SLW-12	4/28/04	

Lab Order: 0404223
 Client: PLEXUS Scientific
 Project: Seneca - SEAD 63

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name Preparatory Test Name	Prep Date	Analysis Date Batch ID	TCLP Date
0404223-01A	SEAD63-SLW-08	4/28/04	Soil	EPA 8260B VOLATILES, TCLP Leached		5/3/04	
				EPA 1311/5030	4/29/04	R23460	4/29/04
0404223-01B				EPA 6010B ICP METALS, TCLP		5/3/04	
				EPA 3010 TCLP PREP FOR ICP	4/30/04	11554	4/29/04
				EPA 7470 MERCURY, TCLP		5/3/04	
				MERCURY PREP: EPA 7040	4/30/04	11567	4/29/04
				EPA 8270 SEMIVOLATILES, TCLP Leached		5/3/04	
0404223-01C				EPA 3510 AQPREP SEP FUNNEL: TCLP BNA	5/3/04	11577	4/29/04
				EPA 1010 Ignitability		4/30/04	
						R23441	
				EPA 7.3.3.2 Cyanide, Reactive		5/4/04	
						R23469	
				EPA 7.3.4.2 Sulfide, Reactive (Soils/Solids/Waste)		5/3/04	
						R23464	
				EPA 8081 ORGANOCHLORINE PESTICIDES		4/30/04	
				EPA 3541 SOPREP AUTOSOXHLET: PESTICIDES	4/29/04	11559	
				EPA 8082 PCBS IN SOIL/SOLIDS		4/30/04	
				EPA 3541 SOPREP AUTOSOXHLET: PCBS	4/29/04	11558	
				EPA 9045C pH/Corrosivity in Soil		4/30/04	
						R23426	
Paint Filter Test		4/29/04					
		R23421					
Percent Moisture		4/29/04					
		R23423					

Lab Order: 0404223
 Client: PLEXUS Scientific
 Project: Seneca - SEAD 63

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name Preparatory Test Name	Prep Date	Analysis Date Batch ID	TCLP Date
0404223-02A	SEAD63-SLW-09	4/28/04	Soil	EPA 8260B VOLATILES, TCLP Leached EPA 1311/5030	4/29/04	5/3/04 R23460	4/29/04
0404223-02B				EPA 6010B ICP METALS, TCLP EPA 3010 TCLP PREP FOR ICP	4/30/04	5/3/04 11554	4/29/04
				EPA 7470 MERCURY, TCLP MERCURY PREP: EPA 7040	4/30/04	5/3/04 11567	4/29/04
				EPA 8270 SEMIVOLATILES, TCLP Leached EPA 3510 AQPREP SEP FUNNEL: TCLP BNA	5/3/04	5/3/04 11577	4/29/04
0404223-02C				EPA 1010 Ignitability		4/30/04 R23441	
				EPA 7.3.3.2 Cyanide, Reactive		5/4/04 R23469	
				EPA 7.3.4.2 Sulfide, Reactive (Soils/Solids/Waste)		5/3/04 R23464	
				EPA 8081 ORGANOCHLORINE PESTICIDES EPA 3541 SOPREP AUTOSOXHLET: PESTICIDES	4/29/04	4/30/04 11559	
				EPA 8082 PCBs IN SOIL/SOLIDS EPA 3541 SOPREP AUTOSOXHLET: PCBs	4/29/04	4/30/04 11558	
				EPA 9045C pH/Corrosivity in Soil		4/30/04 R23426	
				Paint Filter Test		4/29/04 R23421	
				Percent Moisture		4/29/04 R23423	

4

Lab Order: 0404223
 Client: PLEXUS Scientific
 Project: Seneca - SEAD 63

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name		Analysis Date	
				Preparatory Test Name	Prep Date	Batch ID	TCLP Date
0404223-03A	SEAD63-SLW-10	4/28/04	Soil	EPA 8260B VOLATILES, TCLP Leached		5/3/04	
				EPA 1311/5030	4/29/04	R23460	4/29/04
0404223-03B				EPA 6010B ICP METALS, TCLP		5/3/04	
				EPA 3010 TCLP PREP FOR ICP	4/30/04	11554	4/29/04
				EPA 7470 MERCURY, TCLP		5/3/04	
				MERCURY PREP: EPA 7040	4/30/04	11567	4/29/04
				EPA 8270 SEMIVOLATILES, TCLP Leached		5/3/04	
0404223-03C				EPA 3510 AQPREP SEP FUNNEL: TCLP BNA	5/3/04	11577	4/29/04
				EPA 1010 Ignitability		4/30/04	
						R23441	
				EPA 7.3.3.2 Cyanide, Reactive		5/4/04	
						R23469	
				EPA 7.3.4.2 Sulfide, Reactive (Soils/Solids/Waste)		5/3/04	
						R23464	
				EPA 8081 ORGANOCHLORINE PESTICIDES		4/30/04	
				EPA 3541 SOPREP AUTOSOXHLET: PESTICIDES	4/29/04	11559	
				EPA 8082 PCBS IN SOIL/SOLIDS		4/30/04	
				EPA 3541 SOPREP AUTOSOXHLET: PCBS	4/29/04	11558	
				EPA 9045C pH/Corrosivity in Soil		4/30/04	
		R23426					
		Paint Filter Test	4/29/04				
			R23421				
		Percent Moisture	4/29/04				
			R23423				

Lab Order: 0404223
 Client: PLEXUS Scientific
 Project: Seneca - SEAD 63

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name Preparatory Test Name	Prep Date	Analysis Date Batch ID	TCLP Date
0404223-04A	SEAD63-SLW-11	4/28/04	Soil	EPA 8260B VOLATILES, TCLP Leached		5/3/04	
				EPA 1311/5030	4/30/04	R23460	4/30/04
0404223-04B				EPA 6010B ICP METALS, TCLP		5/3/04	
				EPA 3010 TCLP PREP FOR ICP	4/30/04	11554	4/29/04
				EPA 7470 MERCURY, TCLP		5/3/04	
				MERCURY PREP: EPA 7040	4/30/04	11567	4/29/04
				EPA 8270 SEMIVOLATILES, TCLP Leached		5/3/04	
0404223-04C				EPA 3510 AQPREP SEP FUNNEL: TCLP BNA	5/3/04	11577	4/29/04
				EPA 1010 Ignitability		4/30/04	
						R23441	
				EPA 7.3.3.2 Cyanide, Reactive		5/4/04	
						R23469	
				EPA 7.3.4.2 Sulfide, Reactive (Soils/Solids/Waste)		5/3/04	
						R23464	
				EPA 8081 ORGANOCHLORINE PESTICIDES		4/30/04	
				EPA 3541 SOPREP AUTOSOXHLET: PESTICIDES	4/29/04	11559	
				EPA 8082 PCBS IN SOIL/SOLIDS		4/30/04	
EPA 3541 SOPREP AUTOSOXHLET: PCBS	4/29/04	11558					
				EPA 9045C pH/Corrosivity in Soil		4/30/04	
						R23426	
				Paint Filter Test		4/29/04	
						R23421	
				Percent Moisture		4/29/04	
						R23423	

AMRO Environmental Laboratories Corp.

05-May-04

Lab Order: 0404223
 Client: PLEXUS Scientific
 Project: Seneca - SEAD 63

DATES REPORT

Sample ID	Client Sample ID	Collection Date	Matrix	Analytical Test Name Preparatory Test Name	Prep Date	Analysis Date Batch ID	TCLP Date
0404223-05A	SEAD63-SLW-12	4/28/04	Soil	EPA 8260B VOLATILES, TCLP Leached EPA 1311/5030	4/30/04	5/3/04 R23460	4/30/04
0404223-05B				EPA 6010B ICP METALS, TCLP EPA 3010 TCLP PREP FOR ICP	4/30/04	5/3/04 11554	4/29/04
				EPA 7470 MERCURY, TCLP MERCURY PREP: EPA 7040	4/30/04	5/3/04 11567	4/29/04
				EPA 8270 SEMIVOLATILES, TCLP Leached EPA 3510 AQPREP SEP FUNNEL: TCLP BNA	5/3/04	5/3/04 11577	4/29/04
0404223-05C				EPA 1010 Ignitability		4/30/04 R23441	
				EPA 7.3.3.2 Cyanide, Reactive		5/4/04 R23469	
				EPA 7.3.4.2 Sulfide, Reactive (Soils/Solids/Waste)		5/3/04 R23464	
				EPA 8081 ORGANOCHLORINE PESTICIDES EPA 3541 SOPREP AUTOSOXHLET: PESTICIDES	4/29/04	4/30/04 11559	
				EPA 8082 PCBS IN SOIL/SOLIDS EPA 3541 SOPREP AUTOSOXHLET: PCBS	4/29/04	4/30/04 11558	
				EPA 9045C pH/Corrosivity in Soil		4/30/04 R23426	
				Paint Filter Test		4/29/04 R23421	
				Percent Moisture		4/29/04 R23423	

049261

0404223

Project No.: _____		Project Name: <u>Sewer - SEAD 63</u>			Project Manager: <u>Tim Taylor</u>			Samplers (Signature): <u>[Signature]</u>			AMRO Project No.: <u>NB04010</u>												
<u>P.O. 2025</u>		Project State: _____																					
Sample ID	Date/Time Sampled	Matrix A= Air S= Soil GW= Ground W. WW= Waste W. DW= Drinking W. O= Oil Other= Specify	Total # of Cont. & Size	Comp Grab		Analysis Required										Remarks							
						92206 (TCLP)	92206 (TCLP)	92206 (TCLP)	92206 (TCLP)	92206 (TCLP)	92206 (TCLP)	92206 (TCLP)	92206 (TCLP)	92206 (TCLP)	92206 (TCLP)		92206 (TCLP)	92206 (TCLP)	92206 (TCLP)				
<u>SEAD63-SLW-08</u>	<u>04/24/09</u>	<u>S</u>	<u>1x402</u>		<input checked="" type="checkbox"/>																		
<u>SEAD63-SLW-08</u>	<u>0920</u>	<u>S</u>	<u>2x802</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>SEAD63-SLW-09</u>	<u>0945</u>	<u>S</u>	<u>1x402</u>		<input checked="" type="checkbox"/>																		
<u>SEAD63-SLW-09</u>	<u>0945</u>	<u>S</u>	<u>2x802</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>SEAD63-SLW-10</u>	<u>1000</u>	<u>S</u>	<u>1x402</u>		<input checked="" type="checkbox"/>																		
<u>SEAD63-SLW-10</u>	<u>1000</u>	<u>S</u>	<u>2x802</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>SEAD63-SLW-11</u>	<u>1015</u>	<u>S</u>	<u>1x402</u>		<input checked="" type="checkbox"/>																		
<u>SEAD63-SLW-11</u>	<u>1015</u>	<u>S</u>	<u>2x802</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
<u>SEAD63-SLW-12</u>	<u>1115</u>	<u>S</u>	<u>1x402</u>		<input checked="" type="checkbox"/>																		
<u>SEAD63-SLW-12</u>	<u>1115</u>	<u>S</u>	<u>2x802</u>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	
Preservative: Cl-HCl, MeOH, N-HNO3, S-H2SO4, Na-NaOH, O- Other																							
Container Type: P- Plastic, G-Glass, V-Vial, T- Teflon, O-Other																							
Send Results To: <u>wwassall@plexsci.com</u>			FAX No.: _____			Seal Intact? Yes No N/A			P.O. No: <u>NB04010</u>			GW-1* _____			GW-2 _____			GW-3 _____					
<u>TTaylor@plexsci.com</u>																							
<u>MJohnson@plexsci.com</u>																							
						Results Needed By: <u>72 hrs.</u>																	
Relinquished By			Date/ Time			Received By			PRIORITY TURNAROUND TIME AUTHORIZATION Before submitting samples for expedited TAT, you must have requested in advance and received a coded AUTHORIZATION NUMBER. Samples arriving after 12:00 noon will be tracked and billed as received on the following day. AUTHORIZATION No. _____ BY: _____														
<u>[Signature]</u>			<u>04/21/09</u> <u>1500</u> <u>0920</u> <u>4-29-04</u>			<u>C Coarley</u>																	
Please print clearly, legibly and completely. Samples can not be logged in and the turnaround time clock will not start until any ambiguities are resolved.						NOTES: Preservatives, Special reporting limits, Known Contamination, etc; <u>72 hr. Turnaround</u>						AMRO policy requires notification in writing to the laboratory in cases where the samples were collected from highly contaminated sites.											
White: Lab Copy			Yellow: Accompanies Report			Pink: Client Copy			SHEET /			OF /											

CLIENT: PLEXUS Scientific
Project: Seneca - SEAD 63
Lab Order: 0404223

CASE NARRATIVE

GC/ECD-PESTICIDES

1. The %difference (%D) for some compounds in the Continuing Calibration Verification (CCV) standard analyzed on 04/30/04 (P21 and P22) on instrument Trent exceeded the $\pm 15\%$ limit. The laboratory used the average percent difference for all analytes as per SW-846 Method 8081A Section 7.5. Sample results were reported from the front column (CLP Pesticide 1, 0.32mm). Please refer to the Continuing Calibration Summary Form in the Pesticide Section. These analytes were not detected in any associated samples.

2. The Matrix Spike (MS) and Matrix Spike Duplicate (MSD) were performed on sample SEAD63-SLW-08 (0404223-01C)(Batch ID: 11559) All %REC's and %RPD's were within the QC limits with the following exceptions:

2.1 The %REC's for three compounds in the MS were outside the laboratory control limits. These failures were probably due to sample non-homogeneity.

2.2 The %RPD's between the MS and MSD for five compounds were outside the laboratory control limits (50%).

3. A Laboratory Control Sample (LCS-11559) was performed. gamma-BHC and Endrin Ketone recovered above the laboratory control limits. These compounds were not detected in any associated samples.

DATA COMMENT PAGE

Organic Data Qualifiers

- ND Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than the method detection limit.
- H Method prescribed holding time exceeded.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- B This flag is used when the analyte is found in the associated blank as well as in the sample.
- R RPD outside accepted recovery limits
- RL Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S Spike Recovery outside accepted recovery limits.
- # See Case Narrative

Inorganic Data Qualifiers

- ND or Indicates element was analyzed for, but not detected at or above the reporting limit.
- J Indicates a value greater than or equal to the method detection limit, but less than the quantitation limit.
- H Indicates analytical holding time exceedance.
- B Indicates that the analyte is found in the associated blank, as well as in the sample.
- MSA Indicates value determined by the Method of Standard Addition
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- R RPD outside accepted recovery limits
- RL Reporting limit; defined as the lowest concentration the laboratory can accurately quantitate.
- S Spike Recovery outside accepted recovery limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995
- # See Case Narrative

Report Comments:

1. Soil, sediment and sludge sample results are reported on a "dry weight" basis.
2. Reporting limits are adjusted for sample size used, dilutions and moisture content, if applicable.

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-08
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-01A	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES, TCLP LEACHED						Analyst: KT
		SW1311/8260B				
1,1-Dichloroethene	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
1,2-Dichloroethane	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
1,4-Dichlorobenzene	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
2-Butanone	ND	0.10		mg/L	10	5/3/04 1:16:00 PM
Benzene	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
Carbon tetrachloride	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
Chlorobenzene	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
Chloroform	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
Tetrachloroethene	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
Trichloroethene	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
Vinyl chloride	ND	0.020		mg/L	10	5/3/04 1:16:00 PM
Surr: 1,2-Dichloroethane-d4	91.9	81-117		%REC	10	5/3/04 1:16:00 PM
Surr: 4-Bromofluorobenzene	96.0	85-113		%REC	10	5/3/04 1:16:00 PM
Surr: Dibromofluoromethane	99.8	86-113		%REC	10	5/3/04 1:16:00 PM
Surr: Toluene-d8	99.2	86-112		%REC	10	5/3/04 1:16:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-09
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-02A	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES, TCLP LEACHED						Analyst: KT
		SW1311/8260B				
1,1-Dichloroethene	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
1,2-Dichloroethane	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
1,4-Dichlorobenzene	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
2-Butanone	ND	0.10		mg/L	10	5/3/04 1:50:00 PM
Benzene	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
Carbon tetrachloride	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
Chlorobenzene	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
Chloroform	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
Tetrachloroethene	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
Trichloroethene	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
Vinyl chloride	ND	0.020		mg/L	10	5/3/04 1:50:00 PM
Surr: 1,2-Dichloroethane-d4	91.6	81-117		%REC	10	5/3/04 1:50:00 PM
Surr: 4-Bromofluorobenzene	96.2	85-113		%REC	10	5/3/04 1:50:00 PM
Surr: Dibromofluoromethane	102	86-113		%REC	10	5/3/04 1:50:00 PM
Surr: Toluene-d8	103	86-112		%REC	10	5/3/04 1:50:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-10
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-03A	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES, TCLP LEACHED		SW1311/8260B				Analyst: KT
1,1-Dichloroethene	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
1,2-Dichloroethane	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
1,4-Dichlorobenzene	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
2-Butanone	ND	0.10		mg/L	10	5/3/04 2:25:00 PM
Benzene	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
Carbon tetrachloride	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
Chlorobenzene	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
Chloroform	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
Tetrachloroethene	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
Trichloroethene	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
Vinyl chloride	ND	0.020		mg/L	10	5/3/04 2:25:00 PM
Surr: 1,2-Dichloroethane-d4	92.1	81-117		%REC	10	5/3/04 2:25:00 PM
Surr: 4-Bromofluorobenzene	93.6	85-113		%REC	10	5/3/04 2:25:00 PM
Surr: Dibromofluoromethane	101	86-113		%REC	10	5/3/04 2:25:00 PM
Surr: Toluene-d8	103	86-112		%REC	10	5/3/04 2:25:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-11
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-04A	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES, TCLP LEACHED		SW1311/8260B			Analyst: KT	
1,1-Dichloroethene	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
1,2-Dichloroethane	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
1,4-Dichlorobenzene	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
2-Butanone	ND	0.10		mg/L	10	5/3/04 2:59:00 PM
Benzene	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
Carbon tetrachloride	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
Chlorobenzene	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
Chloroform	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
Tetrachloroethene	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
Trichloroethene	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
Vinyl chloride	ND	0.020		mg/L	10	5/3/04 2:59:00 PM
Surr: 1,2-Dichloroethane-d4	91.4	81-117		%REC	10	5/3/04 2:59:00 PM
Surr: 4-Bromofluorobenzene	95.0	85-113		%REC	10	5/3/04 2:59:00 PM
Surr: Dibromofluoromethane	94.6	86-113		%REC	10	5/3/04 2:59:00 PM
Surr: Toluene-d8	99.4	86-112		%REC	10	5/3/04 2:59:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-12
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-05A	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILES, TCLP LEACHED		SW1311/8260B				Analyst: KT
1,1-Dichloroethene	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
1,2-Dichloroethane	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
1,4-Dichlorobenzene	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
2-Butanone	ND	0.10		mg/L	10	5/3/04 3:33:00 PM
Benzene	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
Carbon tetrachloride	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
Chlorobenzene	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
Chloroform	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
Tetrachloroethene	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
Trichloroethene	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
Vinyl chloride	ND	0.020		mg/L	10	5/3/04 3:33:00 PM
Surr: 1,2-Dichloroethane-d4	93.8	81-117		%REC	10	5/3/04 3:33:00 PM
Surr: 4-Bromofluorobenzene	97.0	85-113		%REC	10	5/3/04 3:33:00 PM
Surr: Dibromofluoromethane	102	86-113		%REC	10	5/3/04 3:33:00 PM
Surr: Toluene-d8	102	86-112		%REC	10	5/3/04 3:33:00 PM

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Method Blank

Sample ID mb-11566 Batch ID: R23460 Test Code: SW1311/8260 Units: mg/L Analysis Date 5/3/2004 12:42:00 PM Prep Date 4/30/2004
 Client ID: Run ID: V-3_040503A SeqNo: 387604

Analyte	QC Sample			QC Spike Original Sample				Original Sample				Qua
	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit	
1,1-Dichloroethene	ND	0.020	mg/L									
1,2-Dichloroethane	ND	0.020	mg/L									
1,4-Dichlorobenzene	ND	0.020	mg/L									
2-Butanone	ND	0.10	mg/L									
Benzene	ND	0.020	mg/L									
Carbon tetrachloride	ND	0.020	mg/L									
Chlorobenzene	ND	0.020	mg/L									
Chloroform	ND	0.020	mg/L									
Tetrachloroethene	ND	0.020	mg/L									
Trichloroethene	ND	0.020	mg/L									
Vinyl chloride	ND	0.020	mg/L									
Surr: 1,2-Dichloroethane-d4	0.2349	0	mg/L	0.25	0	94	81	117	0			
Surr: 4-Bromofluorobenzene	0.2477	0	mg/L	0.25	0	99.1	85	113	0			
Surr: Dibromofluoromethane	0.2595	0	mg/L	0.25	0	104	86	113	0			
Surr: Toluene-d8	0.2591	0	mg/L	0.25	0	104	86	112	0			

17

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Laboratory Control Spike

Sample ID: Ics-05/03/04 Batch ID: R23460 Test Code: SW1311/8260 Units: mg/L Analysis Date: 5/3/2004 10:37:00 AM Prep Date: 5/3/2004
 Client ID: Run ID: V-3_040503A SeqNo: 387620

Analyte	QC Sample		Units	QC Spike		Original Sample		Original Sample		%RPD	RPDLimit	Qua
	Result	RL		Amount	Result	%REC	LowLimit	HighLimit	or MS Result			
1,1-Dichloroethene	0.02213	0.0020	mg/L	0.02	0	111	72	131	0			
1,2-Dichloroethane	0.01941	0.0020	mg/L	0.02	0	97	77	128	0			
1,4-Dichlorobenzene	0.01884	0.0020	mg/L	0.02	0	94.2	77	122	0			
2-Butanone	0.02529	0.010	mg/L	0.02	0	126	35	150	0			
Benzene	0.01934	0.0020	mg/L	0.02	0	96.7	76	119	0			
Carbon tetrachloride	0.01951	0.0020	mg/L	0.02	0	97.6	67	129	0			
Chlorobenzene	0.019	0.0020	mg/L	0.02	0	95	81	115	0			
Chloroform	0.02083	0.0020	mg/L	0.02	0	104	78	119	0			
Tetrachloroethene	0.02108	0.0020	mg/L	0.02	0	105	84	123	0			
Trichloroethene	0.02105	0.0020	mg/L	0.02	0	105	72	115	0			
Vinyl chloride	0.02544	0.0020	mg/L	0.02	0	127	51	150	0			
Surr: 1,2-Dichloroethane-d4	0.02353	0	mg/L	0.025	0	94.1	81	117	0			
Surr: 4-Bromofluorobenzene	0.02594	0	mg/L	0.025	0	104	85	113	0			
Surr: Dibromofluoromethane	0.026	0	mg/L	0.025	0	104	86	113	0			
Surr: Toluene-d8	0.02648	0	mg/L	0.025	0	106	86	112	0			

18

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit: defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-08
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-01B	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES, TCLP LEACHED		SW1311/8270C				Analyst: RKK
Pyridine	ND	0.080		mg/L	1	5/3/04 6:44:00 PM
Cresols, Total	ND	0.040		mg/L	1	5/3/04 6:44:00 PM
1,4-Dichlorobenzene	ND	0.040		mg/L	1	5/3/04 6:44:00 PM
Hexachloroethane	ND	0.040		mg/L	1	5/3/04 6:44:00 PM
Nitrobenzene	ND	0.040		mg/L	1	5/3/04 6:44:00 PM
Hexachlorobutadiene	ND	0.040		mg/L	1	5/3/04 6:44:00 PM
2,4,6-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 6:44:00 PM
2,4,5-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 6:44:00 PM
2,4-Dinitrotoluene	ND	0.040		mg/L	1	5/3/04 6:44:00 PM
Hexachlorobenzene	ND	0.040		mg/L	1	5/3/04 6:44:00 PM
Pentachlorophenol	ND	0.080		mg/L	1	5/3/04 6:44:00 PM
Surr: 2-Fluorophenol	21.3	19-77		%REC	1	5/3/04 6:44:00 PM
Surr: Phenol-d5	18.2	14-52		%REC	1	5/3/04 6:44:00 PM
Surr: Nitrobenzene-d5	45.7	40-111		%REC	1	5/3/04 6:44:00 PM
Surr: 2-Fluorobiphenyl	49.5	42-108		%REC	1	5/3/04 6:44:00 PM
Surr: 2,4,6-Tribromophenol	56.8	52-132		%REC	1	5/3/04 6:44:00 PM
Surr: 4-Terphenyl-d14	106	59-115		%REC	1	5/3/04 6:44:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-09
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-02B	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES, TCLP LEACHED						Analyst: RKK
		SW1311/8270C				
Pyridine	ND	0.080		mg/L	1	5/3/04 7:10:00 PM
Cresols, Total	ND	0.040		mg/L	1	5/3/04 7:10:00 PM
1,4-Dichlorobenzene	ND	0.040		mg/L	1	5/3/04 7:10:00 PM
Hexachloroethane	ND	0.040		mg/L	1	5/3/04 7:10:00 PM
Nitrobenzene	ND	0.040		mg/L	1	5/3/04 7:10:00 PM
Hexachlorobutadiene	ND	0.040		mg/L	1	5/3/04 7:10:00 PM
2,4,6-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 7:10:00 PM
2,4,5-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 7:10:00 PM
2,4-Dinitrotoluene	ND	0.040		mg/L	1	5/3/04 7:10:00 PM
Hexachlorobenzene	ND	0.040		mg/L	1	5/3/04 7:10:00 PM
Pentachlorophenol	ND	0.080		mg/L	1	5/3/04 7:10:00 PM
Surr: 2-Fluorophenol	32.7	19-77		%REC	1	5/3/04 7:10:00 PM
Surr: Phenol-d5	24.7	14-52		%REC	1	5/3/04 7:10:00 PM
Surr: Nitrobenzene-d5	53.1	40-111		%REC	1	5/3/04 7:10:00 PM
Surr: 2-Fluorobiphenyl	52.4	42-108		%REC	1	5/3/04 7:10:00 PM
Surr: 2,4,6-Tribromophenol	62.5	52-132		%REC	1	5/3/04 7:10:00 PM
Surr: 4-Terphenyl-d14	102	59-115		%REC	1	5/3/04 7:10:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Lab Order: 0404223
Project: Seneca - SEAD 63
Lab ID: 0404223-03B

Client Sample ID: SEAD63-SLW-10
Collection Date: 4/28/04
Collection Time:
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES, TCLP LEACHED		SW1311/8270C			Analyst: RKK	
Pyridine	ND	0.080		mg/L	1	5/3/04 7:36:00 PM
Cresols, Total	ND	0.040		mg/L	1	5/3/04 7:36:00 PM
1,4-Dichlorobenzene	ND	0.040		mg/L	1	5/3/04 7:36:00 PM
Hexachloroethane	ND	0.040		mg/L	1	5/3/04 7:36:00 PM
Nitrobenzene	ND	0.040		mg/L	1	5/3/04 7:36:00 PM
Hexachlorobutadiene	ND	0.040		mg/L	1	5/3/04 7:36:00 PM
2,4,6-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 7:36:00 PM
2,4,5-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 7:36:00 PM
2,4-Dinitrotoluene	ND	0.040		mg/L	1	5/3/04 7:36:00 PM
Hexachlorobenzene	ND	0.040		mg/L	1	5/3/04 7:36:00 PM
Pentachlorophenol	ND	0.080		mg/L	1	5/3/04 7:36:00 PM
Surr: 2-Fluorophenol	36.0	19-77		%REC	1	5/3/04 7:36:00 PM
Surr: Phenol-d5	26.0	14-52		%REC	1	5/3/04 7:36:00 PM
Surr: Nitrobenzene-d5	64.9	40-111		%REC	1	5/3/04 7:36:00 PM
Surr: 2-Fluorobiphenyl	65.7	42-108		%REC	1	5/3/04 7:36:00 PM
Surr: 2,4,6-Tribromophenol	71.4	52-132		%REC	1	5/3/04 7:36:00 PM
Surr: 4-Terphenyl-d14	108	59-115		%REC	1	5/3/04 7:36:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Lab Order: 0404223
Project: Seneca - SEAD 63
Lab ID: 0404223-04B

Client Sample ID: SEAD63-SLW-11
Collection Date: 4/28/04
Collection Time:
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES, TCLP LEACHED						Analyst: RKK
		SW1311/8270C				
Pyridine	ND	0.080		mg/L	1	5/3/04 8:02:00 PM
Cresols, Total	ND	0.040		mg/L	1	5/3/04 8:02:00 PM
1,4-Dichlorobenzene	ND	0.040		mg/L	1	5/3/04 8:02:00 PM
Hexachloroethane	ND	0.040		mg/L	1	5/3/04 8:02:00 PM
Nitrobenzene	ND	0.040		mg/L	1	5/3/04 8:02:00 PM
Hexachlorobutadiene	ND	0.040		mg/L	1	5/3/04 8:02:00 PM
2,4,6-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 8:02:00 PM
2,4,5-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 8:02:00 PM
2,4-Dinitrotoluene	ND	0.040		mg/L	1	5/3/04 8:02:00 PM
Hexachlorobenzene	ND	0.040		mg/L	1	5/3/04 8:02:00 PM
Pentachlorophenol	ND	0.080		mg/L	1	5/3/04 8:02:00 PM
Surr: 2-Fluorophenol	28.5	19-77		%REC	1	5/3/04 8:02:00 PM
Surr: Phenol-d5	21.8	14-52		%REC	1	5/3/04 8:02:00 PM
Surr: Nitrobenzene-d5	52.7	40-111		%REC	1	5/3/04 8:02:00 PM
Surr: 2-Fluorobiphenyl	54.1	42-108		%REC	1	5/3/04 8:02:00 PM
Surr: 2,4,6-Tribromophenol	60.4	52-132		%REC	1	5/3/04 8:02:00 PM
Surr: 4-Terphenyl-d14	95.6	59-115		%REC	1	5/3/04 8:02:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-12
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-05B	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
SEMIVOLATILES, TCLP LEACHED						Analyst: RKK
		SW1311/8270C				
Pyridine	ND	0.080		mg/L	1	5/3/04 8:28:00 PM
Cresols, Total	ND	0.040		mg/L	1	5/3/04 8:28:00 PM
1,4-Dichlorobenzene	ND	0.040		mg/L	1	5/3/04 8:28:00 PM
Hexachloroethane	ND	0.040		mg/L	1	5/3/04 8:28:00 PM
Nitrobenzene	ND	0.040		mg/L	1	5/3/04 8:28:00 PM
Hexachlorobutadiene	ND	0.040		mg/L	1	5/3/04 8:28:00 PM
2,4,6-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 8:28:00 PM
2,4,5-Trichlorophenol	ND	0.040		mg/L	1	5/3/04 8:28:00 PM
2,4-Dinitrotoluene	ND	0.040		mg/L	1	5/3/04 8:28:00 PM
Hexachlorobenzene	ND	0.040		mg/L	1	5/3/04 8:28:00 PM
Pentachlorophenol	ND	0.080		mg/L	1	5/3/04 8:28:00 PM
Surr: 2-Fluorophenol	35.8	19-77		%REC	1	5/3/04 8:28:00 PM
Surr: Phenol-d5	26.1	14-52		%REC	1	5/3/04 8:28:00 PM
Surr: Nitrobenzene-d5	63.4	40-111		%REC	1	5/3/04 8:28:00 PM
Surr: 2-Fluorobiphenyl	59.9	42-108		%REC	1	5/3/04 8:28:00 PM
Surr: 2,4,6-Tribromophenol	68.4	52-132		%REC	1	5/3/04 8:28:00 PM
Surr: 4-Terphenyl-d14	95.0	59-115		%REC	1	5/3/04 8:28:00 PM

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Method Blank

Sample ID MB-11577 Batch ID: 11577 Test Code: SW1311/8270 Units: mg/L Analysis Date 5/3/2004 5:26:00 PM Prep Date 5/3/2004
 Client ID: Run ID: SV-4_040503A SeqNo: 387697

Analyte	QC Sample		QC Spike		Original Sample		Original Sample		%RPD	RPDLimit	Qua
	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit			
Pyridine	ND	0.080	mg/L								
Cresols, Total	ND	0.040	mg/L								
1,4-Dichlorobenzene	ND	0.040	mg/L								
Hexachloroethane	ND	0.040	mg/L								
Nitrobenzene	ND	0.040	mg/L								
Hexachlorobutadiene	ND	0.040	mg/L								
2,4,6-Trichlorophenol	ND	0.040	mg/L								
2,4,5-Trichlorophenol	ND	0.040	mg/L								
2,4-Dinitrotoluene	ND	0.040	mg/L								
Hexachlorobenzene	ND	0.040	mg/L								
Pentachlorophenol	ND	0.080	mg/L								
Surr: 2-Fluorophenol	0.0702	0.0040	mg/L	0.3	0	23.4	19	77	0		
Surr: Phenol-d5	0.05804	0.0040	mg/L	0.3	0	19.3	14	52	0		
Surr: Nitrobenzene-d5	0.09708	0.0040	mg/L	0.2	0	48.5	40	111	0		
Surr: 2-Fluorobiphenyl	0.102	0.0040	mg/L	0.2	0	51	42	108	0		
Surr: 2,4,6-Tribromophenol	0.1617	0.0040	mg/L	0.3	0	53.9	52	132	0		
Surr: 4-Terphenyl-d14	0.1964	0.0040	mg/L	0.2	0	98.2	59	115	0		

24

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Laboratory Control Spike

Sample ID LCS-11577 Batch ID: 11577 Test Code: SW1311/8270 Units: mg/L Analysis Date 5/3/2004 5:51:00 PM Prep Date 5/3/2004
 Client ID: Run ID: SV-4_040503A SeqNo: 387698

Analyte	QC Sample		Units	QC Spike			Original Sample		Original Sample			
	Result	RL		Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit	Qua
Pyridine	0.05612	0.080	mg/L	0.2	0	28.1	16	65	0			
Cresols, Total	0.2668	0.040	mg/L	0.4	0	66.7	29	103	0			
1,4-Dichlorobenzene	0.08268	0.040	mg/L	0.2	0	41.3	38	99	0			
Hexachloroethane	0.08248	0.040	mg/L	0.2	0	41.2	34	100	0			
Nitrobenzene	0.106	0.040	mg/L	0.2	0	53	44	113	0			
Hexachlorobutadiene	0.0882	0.040	mg/L	0.2	0	44.1	32	113	0			
2,4,6-Trichlorophenol	0.1142	0.040	mg/L	0.2	0	57.1	45	119	0			
2,4,5-Trichlorophenol	0.1217	0.040	mg/L	0.2	0	60.8	44	125	0			
2,4-Dinitrotoluene	0.1165	0.040	mg/L	0.2	0	58.2	49	121	0			
Hexachlorobenzene	0.09416	0.040	mg/L	0.2	0	47.1	31	127	0			
Pentachlorophenol	0.1319	0.080	mg/L	0.2	0	65.9	49	121	0			
Surr: 2-Fluorophenol	0.09412	0.0040	mg/L	0.3	0	31.4	19	77	0			
Surr: Phenol-d5	0.07028	0.0040	mg/L	0.3	0	23.4	14	52	0			
Surr: Nitrobenzene-d5	0.1098	0.0040	mg/L	0.2	0	54.9	40	111	0			
Surr: 2-Fluorobiphenyl	0.1088	0.0040	mg/L	0.2	0	54.4	42	108	0			
Surr: 2,4,6-Tribromophenol	0.1927	0.0040	mg/L	0.3	0	64.2	52	132	0			
Surr: 4-Terphenyl-d14	0.2072	0.0040	mg/L	0.2	0	104	59	115	0			

25

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Laboratory Control Spike Duplicate

Sample ID LCSD-11577 Batch ID: 11577 Test Code: SW1311/8270 Units: mg/L Analysis Date 5/3/2004 6:17:00 PM Prep Date 5/3/2004
 Client ID: Run ID: SV-4_040503A SeqNo: 387699

Analyte	QC Sample		QC Spike Original Sample				Original Sample		Original Sample			
	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit	Qua
Pyridine	0.0782	0.080	mg/L	0.2	0	39.1	16	65	0.05612	32.9	50	
Cresols, Total	0.3729	0.040	mg/L	0.4	0	93.2	29	103	0.2668	33.2	50	
1,4-Dichlorobenzene	0.1274	0.040	mg/L	0.2	0	63.7	38	99	0.08268	42.5	50	
Hexachloroethane	0.1205	0.040	mg/L	0.2	0	60.3	34	100	0.08248	37.5	50	
Nitrobenzene	0.149	0.040	mg/L	0.2	0	74.5	44	113	0.106	33.7	50	
Hexachlorobutadiene	0.1241	0.040	mg/L	0.2	0	62	32	113	0.0882	33.8	50	
2,4,6-Trichlorophenol	0.1432	0.040	mg/L	0.2	0	71.6	45	119	0.1142	22.5	50	
2,4,5-Trichlorophenol	0.1494	0.040	mg/L	0.2	0	74.7	44	125	0.1217	20.5	50	
2,4-Dinitrotoluene	0.1474	0.040	mg/L	0.2	0	73.7	49	121	0.1165	23.4	50	
Hexachlorobenzene	0.1139	0.040	mg/L	0.2	0	57	31	127	0.09416	19	50	
Pentachlorophenol	0.1543	0.080	mg/L	0.2	0	77.1	49	121	0.1319	15.7	50	
Surr: 2-Fluorophenol	0.1432	0.0040	mg/L	0.3	0	47.7	19	77	0	0	0	
Surr: Phenol-d5	0.1002	0.0040	mg/L	0.3	0	33.4	14	52	0	0	0	
Surr: Nitrobenzene-d5	0.151	0.0040	mg/L	0.2	0	75.5	40	111	0	0	0	
Surr: 2-Fluorobiphenyl	0.1396	0.0040	mg/L	0.2	0	69.8	42	108	0	0	0	
Surr: 2,4,6-Tribromophenol	0.235	0.0040	mg/L	0.3	0	78.3	52	132	0	0	0	
Surr: 4-Terphenyl-d14	0.2035	0.0040	mg/L	0.2	0	102	59	115	0	0	0	

26

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit: defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Lab Order: 0404223
Project: Seneca - SEAD 63
Lab ID: 0404223-01C

Client Sample ID: SEAD63-SLW-08
Collection Date: 4/28/04
Collection Time:
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8081 ORGANOCHLORINE PESTICIDES		SW8081A				Analyst: RAP
alpha-BHC	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
beta-BHC	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
delta-BHC	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
gamma-BHC	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
Heptachlor	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
Aldrin	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
Heptachlor epoxide	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
Endosulfan I	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
alpha-Chlordane	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
gamma-Chlordane	ND	0.92		µg/Kg-dry	1	4/30/04 8:05:00 PM
Dieldrin	ND	1.8		µg/Kg-dry	1	4/30/04 8:05:00 PM
4,4'-DDE	ND	1.8		µg/Kg-dry	1	4/30/04 8:05:00 PM
Endrin	ND	1.8		µg/Kg-dry	1	4/30/04 8:05:00 PM
Endosulfan II	ND	1.8		µg/Kg-dry	1	4/30/04 8:05:00 PM
4,4'-DDD	ND	1.8		µg/Kg-dry	1	4/30/04 8:05:00 PM
Endrin aldehyde	ND	1.8		µg/Kg-dry	1	4/30/04 8:05:00 PM
Endrin ketone	ND	1.8		µg/Kg-dry	1	4/30/04 8:05:00 PM
Endosulfan sulfate	ND	1.8		µg/Kg-dry	1	4/30/04 8:05:00 PM
4,4'-DDT	ND	1.8		µg/Kg-dry	1	4/30/04 8:05:00 PM
Methoxychlor	ND	9.2		µg/Kg-dry	1	4/30/04 8:05:00 PM
Toxaphene	ND	29		µg/Kg-dry	1	4/30/04 8:05:00 PM
Technical Chlordane	ND	29		µg/Kg-dry	1	4/30/04 8:05:00 PM
Surr: Tetrachloro-m-xylene	70.6	42-145		%REC	1	4/30/04 8:05:00 PM
Surr: Decachlorobiphenyl	108	20-150		%REC	1	4/30/04 8:05:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-09
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-02C	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8081 ORGANOCHLORINE PESTICIDES		SW8081A				Analyst: RAP
alpha-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
beta-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
delta-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
gamma-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
Heptachlor	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
Aldrin	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
Heptachlor epoxide	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
Endosulfan I	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
alpha-Chlordane	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
gamma-Chlordane	ND	0.95		µg/Kg-dry	1	4/30/04 9:31:00 PM
Dieldrin	ND	1.9		µg/Kg-dry	1	4/30/04 9:31:00 PM
4,4'-DDE	ND	1.9		µg/Kg-dry	1	4/30/04 9:31:00 PM
Endrin	ND	1.9		µg/Kg-dry	1	4/30/04 9:31:00 PM
Endosulfan II	ND	1.9		µg/Kg-dry	1	4/30/04 9:31:00 PM
4,4'-DDD	ND	1.9		µg/Kg-dry	1	4/30/04 9:31:00 PM
Endrin aldehyde	ND	1.9		µg/Kg-dry	1	4/30/04 9:31:00 PM
Endrin ketone	ND	1.9		µg/Kg-dry	1	4/30/04 9:31:00 PM
Endosulfan sulfate	ND	1.9		µg/Kg-dry	1	4/30/04 9:31:00 PM
4,4'-DDT	ND	1.9		µg/Kg-dry	1	4/30/04 9:31:00 PM
Methoxychlor	ND	9.5		µg/Kg-dry	1	4/30/04 9:31:00 PM
Toxaphene	ND	30		µg/Kg-dry	1	4/30/04 9:31:00 PM
Technical Chlordane	ND	30		µg/Kg-dry	1	4/30/04 9:31:00 PM
Surr: Tetrachloro-m-xylene	95.7	42-145		%REC	1	4/30/04 9:31:00 PM
Surr: Decachlorobiphenyl	107	20-150		%REC	1	4/30/04 9:31:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-10
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-03C	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8081 ORGANOCHLORINE PESTICIDES		SW8081A				Analyst: RAP
alpha-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
beta-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
delta-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
gamma-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
Heptachlor	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
Aldrin	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
Heptachlor epoxide	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
Endosulfan I	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
alpha-Chlordane	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
gamma-Chlordane	ND	0.95		µg/Kg-dry	1	4/30/04 9:59:00 PM
Dieldrin	ND	1.9		µg/Kg-dry	1	4/30/04 9:59:00 PM
4,4'-DDE	ND	1.9		µg/Kg-dry	1	4/30/04 9:59:00 PM
Endrin	ND	1.9		µg/Kg-dry	1	4/30/04 9:59:00 PM
Endosulfan II	ND	1.9		µg/Kg-dry	1	4/30/04 9:59:00 PM
4,4'-DDD	ND	1.9		µg/Kg-dry	1	4/30/04 9:59:00 PM
Endrin aldehyde	ND	1.9		µg/Kg-dry	1	4/30/04 9:59:00 PM
Endrin ketone	ND	1.9		µg/Kg-dry	1	4/30/04 9:59:00 PM
Endosulfan sulfate	ND	1.9		µg/Kg-dry	1	4/30/04 9:59:00 PM
4,4'-DDT	ND	1.9		µg/Kg-dry	1	4/30/04 9:59:00 PM
Methoxychlor	ND	9.5		µg/Kg-dry	1	4/30/04 9:59:00 PM
Toxaphene	ND	30		µg/Kg-dry	1	4/30/04 9:59:00 PM
Technical Chlordane	ND	30		µg/Kg-dry	1	4/30/04 9:59:00 PM
Surr: Tetrachloro-m-xylene	98.1	42-145		%REC	1	4/30/04 9:59:00 PM
Surr: Decachlorobiphenyl	108	20-150		%REC	1	4/30/04 9:59:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Lab Order: 0404223
Project: Seneca - SEAD 63
Lab ID: 0404223-04C

Client Sample ID: SEAD63-SLW-11
Collection Date: 4/28/04
Collection Time:
Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8081 ORGANOCHLORINE PESTICIDES		SW8081A		Analyst: RAP		
alpha-BHC	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
beta-BHC	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
delta-BHC	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
gamma-BHC	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
Heptachlor	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
Aldrin	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
Heptachlor epoxide	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
Endosulfan I	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
alpha-Chlordane	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
gamma-Chlordane	ND	0.94		µg/Kg-dry	1	4/30/04 10:28:00 PM
Dieldrin	ND	1.9		µg/Kg-dry	1	4/30/04 10:28:00 PM
4,4'-DDE	ND	1.9		µg/Kg-dry	1	4/30/04 10:28:00 PM
Endrin	ND	1.9		µg/Kg-dry	1	4/30/04 10:28:00 PM
Endosulfan II	ND	1.9		µg/Kg-dry	1	4/30/04 10:28:00 PM
4,4'-DDD	ND	1.9		µg/Kg-dry	1	4/30/04 10:28:00 PM
Endrin aldehyde	ND	1.9		µg/Kg-dry	1	4/30/04 10:28:00 PM
Endrin ketone	ND	1.9		µg/Kg-dry	1	4/30/04 10:28:00 PM
Endosulfan sulfate	ND	1.9		µg/Kg-dry	1	4/30/04 10:28:00 PM
4,4'-DDT	ND	1.9		µg/Kg-dry	1	4/30/04 10:28:00 PM
Methoxychlor	ND	9.4		µg/Kg-dry	1	4/30/04 10:28:00 PM
Toxaphene	ND	30		µg/Kg-dry	1	4/30/04 10:28:00 PM
Technical Chlordane	ND	30		µg/Kg-dry	1	4/30/04 10:28:00 PM
Surr: Tetrachloro-m-xylene	110	42-145		%REC	1	4/30/04 10:28:00 PM
Surr: Decachlorobiphenyl	111	20-150		%REC	1	4/30/04 10:28:00 PM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT:	PLEXUS Scientific	Client Sample ID:	SEAD63-SLW-12
Lab Order:	0404223	Collection Date:	4/28/04
Project:	Seneca - SEAD 63	Collection Time:	
Lab ID:	0404223-05C	Matrix:	SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
EPA 8081 ORGANOCHLORINE PESTICIDES		SW8081A		Analyst: RAP		
alpha-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
beta-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
delta-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
gamma-BHC	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
Heptachlor	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
Aldrin	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
Heptachlor epoxide	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
Endosulfan I	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
alpha-Chlordane	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
gamma-Chlordane	ND	0.95		µg/Kg-dry	1	4/30/04 10:57:00 PM
Dieldrin	ND	1.9		µg/Kg-dry	1	4/30/04 10:57:00 PM
4,4'-DDE	ND	1.9		µg/Kg-dry	1	4/30/04 10:57:00 PM
Endrin	ND	1.9		µg/Kg-dry	1	4/30/04 10:57:00 PM
Endosulfan II	ND	1.9		µg/Kg-dry	1	4/30/04 10:57:00 PM
4,4'-DDD	ND	1.9		µg/Kg-dry	1	4/30/04 10:57:00 PM
Endrin aldehyde	ND	1.9		µg/Kg-dry	1	4/30/04 10:57:00 PM
Endrin ketone	ND	1.9		µg/Kg-dry	1	4/30/04 10:57:00 PM
Endosulfan sulfate	ND	1.9		µg/Kg-dry	1	4/30/04 10:57:00 PM
4,4'-DDT	ND	1.9		µg/Kg-dry	1	4/30/04 10:57:00 PM
Methoxychlor	ND	9.5		µg/Kg-dry	1	4/30/04 10:57:00 PM
Toxaphene	ND	30		µg/Kg-dry	1	4/30/04 10:57:00 PM
Technical Chlordane	ND	30		µg/Kg-dry	1	4/30/04 10:57:00 PM
Surr: Tetrachloro-m-xylene	105	42-145		%REC	1	4/30/04 10:57:00 PM
Surr: Decachlorobiphenyl	112	20-150		%REC	1	4/30/04 10:57:00 PM

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Method Blank

Sample ID MB-11559 Batch ID: 11559 Test Code: SW8081A Units: µg/Kg Analysis Date 4/30/2004 7:08:00 PM Prep Date 4/29/2004
 Client ID: Run ID: GC-TRENT_040430A SeqNo: 387537

Analyte	QC Sample		Units	QC Spike Original Sample				Original Sample		%RPD	RPDLimit	Qua
	Result	RL		Amount	Result	%REC	LowLimit	HighLimit	or MS Result			
alpha-BHC	ND	0.80	µg/Kg									
beta-BHC	ND	0.80	µg/Kg									
delta-BHC	ND	0.80	µg/Kg									
gamma-BHC	ND	0.80	µg/Kg									
Heptachlor	ND	0.80	µg/Kg									
Aldrin	ND	0.80	µg/Kg									
Heptachlor epoxide	ND	0.80	µg/Kg									
Endosulfan I	ND	0.80	µg/Kg									
alpha-Chlordane	ND	0.80	µg/Kg									
gamma-Chlordane	ND	0.80	µg/Kg									
Dieldrin	ND	1.6	µg/Kg									
4,4'-DDE	ND	1.6	µg/Kg									
Endrin	ND	1.6	µg/Kg									
Endosulfan II	ND	1.6	µg/Kg									
4,4'-DDD	ND	1.6	µg/Kg									
Endrin aldehyde	ND	1.6	µg/Kg									
Endrin ketone	ND	1.6	µg/Kg									
Endosulfan sulfate	ND	1.6	µg/Kg									
4,4'-DDT	ND	1.6	µg/Kg									
Methoxychlor	ND	8.0	µg/Kg									
Toxaphene	ND	25	µg/Kg									
Technical Chlordane	ND	25	µg/Kg									
Surr: Tetrachloro-m-xylene	9.207	0	µg/Kg	8	0	115	42	147	0			
Surr: Decachlorobiphenyl	10.04	0	µg/Kg	8	0	126	21	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Matrix Spike - Full List

Sample ID 0404223-01CMS Batch ID: 11559 Test Code: SW8081A Units: µg/Kg-dry Analysis Date 4/30/2004 8:34:00 PM Prep Date 4/29/2004
 Client ID: SEAD63-SLW-08 Run ID: GC-TRENT_040430A SeqNo: 387556

Analyte	QC Sample		QC Spike			Original Sample		Original Sample		%RPD	RPDLimit	Qua
	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	or MS Result			
alpha-BHC	4.138	0.93	µg/Kg-dry	11.68	0	35.4	43	150	0			S
beta-BHC	10.21	0.93	µg/Kg-dry	11.68	0	87.4	42	146	0			
delta-BHC	8.839	0.93	µg/Kg-dry	11.68	0	75.7	10	150	0			
gamma-BHC	6.095	0.93	µg/Kg-dry	11.68	0	52.2	47	150	0			
Heptachlor	5.251	0.93	µg/Kg-dry	11.68	0	44.9	26	146	0			
Aldrin	5.346	0.93	µg/Kg-dry	11.68	0	45.8	47	135	0			S
Heptachlor epoxide	7.454	0.93	µg/Kg-dry	11.68	0	63.8	46	137	0			
Endosulfan I	7.653	0.93	µg/Kg-dry	11.68	0	65.5	43	137	0			
alpha-Chlordane	8.168	0.93	µg/Kg-dry	11.68	0	69.9	33	137	0			
gamma-Chlordane	7.774	0.93	µg/Kg-dry	11.68	0	66.5	33	129	0			
Dieldrin	9.138	1.9	µg/Kg-dry	11.68	0	78.2	39	148	0			
4,4'-DDE	9.432	1.9	µg/Kg-dry	11.68	0	80.7	31	150	0			
Endrin	11.8	1.9	µg/Kg-dry	11.68	0	101	27	150	0			
Endosulfan II	10.85	1.9	µg/Kg-dry	11.68	0	92.9	44	139	0			
4,4'-DDD	11.61	1.9	µg/Kg-dry	11.68	0	99.3	42	150	0			
Endrin aldehyde	8.597	1.9	µg/Kg-dry	11.68	0	73.6	27	140	0			
Endrin ketone	14.45	1.9	µg/Kg-dry	11.68	0	124	27	150	0			
Endosulfan sulfate	12.24	1.9	µg/Kg-dry	11.68	0	105	42	143	0			
4,4'-DDT	10.27	1.9	µg/Kg-dry	11.68	0	87.9	10	150	0			
Methoxychlor	12.57	9.3	µg/Kg-dry	11.68	0	108	21	150	0			
Surr: Tetrachloro-m-xylene	3.007	0	µg/Kg-dry	9.347	0	32.2	42	145	0			S
Surr: Decachlorobiphenyl	10.78	0	µg/Kg-dry	9.347	0	115	20	150	0			

33

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Matrix Spike Duplicate - Full List

Sample ID 0404223-01CMSD Batch ID: 11559 Test Code: SW8081A Units: µg/Kg-dry Analysis Date 4/30/2004 9:02:00 PM Prep Date 4/29/2004
 Client ID: SEAD63-SLW-08 Run ID: GC-TRENT_040430A SeqNo: 387557

Analyte	QC Sample			QC Spike			Original Sample			Original Sample			Qua
	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit		
alpha-BHC	12.63	0.94	µg/Kg-dry	11.74	0	108	43	150	4.138	101	50	R	
beta-BHC	11.21	0.94	µg/Kg-dry	11.74	0	95.5	42	146	10.21	9.27	50		
delta-BHC	13.31	0.94	µg/Kg-dry	11.74	0	113	10	150	8.839	40.4	50		
gamma-BHC	13.11	0.94	µg/Kg-dry	11.74	0	112	47	150	6.095	73.1	50	R	
Heptachlor	12.52	0.94	µg/Kg-dry	11.74	0	107	26	146	5.251	81.8	50	R	
Aldrin	12.75	0.94	µg/Kg-dry	11.74	0	109	47	135	5.346	81.8	50	R	
Heptachlor epoxide	12.44	0.94	µg/Kg-dry	11.74	0	106	46	137	7.454	50.1	50	R	
Endosulfan I	12.63	0.94	µg/Kg-dry	11.74	0	108	43	137	7.653	49.1	50		
alpha-Chlordane	12.13	0.94	µg/Kg-dry	11.74	0	103	33	137	8.168	39	50		
gamma-Chlordane	11.6	0.94	µg/Kg-dry	11.74	0	98.9	33	129	7.774	39.5	50		
Dieldrin	13.49	1.9	µg/Kg-dry	11.74	0	115	39	148	9.138	38.5	50		
4,4'-DDE	12.82	1.9	µg/Kg-dry	11.74	0	109	31	150	9.432	30.4	50		
Endrin	12.44	1.9	µg/Kg-dry	11.74	0	106	27	150	11.8	5.29	50		
Endosulfan II	12.95	1.9	µg/Kg-dry	11.74	0	110	44	139	10.85	17.6	50		
4,4'-DDD	12.64	1.9	µg/Kg-dry	11.74	0	108	42	150	11.61	8.55	50		
Endrin aldehyde	11.54	1.9	µg/Kg-dry	11.74	0	98.3	27	140	8.597	29.2	50		
Endrin ketone	11.59	1.9	µg/Kg-dry	11.74	0	98.8	27	150	14.45	22	50		
Endosulfan sulfate	12.76	1.9	µg/Kg-dry	11.74	0	109	42	143	12.24	4.23	50		
4,4'-DDT	12.22	1.9	µg/Kg-dry	11.74	0	104	10	150	10.27	17.4	50		
Methoxychlor	12.84	9.4	µg/Kg-dry	11.74	0	109	21	150	12.57	2.13	50		
Surr: Tetrachloro-m-xylene	10.67	0	µg/Kg-dry	9.389	0	114	42	145	0	0	0		
Surr: Decachlorobiphenyl	11.41	0	µg/Kg-dry	9.389	0	122	20	150	0	0	0		

34

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Laboratory Control Spike - Full List

Sample ID LCSF-11559 Batch ID: 11559 Test Code: SW8081A Units: µg/Kg Analysis Date 4/30/2004 7:36:00 PM Prep Date 4/29/2004
 Client ID: Run ID: GC-TRENT_040430A SeqNo: 387554

Analyte	QC Sample	RL	Units	QC Spike			Original Sample			%RPD	RPDLimit	Qua
	Result			Amount	Result	%REC	LowLimit	HighLimit	or MS Result			
alpha-BHC	9.946	0.80	µg/Kg	10	0	99.5	56	150	0			
beta-BHC	11.46	0.80	µg/Kg	10	0	115	51	150	0			
delta-BHC	9.858	0.80	µg/Kg	10	0	98.6	26	150	0			
gamma-BHC	17.35	0.80	µg/Kg	10	0	174	49	150	0		S	
Heptachlor	11.9	0.80	µg/Kg	10	0	119	48	147	0			
Aldrin	11.68	0.80	µg/Kg	10	0	117	52	150	0			
Heptachlor epoxide	11.87	0.80	µg/Kg	10	0	119	52	141	0			
Endosulfan I	12.18	0.80	µg/Kg	10	0	122	51	141	0			
alpha-Chlordane	12.42	0.80	µg/Kg	10	0	124	50	140	0			
gamma-Chlordane	11.84	0.80	µg/Kg	10	0	118	47	132	0			
Dieldrin	12.5	1.6	µg/Kg	10	0	125	55	144	0			
4,4'-DDE	12.61	1.6	µg/Kg	10	0	126	56	142	0			
Endrin	9.302	1.6	µg/Kg	10	0	93	54	150	0			
Endosulfan II	10.31	1.6	µg/Kg	10	0	103	55	141	0			
4,4'-DDD	9.392	1.6	µg/Kg	10	0	93.9	50	140	0			
Endrin aldehyde	12.4	1.6	µg/Kg	10	0	124	41	138	0			
Endrin ketone	15.62	1.6	µg/Kg	10	0	156	57	150	0		S	
Endosulfan sulfate	11.47	1.6	µg/Kg	10	0	115	54	150	0			
4,4'-DDT	11.82	1.6	µg/Kg	10	0	118	54	150	0			
Methoxychlor	10.37	8.0	µg/Kg	10	0	104	47	150	0			
Surr: Tetrachloro-m-xylene	8.888	0	µg/Kg	8	0	111	42	147	0			
Surr: Decachlorobiphenyl	10.12	0	µg/Kg	8	0	127	20	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CONTINUING CALIBRATION SUMMARY

Analysis Date: 30 Apr 2004

Analyst: rap

Instrument ID: TRENT

COLUMN ID: **FRONT**
CLP Pesticide 1; 0.32mm

BACK
CLP Pesticide 2; 0.32mm

BREAKDOWN:

	Front		Back
DDT	1.3	DDT	1.0
ENDRIN	8.8	ENDRIN	1.2

Initial CCV: P21

Terminal CCV: P22

INDA

	Front	Back	RPD	Front	Back	RPD
TCX	3.5	-7.8	11.6	9.3	0.2	8.7
ALPHA-BHC	8.3	-0.3	8.3	9.1	-5.0	13.9
GAMMA-BHC	17.4	-0.3	16.3	10.6	-7.6	17.9
HEPTACHLOR	19.1	9.7	8.2	8.4	5.6	2.6
ENDOSULFAN I	13.9	5.6	7.5	-1.5	-8.1	6.9
DIELDRIN	10.7	1.9	8.2	3.2	-1.6	4.7
ENDRIN	0.8	5.0	4.1	-2.6	-2.9	0.3
DDD	4.7	3.5	1.1	1.8	-6.4	8.3
DDT	2.6	3.0	0.4	-12.0	-5.8	6.8
METHOXYCHLOR	21.6	19.4	1.9	4.6	9.2	4.3
OCB	13.2	2.3	10.1	2.7	-0.3	3.0

INDB

	Front	Back	RPD	Front	Back	RPD
TCX	2.2	3.1	0.9	9.3	0.3	8.6
HEXACHLOROBENZENE	11.6	3.6	7.5	10.3	2.5	7.4
ALDRIN	10.3	1.0	8.9	6.7	1.6	4.9
BETA-BHC	6.2	-0.7	6.7	5.6	1.1	4.3
DELTA-BHC	1.3	0.2	1.1	5.3	6.7	1.4
HEPTACHLOR EPOXIDE	7.8	10.4	2.4	5.4	18.1	11.4
GAMMA-CHLORDANE	9.2	5.6	3.3	4.2	0.8	3.3
ALPHA-CHLORDANE	3.7	0.9	2.8	5.0	0.6	4.2
DDE	5.1	1.3	3.7	3.4	1.2	2.2
ENDOSULFAN II	10.6	4.4	5.7	7.4	0.9	6.3
ENDRIN ALDEHYDE	9.3	-0.7	9.5	17.5	10.1	6.6
ENDOSULFAN SULFATE	12.1	10.6	1.3	11.7	6.7	4.6
ENDRIN KETONE	13.2	21.6	7.2	22.7	27.4	3.8
OCB	9.8	0.2	9.2	4.8	-1.2	5.9

Avg. %Drift for All Analytes (2):

<u>9.1</u>	<u>4.9</u>	<u>7.4</u>	<u>5.3</u>
------------	------------	------------	------------

Data Files	
PEM:	C:\HPCHEM1\DATA\04APR30\T30APR03.D
1st INDA:	C:\HPCHEM1\DATA\04APR30\T30APR01.D
1st INDB:	C:\HPCHEM1\DATA\04APR30\T30APR02.D
2nd INDA:	C:\HPCHEM1\DATA\04APR30\T30APR13.D
2nd INDB:	C:\HPCHEM1\DATA\04APR30\T30APR14.D

Notes:

1. 4,4' DDT and Endrin maximum degradation = 15%
2. Avg %Drift maximum = 15%
3. RPD maximum = 40%

AMRO Environmental Laboratories Corp.

Date: 06-May-04

CLIENT: PLEXUS Scientific
 Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-01

Collection Date: 4/28/2004

Collection Time:

Client Sample ID: SEAD63-SLW-08

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

PCBS BY EPA8082

SW8082

Analyst: RAP

Aroclor 1016	ND	29		µg/Kg-dry	1	4/30/2004 6:15:00 PM
Aroclor 1221	ND	29		µg/Kg-dry	1	4/30/2004 6:15:00 PM
Aroclor 1232	ND	29		µg/Kg-dry	1	4/30/2004 6:15:00 PM
Aroclor 1242	ND	29		µg/Kg-dry	1	4/30/2004 6:15:00 PM
Aroclor 1248	ND	29		µg/Kg-dry	1	4/30/2004 6:15:00 PM
Aroclor 1254	ND	29		µg/Kg-dry	1	4/30/2004 6:15:00 PM
Aroclor 1260	ND	29		µg/Kg-dry	1	4/30/2004 6:15:00 PM
Surr: Tetrachloro-m-xylene	55.0	35-134		%REC	1	4/30/2004 6:15:00 PM
Surr: Decachlorobiphenyl	83.3	24-135		%REC	1	4/30/2004 6:15:00 PM

Lab ID: 0404223-02

Collection Date: 4/28/2004

Collection Time:

Client Sample ID: SEAD63-SLW-09

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

PCBS BY EPA8082

SW8082

Analyst: RAP

Aroclor 1016	ND	30		µg/Kg-dry	1	4/30/2004 6:42:00 PM
Aroclor 1221	ND	30		µg/Kg-dry	1	4/30/2004 6:42:00 PM
Aroclor 1232	ND	30		µg/Kg-dry	1	4/30/2004 6:42:00 PM
Aroclor 1242	ND	30		µg/Kg-dry	1	4/30/2004 6:42:00 PM
Aroclor 1248	ND	30		µg/Kg-dry	1	4/30/2004 6:42:00 PM
Aroclor 1254	ND	30		µg/Kg-dry	1	4/30/2004 6:42:00 PM
Aroclor 1260	ND	30		µg/Kg-dry	1	4/30/2004 6:42:00 PM
Surr: Tetrachloro-m-xylene	92.8	35-134		%REC	1	4/30/2004 6:42:00 PM
Surr: Decachlorobiphenyl	87.7	24-135		%REC	1	4/30/2004 6:42:00 PM

AMRO Environmental Laboratories Corp.

Date: 06-May-04

CLIENT: PLEXUS Scientific
 Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-03

Collection Date: 4/28/2004

Collection Time:

Client Sample ID: SEAD63-SLW-10

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PCBS BY EPA8082		SW8082		Analyst: RAP		
Aroclor 1016	ND	30		µg/Kg-dry	1	4/30/2004 8:04:00 PM
Aroclor 1221	ND	30		µg/Kg-dry	1	4/30/2004 8:04:00 PM
Aroclor 1232	ND	30		µg/Kg-dry	1	4/30/2004 8:04:00 PM
Aroclor 1242	ND	30		µg/Kg-dry	1	4/30/2004 8:04:00 PM
Aroclor 1248	ND	30		µg/Kg-dry	1	4/30/2004 8:04:00 PM
Aroclor 1254	ND	30		µg/Kg-dry	1	4/30/2004 8:04:00 PM
Aroclor 1260	ND	30		µg/Kg-dry	1	4/30/2004 8:04:00 PM
Surr: Tetrachloro-m-xylene	86.2	35-134		%REC	1	4/30/2004 8:04:00 PM
Surr: Decachlorobiphenyl	89.1	24-135		%REC	1	4/30/2004 8:04:00 PM

Lab ID: 0404223-04

Collection Date: 4/28/2004

Collection Time:

Client Sample ID: SEAD63-SLW-11

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
PCBS BY EPA8082		SW8082		Analyst: RAP		
Aroclor 1016	ND	30		µg/Kg-dry	1	4/30/2004 8:31:00 PM
Aroclor 1221	ND	30		µg/Kg-dry	1	4/30/2004 8:31:00 PM
Aroclor 1232	ND	30		µg/Kg-dry	1	4/30/2004 8:31:00 PM
Aroclor 1242	ND	30		µg/Kg-dry	1	4/30/2004 8:31:00 PM
Aroclor 1248	ND	30		µg/Kg-dry	1	4/30/2004 8:31:00 PM
Aroclor 1254	ND	30		µg/Kg-dry	1	4/30/2004 8:31:00 PM
Aroclor 1260	ND	30		µg/Kg-dry	1	4/30/2004 8:31:00 PM
Surr: Tetrachloro-m-xylene	94.2	35-134		%REC	1	4/30/2004 8:31:00 PM
Surr: Decachlorobiphenyl	91.0	24-135		%REC	1	4/30/2004 8:31:00 PM

AMRO Environmental Laboratories Corp.

Date: 06-May-04

CLIENT: PLEXUS Scientific
 Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-05

Collection Date: 4/28/2004

Collection Time:

Client Sample ID: SEAD63-SLW-12

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
----------	--------	----	------	-------	----	---------------

PCBS BY EPA8082

SW8082

Analyst: RAP

Aroclor 1016	ND	30		µg/Kg-dry	1	4/30/2004 8:58:00 PM
Aroclor 1221	ND	30		µg/Kg-dry	1	4/30/2004 8:58:00 PM
Aroclor 1232	ND	30		µg/Kg-dry	1	4/30/2004 8:58:00 PM
Aroclor 1242	ND	30		µg/Kg-dry	1	4/30/2004 8:58:00 PM
Aroclor 1248	ND	30		µg/Kg-dry	1	4/30/2004 8:58:00 PM
Aroclor 1254	ND	30		µg/Kg-dry	1	4/30/2004 8:58:00 PM
Aroclor 1260	ND	30		µg/Kg-dry	1	4/30/2004 8:58:00 PM
Surr: Tetrachloro-m-xylene	95.2	35-134		%REC	1	4/30/2004 8:58:00 PM
Surr: Decachlorobiphenyl	92.1	24-135		%REC	1	4/30/2004 8:58:00 PM

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Method Blank

Sample ID **MB-11558** Batch ID: **11558** Test Code: **SW8082** Units: **µg/Kg** Analysis Date **4/30/2004 4:26:00 PM** Prep Date **4/29/2004**
 Client ID: Run ID: **GC-ELVIS_040430A** SeqNo: **387487**

Analyte	QC Sample	RL	Units	QC Spike	Original Sample			Original Sample		%RPD	RPDLimit	Qua
	Result			Amount	Result	%REC	LowLimit	HighLimit	or MS Result			
Aroclor 1016	ND	25	µg/Kg									
Aroclor 1221	ND	25	µg/Kg									
Aroclor 1232	ND	25	µg/Kg									
Aroclor 1242	ND	25	µg/Kg									
Aroclor 1248	ND	25	µg/Kg									
Aroclor 1254	ND	25	µg/Kg									
Aroclor 1260	ND	25	µg/Kg									
Surr: Tetrachloro-m-xylene	8.22	0	µg/Kg	8	0	103	35	134	0			
Surr: Decachlorobiphenyl	8.434	0	µg/Kg	8	0	105	24	135	0			

40

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT

Sample Matrix Spike

Sample ID 0404223-02CMS Batch ID: 11558 Test Code: SW8082 Units: µg/Kg-dry Analysis Date 4/30/2004 7:09:00 PM Prep Date 4/29/2004
 Client ID: SEAD63-SLW-09 Run ID: GC-ELVIS_040430A SeqNo: 387493

Analyte	QC Sample	RL	Units	QC Spike	Original Sample		LowLimit	HighLimit	Original Sample	%RPD	RPDLimit	Qua
	Result			Amount	Result	%REC			or MS Result			
Aroclor 1016	577.1	29	µg/Kg-dry	585.3	0	98.6	35	144	0			
Aroclor 1260	571.9	29	µg/Kg-dry	585.3	0	97.7	25	144	0			
Surr: Tetrachloro-m-xylene	10.28	0	µg/Kg-dry	9.365	0	110	35	134	0			
Surr: Decachlorobiphenyl	8.527	0	µg/Kg-dry	9.365	0	91	24	135	0			

Sample ID 0404223-02CMSD Batch ID: 11558 Test Code: SW8082 Units: µg/Kg-dry Analysis Date 4/30/2004 7:37:00 PM Prep Date 4/29/2004
 Client ID: SEAD63-SLW-09 Run ID: GC-ELVIS_040430A SeqNo: 387494

Analyte	QC Sample	RL	Units	QC Spike	Original Sample		LowLimit	HighLimit	Original Sample	%RPD	RPDLimit	Qua
	Result			Amount	Result	%REC			or MS Result			
Aroclor 1016	570.1	30	µg/Kg-dry	590.8	0	96.5	35	144	577.1	1.22	50	
Aroclor 1260	563.4	30	µg/Kg-dry	590.8	0	95.4	25	144	571.9	1.49	50	
Surr: Tetrachloro-m-xylene	9.62	0	µg/Kg-dry	9.453	0	102	35	134	0	0	0	
Surr: Decachlorobiphenyl	8.317	0	µg/Kg-dry	9.453	0	88	24	135	0	0	0	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: 06-May-04

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Laboratory Control Spike

Sample ID LCS-11558 Batch ID: 11558 Test Code: SW8082 Units: µg/Kg Analysis Date 4/30/2004 4:54:00 PM Prep Date 4/29/2004
 Client ID: Run ID: GC-ELVIS_040430A SeqNo: 387488

Analyte	QC Sample	RL	Units	QC Spike	Original Sample		LowLimit	HighLimit	Original Sample		RPDLimit	Qua
	Result			Amount	Result	%REC			or MS Result	%RPD		
Aroclor 1016	503.3	25	µg/Kg	500	0	101	48	139		0		
Aroclor 1260	555.3	25	µg/Kg	500	0	111	46	140		0		
Surr: Tetrachloro-m-xylene	7.828	0	µg/Kg	8	0	97.8	35	134		0		
Surr: Decachlorobiphenyl	8.369	0	µg/Kg	8	0	105	24	135		0		

42

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-01

Collection Date: 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-08

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
IGNITABILITY		SW1010				Analyst: RK
Ignitability	>200	0		°F	1	4/30/04
PAINT FILTER TEST, FREE LIQUID		SW9095				Analyst: RK
Free Liquid	No free liquids	0			1	4/29/04
CYANIDE, REACTIVE		SW7.3.3.2				Analyst: GM
Reactive Cyanide	ND	24		mg/Kg-dry	1	5/4/04
SULFIDE, REACTIVE		SW7.3.4.2				Analyst: GM
Reactive Sulfide	ND	120		mg/Kg-dry	1	5/3/04
PH/CORROSIVITY		SW9045C				Analyst: RK
pH	7.1	0		pH Units	1	4/30/04

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-02

Collection Date: 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-09

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
IGNITABILITY		SW1010				Analyst: RK
Ignitability	>200	0		°F	1	4/30/04
PAINT FILTER TEST, FREE LIQUID		SW9095				Analyst: RK
Free Liquid	No free liquids	0			1	4/29/04
CYANIDE, REACTIVE		SW7.3.3.2				Analyst: GM
Reactive Cyanide	ND	25		mg/Kg-dry	1	5/4/04
SULFIDE, REACTIVE		SW7.3.4.2				Analyst: GM
Reactive Sulfide	ND	120		mg/Kg-dry	1	5/3/04
PH/CORROSIVITY		SW9045C				Analyst: RK
pH	7.1	0		pH Units	1	4/30/04

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-03

Collection Date: 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-10

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
IGNITABILITY		SW1010				Analyst: RK
Ignitability	>200	0		°F	1	4/30/04
PAINT FILTER TEST, FREE LIQUID		SW9095				Analyst: RK
Free Liquid	No free liquids	0			1	4/29/04
CYANIDE, REACTIVE		SW7.3.3.2				Analyst: GM
Reactive Cyanide	ND	23		mg/Kg-dry	1	5/4/04
SULFIDE, REACTIVE		SW7.3.4.2				Analyst: GM
Reactive Sulfide	ND	120		mg/Kg-dry	1	5/3/04
PH/CORROSIVITY		SW9045C				Analyst: RK
pH	7.0	0		pH Units	1	4/30/04

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-04

Collection Date: 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-11

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
IGNITABILITY		SW1010				Analyst: RK
Ignitability	>200	0		°F	1	4/30/04
PAINT FILTER TEST, FREE LIQUID		SW9095				Analyst: RK
Free Liquid	No free liquids	0			1	4/29/04
CYANIDE, REACTIVE		SW7.3.3.2				Analyst: GM
Reactive Cyanide	ND	25		mg/Kg-dry	1	5/4/04
SULFIDE, REACTIVE		SW7.3.4.2				Analyst: GM
Reactive Sulfide	ND	130		mg/Kg-dry	1	5/3/04
PH/CORROSIVITY		SW9045C				Analyst: RK
pH	7.1	0		pH Units	1	4/30/04

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific **Lab Order:** 0404223
Project: Seneca - SEAD 63

Lab ID: 0404223-05 **Collection Date:** 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-12 **Matrix:** SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
IGNITABILITY		SW1010				Analyst: RK
Ignitability	>200	0		°F	1	4/30/04
PAINT FILTER TEST, FREE LIQUID		SW9095				Analyst: RK
Free Liquid	No free liquids	0			1	4/29/04
CYANIDE, REACTIVE		SW7.3.3.2				Analyst: GM
Reactive Cyanide	ND	24		mg/Kg-dry	1	5/4/04
SULFIDE, REACTIVE		SW7.3.4.2				Analyst: GM
Reactive Sulfide	ND	120		mg/Kg-dry	1	5/3/04
PH/CORROSIVITY		SW9045C				Analyst: RK
pH	7.1	0		pH Units	1	4/30/04

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-01

Collection Date: 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-08

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MERCURY, TCLP		SW7470			Analyst: RK	
Mercury	ND	0.0010		mg/L	1	5/3/04 1:35:40 PM
PERCENT MOISTURE		D2216			Analyst: KM	
Percent Moisture	15.3	0		wt%	1	4/29/04
ICP METALS, TCLP LEACHED		SW1311/6010B			Analyst: RK	
Arsenic	ND	1.0		mg/L	1	5/3/04 10:23:04 AM
Barium	1.2	2.0	J	mg/L	1	5/3/04 10:23:04 AM
Cadmium	ND	0.10		mg/L	1	5/3/04 10:23:04 AM
Chromium	ND	0.10		mg/L	1	5/3/04 10:23:04 AM
Lead	ND	1.0		mg/L	1	5/3/04 10:23:04 AM
Selenium	ND	0.58		mg/L	1	5/3/04 10:23:04 AM
Silver	ND	0.10		mg/L	1	5/3/04 10:23:04 AM

Lab ID: 0404223-02

Collection Date: 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-09

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MERCURY, TCLP		SW7470			Analyst: RK	
Mercury	ND	0.0010		mg/L	1	5/3/04 1:39:38 PM
PERCENT MOISTURE		D2216			Analyst: KM	
Percent Moisture	16.5	0		wt%	1	4/29/04
ICP METALS, TCLP LEACHED		SW1311/6010B			Analyst: RK	
Arsenic	ND	1.0		mg/L	1	5/3/04 10:42:04 AM
Barium	1.1	2.0	J	mg/L	1	5/3/04 10:42:04 AM
Cadmium	ND	0.10		mg/L	1	5/3/04 10:42:04 AM
Chromium	ND	0.10		mg/L	1	5/3/04 10:42:04 AM
Lead	ND	1.0		mg/L	1	5/3/04 10:42:04 AM
Selenium	ND	0.58		mg/L	1	5/3/04 10:42:04 AM
Silver	ND	0.10		mg/L	1	5/3/04 10:42:04 AM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-03

Collection Date: 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-10

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MERCURY, TCLP		SW7470				Analyst: RK
Mercury	ND	0.0010		mg/L	1	5/3/04 1:43:36 PM
PERCENT MOISTURE		D2216				Analyst: KM
Percent Moisture	15.7	0		wt%	1	4/29/04
ICP METALS, TCLP LEACHED		SW1311/6010B				Analyst: RK
Arsenic	ND	1.0		mg/L	1	5/3/04 10:45:52 AM
Barium	1.2	2.0	J	mg/L	1	5/3/04 10:45:52 AM
Cadmium	ND	0.10		mg/L	1	5/3/04 10:45:52 AM
Chromium	ND	0.10		mg/L	1	5/3/04 10:45:52 AM
Lead	ND	1.0		mg/L	1	5/3/04 10:45:52 AM
Selenium	ND	0.58		mg/L	1	5/3/04 10:45:52 AM
Silver	ND	0.10		mg/L	1	5/3/04 10:45:52 AM

Lab ID: 0404223-04

Collection Date: 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-11

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MERCURY, TCLP		SW7470				Analyst: RK
Mercury	ND	0.0010		mg/L	1	5/3/04 1:55:35 PM
PERCENT MOISTURE		D2216				Analyst: KM
Percent Moisture	17.5	0		wt%	1	4/29/04
ICP METALS, TCLP LEACHED		SW1311/6010B				Analyst: RK
Arsenic	ND	1.0		mg/L	1	5/3/04 10:57:11 AM
Barium	1.1	2.0	J	mg/L	1	5/3/04 10:57:11 AM
Cadmium	ND	0.10		mg/L	1	5/3/04 10:57:11 AM
Chromium	ND	0.10		mg/L	1	5/3/04 10:57:11 AM
Lead	ND	1.0		mg/L	1	5/3/04 10:57:11 AM
Selenium	ND	0.58		mg/L	1	5/3/04 10:57:11 AM
Silver	ND	0.10		mg/L	1	5/3/04 10:57:11 AM

AMRO Environmental Laboratories Corp.

Date: 05-May-04

CLIENT: PLEXUS Scientific
Project: Seneca - SEAD 63

Lab Order: 0404223

Lab ID: 0404223-05

Collection Date: 4/28/04

Collection Time:

Client Sample ID: SEAD63-SLW-12

Matrix: SOIL

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
MERCURY, TCLP		SW7470			Analyst: RK	
Mercury	ND	0.0010		mg/L	1	5/3/04 1:15:56 PM
PERCENT MOISTURE		D2216			Analyst: KM	
Percent Moisture	16.1	0		wt%	1	4/29/04
ICP METALS, TCLP LEACHED		SW1311/6010B			Analyst: RK	
Arsenic	ND	1.0		mg/L	1	5/3/04 11:00:59 AM
Barium	ND	2.0		mg/L	1	5/3/04 11:00:59 AM
Cadmium	ND	0.10		mg/L	1	5/3/04 11:00:59 AM
Chromium	ND	0.10		mg/L	1	5/3/04 11:00:59 AM
Lead	ND	1.0		mg/L	1	5/3/04 11:00:59 AM
Selenium	ND	0.58		mg/L	1	5/3/04 11:00:59 AM
Silver	ND	0.10		mg/L	1	5/3/04 11:00:59 AM

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Method Blank

Sample ID	Batch ID	Test Code	Units	Analysis Date	Prep Date							
MB-11567	11567	SW7470	mg/L	5/3/04 1:08:05 PM	4/30/04							
Client ID:		Run ID: HG-FIMS_040503A		SeqNo: 387652								
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Mercury	ND	0.0010	mg/L									
Sample ID	Batch ID	Test Code	Units	Analysis Date	Prep Date							
MB-R23469	R23469	SW7.3.3.2	mg/Kg	5/4/04								
Client ID:		Run ID: ING-WET_040504A		SeqNo: 387794								
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Reactive Cyanide	ND	20	mg/Kg									
Sample ID	Batch ID	Test Code	Units	Analysis Date	Prep Date							
MB-R23464	R23464	SW7.3.4.2	mg/Kg	5/3/04								
Client ID:		Run ID: ING-WET_040503C		SeqNo: 387676								
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Reactive Sulfide	ND	100	mg/Kg									

51

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Method Blank

Sample ID **MB-11554** Batch ID: **11554** Test Code: **SW1311/6010** Units: **mg/L** Analysis Date **5/3/04 10:15:28 AM** Prep Date **4/30/04**
 Client ID: Run ID: **ICP-SPECTRO_040503** SeqNo: **387627**

Analyte	QC Sample			QC Spike			Original Sample			Original Sample		
	Result	RL	Units	Amount	Result	%REC	LowLimit	HighLimit	or MS Result	%RPD	RPDLimit	Qua
Arsenic	ND	1.0	mg/L									
Barium	ND	2.0	mg/L									
Cadmium	ND	0.10	mg/L									
Chromium	ND	0.10	mg/L									
Lead	ND	1.0	mg/L									
Selenium	ND	0.58	mg/L									
Silver	ND	0.10	mg/L									

52

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit: defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Sample Duplicate

Sample ID	0404223-05CDUP	Batch ID:	R23441	Test Code:	SW1010	Units:	°F	Analysis Date	4/30/04	Prep Date		
Client ID:	SEAD63-SLW-12	Run ID:	ING-WET_040430E	SeqNo:	387188							
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Ignitability	ND	0	°F	0	0	0	0	0	0	0	20	

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Sample Matrix Spike

Sample ID	0404223-05BMS	Batch ID:	11567	Test Code:	SW7470	Units:	mg/L	Analysis Date	5/3/04 1:27:45 PM	Prep Date	4/30/04	
Client ID:	SEAD63-SLW-12	Run ID:	HG-FIMS_040503A	SeqNo:	387657							
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Mercury	0.02012	0.0010	mg/L	0.02	0	101	75	125	0			

Sample ID	0404223-05BMSD	Batch ID:	11567	Test Code:	SW7470	Units:	mg/L	Analysis Date	5/3/04 1:31:43 PM	Prep Date	4/30/04	
Client ID:	SEAD63-SLW-12	Run ID:	HG-FIMS_040503A	SeqNo:	387658							
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Mercury	0.01957	0.0010	mg/L	0.02	0	97.8	75	125	0.02012	2.8	20	

Sample ID	0404223-01BMS	Batch ID:	11554	Test Code:	SW1311/6010	Units:	mg/L	Analysis Date	5/3/04 10:34:28 AM	Prep Date	4/30/04	
Client ID:	SEAD63-SLW-08	Run ID:	ICP-SPECTRO_040503	SeqNo:	387632							
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Arsenic	10.19	1.0	mg/L	10	0	102	75	125	0			
Barium	21.27	2.0	mg/L	20	1.157	101	75	125	0			
Cadmium	3.805	0.10	mg/L	4	0	95.1	75	125	0			
Chromium	20.04	0.10	mg/L	20	0	100	75	125	0			
Lead	10.14	1.0	mg/L	10	0	101	75	125	0			
Selenium	8.15	0.58	mg/L	8	0	102	75	125	0			
Silver	1.96	0.10	mg/L	2	0	98	75	125	0			

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit: defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Sample Matrix Spike Duplicate

Sample ID 0404223-01BMSD Batch ID: 11554 Test Code: SW1311/6010 Units: mg/L Analysis Date 5/3/04 10:38:16 AM Prep Date 4/30/04
 Client ID: SEAD63-SLW-08 Run ID: ICP-SPECTRO_040503 SeqNo: 387633

Analyte	QC Sample	RL	Units	QC Spike	Original Sample		LowLimit	HighLimit	Original Sample		RPDLimit	Qua
	Result			Amount	Result	%REC			or MS Result	%RPD		
Arsenic	10.19	1.0	mg/L	10	0	102	75	125	10.19	0	20	
Barium	21.44	2.0	mg/L	20	1.157	101	75	125	21.27	0.796	20	
Cadmium	3.845	0.10	mg/L	4	0	96.1	75	125	3.805	1.05	20	
Chromium	20.2	0.10	mg/L	20	0	101	75	125	20.04	0.82	20	
Lead	10.21	1.0	mg/L	10	0	102	75	125	10.14	0.688	20	
Selenium	8.16	0.58	mg/L	8	0	102	75	125	8.15	0.123	20	
Silver	1.985	0.10	mg/L	2	0	99.2	75	125	1.96	1.24	20	

55

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Laboratory Control Spike

Sample ID	LCS-11567	Batch ID:	11567	Test Code:	SW7470	Units:	mg/L	Analysis Date	5/3/04 1:12:00 PM	Prep Date	4/30/04	
Client ID:		Run ID:	HG-FIMS_040503A	SeqNo:	387653							
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Mercury	0.02105	0.0010	mg/L	0.02	0	105	80	120	0			

Sample ID	P-Xylene	Batch ID:	R23441	Test Code:	SW1010	Units:	°F	Analysis Date	4/30/04	Prep Date		
Client ID:		Run ID:	ING-WET_040430E	SeqNo:	387189							
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Ignitability	81	0	°F	81	0	100	79	83	0			

Sample ID	Acetone	Batch ID:	R23441	Test Code:	SW1010	Units:	°F	Analysis Date	4/30/04	Prep Date		
Client ID:		Run ID:	ING-WET_040430E	SeqNo:	387190							
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Ignitability	102	0	°F	100	0	102	98	102	0			

56

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.

CLIENT: PLEXUS Scientific
 Work Order: 0404223
 Project: Seneca - SEAD 63

QC SUMMARY REPORT
 Laboratory Control Spike

Sample ID	Batch ID	Test Code	Units	Analysis Date	Prep Date							
LCS-11554	11554	SW1311/6010	mg/L	5/3/04 10:19:16 AM	4/30/04							
Client ID:		Run ID:	ICP-SPECTRO_040503	SeqNo:	387628							
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
Arsenic	10.05	1.0	mg/L	10	0	101	80	120	0			
Barium	20.83	2.0	mg/L	20	0	104	80	120	0			
Cadmium	3.89	0.10	mg/L	4	0	97.2	80	120	0			
Chromium	20.46	0.10	mg/L	20	0	102	80	120	0			
Lead	10.38	1.0	mg/L	10	0	104	80	120	0			
Selenium	8.2	0.58	mg/L	8	0	103	80	120	0			
Silver	1.964	0.10	mg/L	2	0	98.2	80	120	0			

Sample ID	Batch ID	Test Code	Units	Analysis Date	Prep Date							
LCS-R23426	R23426	SW9045C	pH Units	4/30/04								
Client ID:		Run ID:	ING-WET_040430A	SeqNo:	387042							
Analyte	QC Sample Result	RL	Units	QC Spike Amount	Original Sample Result	%REC	LowLimit	HighLimit	Original Sample or MS Result	%RPD	RPDLimit	Qua
pH	8.01	0	pH Units	8	0	100	7.95	8.05	0			

Qualifiers: ND - Not Detected at the Reporting Limit S - Spike Recovery outside accepted recovery limits B - Analyte detected in the associated Method Blank
 J - Analyte detected below quantitation limits R - RPD outside accepted recovery limits NA - Not applicable where J values or ND results occur
 RL - Reporting Limit; defined as the lowest concentration the laboratory can accurately quantitate.