Appendix I-2
Limited Phase II Environmental Site Assessment

Nelson, Pope & Voorhis, LLC
August 31, 2015

Limited Phase II

Environmental Site Assessment

Indian Hills Country Club

Northport, New York

NP&V Job# 86047

August 31, 2015

Limited Phase II

Environmental Site Assessment

Indian Hills Country Club

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NELSON POPE & VOORHIS, LLC
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Limited Phase II

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1.0 INTRODUCTION AND PURPOSE

Nelson, Pope & Voorhis, LLC (NP&V) has been contracted to prepare a Limited Phase II Environmental Site Assessment for the subject property. This report is intended to address recognized environmental conditions that were identified in a Phase I Environmental Site Assessment report prepared by Nelson, Pope & Voorhis, LLC dated February 4, 2015. The Phase I ESA was performed in accordance with the standards detailed by the American Society of Testing and Materials (ASTM) for the Performance of a Phase I Environmental Site Assessment (E 1527). This Limited Phase II ESA was designed to determine what, if any, impact on-site activities have had upon the environmental quality of the subject property.

The subject property lies in the Town of Huntington, County of Suffolk, New York. The subject property consists of a ±145 acre property that is comprised of two (2) tax parcels on the north side of Breeze Hill Road and two (2) tax parcels on the south side of Breeze Hill Road. The entirety of the subject property is located east of Makamah Road, west of Fresh Pond Road and directly south of Long Island Sound. The parcels north of Breeze Hill Road are more particularly described as Suffolk County Tax Map #s 0400-14-04-1 and 2, and the parcels south of Breeze Hill Road are more particularly described as Suffolk County Tax Map #s 0400-15-01-11 and 12. The surrounding area is moderately developed and contains a mix of residential and vacant land.

The subject property consists of an irregularly-shaped property that presently contains a landscaped 18-hole golf course with a driving range and associated country club facilities. There are several small freshwater ponds located throughout the golf course and the course borders an estuarine and marine wetland to the north (Long Island Sound). The structures currently present on the subject property include: the main clubhouse, a pro shop, a halfway house, a barn utilized for storage, an equipment shed, a fertilizer and spray rig storage structure, and a maintenance garage with associated offices. All of the buildings are connected to separate sanitary systems with the exception of the storage barn, the equipment shed, and the fertilizer storage structure, which are not connected to sanitary systems. The clubhouse is connected to two (2) separate sanitary systems, one (1) for the kitchen and one (1) for the bathrooms.

The main clubhouse, which consists of a two-story building with a painted concrete and wood shingle exterior, was originally constructed in 1896 according to Bob Cornelius, the maintenance manager of the country club. Several additions were added to the original structure over the years to form its current configuration. This building contains locker rooms, a kitchen, dining areas, restrooms, an event hall, a card room, office space, and storage areas. The building is presently heated by a fuel oil-fired boiler located in the basement. The boiler appeared to be in good condition, with no evidence of any major staining and no floor drains in the vicinity of the boiler. There is an outdoor underground fuel oil storage tank on the east side of the building. The capacity of the storage tank and the age of installation are not known.

The pro shop consists of a two-story building with a wood shingle exterior. The building contains storage areas for member's golf bags and golf carts in the basement, a retail pro shop on the first floor, and office space on the second floor. The building is presently heated by a fuel oil-fired boiler located in the basement. According to Mr. Cornelius, the boiler is approximately one (1) year old. The boiler appeared to be in very good condition, with no evidence of staining or floor drains in the vicinity of the boiler. There is a 275 gallon above ground fuel oil storage tank located in the basement of the pro shop. The storage tank also appeared to be in good condition with no evidence of any staining or floor drains in the vicinity of the tank.

The halfway house consists of a very small, one-story concrete structure with an asphalt shingle roof. The building contains a small storage area, a small kitchen area, and a restroom. The building is presently serviced by electric heat and an electric-powered hot water heater. The kitchen is connected to a grease trap in addition to the sanitary system that services the building.

The storage barn located south of the main clubhouse consists of a one-story structure with a vinyl-sided exterior. The structure is utilized for the storage of electric golf carts in addition to furniture for the clubhouse. The building is not heated and does not contain a sanitary system Two (2) propane tanks were observed in the storage barn; however, according to Mr. Cornelius, the propane tanks were empty and are usually not stored in the barn. There is a large paved parking area between the storage barn and the clubhouse. Stormwater leaching pools were observed in the paved parking area. There was no evidence of any staining in the vicinity of any of the leaching pools.

The maintenance buildings include an equipment shed, a fertilizer and spray rig storage structure, and a repair shop with associated offices; these buildings are located in the northeastern portion of the subject property, adjoined by a common paved parking area. There were several maintenance sand piles and chopped wood piles stored east of these buildings in addition to some landscaping equipment and some empty drums stored outdoors. There was no staining observed in the vicinity of any of the outdoor drums or equipment.

The equipment shed consists of a one-story metal structure that stores the landscaping equipment for the golf course. Two (2) drums and several gas cans were observed in the shed. The drums were unlabeled and Speedi-Dri was observed on the concrete floor in the vicinity of the drums. Other minor staining was observed on the concrete floor near the landscaping equipment; however, it is not expected to adversely affect the subsurface resources of the subject property, since no floor drains were observed. The equipment shed is heated and does not contain a sanitary system. Two (2) 1,000 gallon above ground self-contained diesel fuel and gasoline storage tanks were observed on the western side of the structure. The storage tanks are utilized for fueling the landscaping equipment. The tanks appeared to be in good condition and there was no evidence of any staining in the vicinity of the storage tanks.

The fertilizer and spray rig storage structure consists of a metal dome-shaped structure. The structure presently contains fertilizing machinery for the golf course, plastic storage drums for fertilizing materials and bags of fertilizer. The drums were reportedly empty. No staining was observed on the concrete floor of the storage structure. The structure is not heated and does not contain a sanitary system.

The repair shop consists of a one-story concrete block building with concrete floors and an attached office with vinyl siding. The maintenance shop contained several motor oil drums. Minor staining was observed in several areas on the concrete floor of the repair shop; however, the staining is not expected to adversely affect the subject property, since there are no floor drains present. A dirt-filled pit covered with wood boards was observed in the concrete floor towards the center of the repair shop. According to John Paquette, the Golf Course Superintendent, this was formerly a concrete maintenance pit that did not contain any floor drains and was backfilled approximately a year ago. The building is heated by a fuel oil-fired heating system. There is a 275 gallon outdoor above ground fuel storage tank located within a vault on the western side of the maintenance building. No staining was observed in the vicinity of the storage tank vault.

A well house that supplies water to the irrigation pumps for the golf course is located south of the maintenance structures on the eastern property boundary. In addition, several pole-mounted transformers were observed on the subject property. All of the transformers observed appeared to be in good condition. There was no evidence of any major staining, discharge, areas of stressed vegetation, residue of oils or other toxic substances, pools of discharge, petroleum or chemical odors, or other such indicators noted during the site reconnaissance.

Based on these findings the Phase I Environmental Site Assessment identified recognized environmental conditions that prompted the performance of this Limited Phase II Environmental Site Assessment. These conditions included:

1. The sanitary systems and grease traps connected to the clubhouse kitchen, the halfway house kitchen and the maintenance building should be sampled to ensure that current and past operations have not adversely affected the subsurface resources of the subject property.

2. The outdoor underground storage tank located on the east side of the clubhouse should be tested in order to ensure that it is not negatively affecting the subsurface resources of the subject property.

This assessment has been designed and performed by NP&V to address the potential impacts to the on-site sanitary system structures. The underground storage tank identified in Item 2 was previously examined as reported in **Section 2.3**. The laboratory analysis was provided by Long Island Analytical Laboratories, Inc.

The protocol used to direct this investigation is based upon the following documents: 1) the Suffolk County Department of Health Services (SCDHS) SOP 9-95 Pumpout and Soil Cleanup Criteria. The following sections detail the subject property and surrounding area characteristics, sampling program, quality assurance protocol, laboratory analysis methodology and laboratory results.

2.0 SAMPLING AND ANALYSIS PROGRAM (SAP)

2.1 HAND AUGER SOIL SAMPLING

The two (2) on-site sanitary systems associated with the main clubhouse kitchen, the sanitary system associated with the halfway house and the maintenance structure were sampled using a stainless steel hand auger. The soil samples were collected from the sediment located in the septic tanks or from the bottom sediment soil of the leaching pools. The samples from the leaching pools were collected from the top zero to twelve (0-12) inches of the soil. All of the samples were analyzed for the presence of volatile and semi-volatile organic compounds and metals based on the SCDHS parameters. **Figure 1** located at the end of this document provides a location map of the samples collected.

2.2 LABORATORY SAMPLE LOCATION AND FREQUENCY

The soil samples collected from the site were containerized and labeled for identification purposes. The labels were coded to correspond to the location from which the samples were secured. **Table 1** provides an index of how the samples were coded during labeling.

TABLE 1
SAMPLE IDENTIFICATION

SAMPLE LOCATION	SAMPLE ID CODE
Sediment sample collected from septic tank located in the grass area off the southwest portion of the building	CHST-S
Soil sample collected from overflow leaching pool connected to CHST-S located off the southwest portion of the building.	CH-1S
Sediment sample collected from septic tank located in the planting area off the northeast corner of the building	CHST-N
Soil sample collected from overflow leaching pool connected to CHST-N located off the northeast corner of the building.	CH-1N
Sediment sample collected from septic tank located in the grass area on the east side of the Halfway House building.	HWH-ST
Soil sample collected from cesspool located in the west side of the maintenance barn building.	MBEP-1

2.3 UNDERGROUND STORAGE TANK

A 1,500 gallon underground fuel oil storage tank located off the southwest portion of the main clubhouse building was to be sampled as part of this document. Prior to the sampling process, it was reported by the superintendent of the clubhouse that the tank recently underwent a tank tightness test at the request of the SCDHS. The results of this tank tightness test, which indicated the tank is sound, are attached in **Appendix B** of this document.

3.0 LABORATORY ANALYSIS

3.1 ANALYTICAL TEST METHODS

The soil samples were transported to a New York State Certified Commercial Laboratory for analysis. Selection of the analytical test methods for the presence of volatile and semi-volatile organic compounds and metals based on SCDHS parameters set forth in SOP 9-95.

3.2 ANALYTICAL RESULTS

The laboratory analysis performed on the samples did not exhibit any elevated concentrations of semi-volatile organic compounds. Several of the analyzed volatile organic compounds and metals exhibited elevated concentrations. **Table 2** provides a comparison of those constituents with elevated concentrations and the regulatory guidance values. The laboratory analysis sheets (NYS ASPA) as prepared by Long Island Analytical Laboratories are presented in **Appendix A** of this document. As depicted in **Table 2**, several of the analyzed constituents in samples CHST-S, CH-1S, CHST-N & CH-1N exceeded the regulatory guidance values set forth in the SCDHS SOP 9-95. Since these concentrations exceed the SCDHS guidance values, it is recommended that these four (4) structures be remediated under the auspices of SCDHS personnel.

TABLE 2

COMPARISON ANALYSIS

Constituents	CHST-S	CH-1S	CHST-N	CH-1N	HWH-ST	MBEP-1	SCDHS SOP 9-95
Semi-Volatiles	**No SVOCs Detected**						**ug/kg**
Volatiles	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**	**ug/kg**
Acetone	711	ND	ND	ND	ND	ND	**
Methyl Ethyl Ketone	329	ND	ND	ND	ND	ND	400
Toluene	**47,100**	**15,600**	1,650	530	ND	413	3,000
Chlorobenzene	ND	ND	1,800	48.5	ND	ND	2,200
Ethylbenzene	ND	ND	200	37.8	ND	ND	2,000
m,p-Xylenes	ND	ND	809	150	ND	ND	3,200
o-Xylene	ND	ND	188	ND	ND	ND	3,200
2-Chlorotoluene	603	ND	ND	ND	ND	ND	5,200
4-Ethyltoluene	53.1	ND	182	88.2	ND	ND	9,000
1,3,5-Trimethylbenzene	ND	ND	179	56.9	ND	ND	16,800
1,2,4-Trimethylbenzene	90.4	ND	459	147	ND	69.8	7,200
1,3-Dichlorobenzene	379	ND	ND	74.7	ND	ND	4,800
4-Isopropyltoluene	1,040	154	ND	296	ND	2,470	22,000
1,4-Dichlorobenzene	593	ND	790	335	ND	ND	3,600
1,2-Dichlorobenzene	**3,390**	ND	ND	128	ND	ND	2,200
1,4-Diethylbenzene	ND	ND	447	207	ND	ND	NS
n-Butylbenzene	104	ND	ND	ND	ND	ND	12,000
1,2,4,5-Tetramethylbenzene	39.4	ND	ND	121	ND	91.2	18,000
Naphthalene	ND	ND	ND	40.2	ND	ND	24,000
Metals	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**	**mg/kg**
Arsenic	ND	ND	12.4	4.33	ND	ND	30
Barium	46.2	9.87	206	72.4	8.11	36.7	4,000
Cadmium	ND	ND	9.76	ND	ND	ND	40
Chromium	**228**	2.44	64.6	5.70	4.52	ND	100
Copper	87.8	52.4	7,520	1,360	9.17	19.9	8,500
Lead	83.5	ND	372	56.9	3.25	9.75	2,000
Nickel	40.5	ND	36.2	12.2	2.81	ND	650
Silver	ND	ND	30.9	7.71	ND	ND	50
Mercury	0.05	0.02	**12.2**	**4.52**	ND	0.27	3.7

**Due to its relatively short half-life in the environment, if acetone is the only contaminant of concern in a sample, the primary response should be to determine and eliminate the source of the acetone discharge. The requirement to perform a remediation will be determined on a case-by-case basis.

ND - Not Detected

NS - No Standard

Bold and highlighted indicates the constituent exceeds the regulatory guidance values

4.0 QUALITY ASSURANCE/QUALITY CONTROL PROCEDURES (QA/QC)

This sampling protocol was conducted in accordance with USEPA accepted sampling procedures for hazardous waste streams (Municipal Research Laboratory, 1980, Sampling and Sampling Procedures for Hazardous Material Waste Streams, USEPA, Cincinnati, Ohio EPA- 600\280-018) and ASTM Material Sampling Procedures. All samples were collected by or under the auspices of USEPA trained personnel having completed the course Sampling of Hazardous Materials, offered by the Office of Emergency and Remedial Response.

Separate QA/QC measures were implemented for each of the instruments used in the Sampling and Analysis Program. Sampling instruments included a stainless steel hand auger and sample vessels.

Prior to arrival on the site and between sample locations, the probes sections were decontaminated by washing with a detergent (alconox/liquinox) and potable water solution with distilled water rinse. All sample vessels were "level A" certified decontaminated containers. Samples were placed into vessels consistent with the analytical parameters. After acquisition, samples were preserved in the field. All containerized samples were refrigerated to 4^{o} C during transport.

A sample represents physical evidence; therefore, an essential part of liability reduction is the proper control of gathered evidence. To establish proper control, the following sample identification and chain-of-custody procedures were followed.

Sample Identification

Sample identification was executed by use of a sample tag, logbook and manifest. Documentation provides the following:

1. Project Code
2. Sample Laboratory Number
3. Sample Preservation
4. Instrument Used for Source Soil Grabs
5. Composite Medium Used for Source Soil Grabs
6. Date Sample was Secured from Source Soil
7. Time Sample was Secured from Source Soil
8. Person Who Secured Sample from Source Soil

Chain-of-Custody Procedures

Due to the evidential nature of samples, possession was traceable from the time the samples were collected until they were received by the testing laboratory. A sample was considered under custody if:

It was in a person's possession, or
It was in a person's view, after being in possession, or
It was in a person's possession and they were to lock it up, or
It is in a designated secure area.

When transferring custody, the individuals relinquishing and receiving signed, dated and noted the time on the Chain-of- Custody Form.

Laboratory Custody Procedures

A designated sample custodian accepted custody of the shipped samples and verified that the information on the sample tags matched that on the Chain-of-Custody records. Pertinent information as to shipment, pick-up, courier, etc. was entered in the "remarks" section. The custodian then entered the sample tag data into a bound logbook which was arranged by project code and station number.

The laboratory custodian used the sample tag number or assigned an unique laboratory number to each sample tag and assured that all samples were transferred to the proper analyst or stored in the appropriate source area.

The custodian distributed samples to the appropriate analysts. Laboratory personnel were responsible for the care and custody of samples from the time they were received until the sample was exhausted or returned to the custodian.

All identifying data sheets and laboratory records were retained as part of the permanent site record. Samples received by the laboratory were retained until after analysis and quality assurance checks were completed.

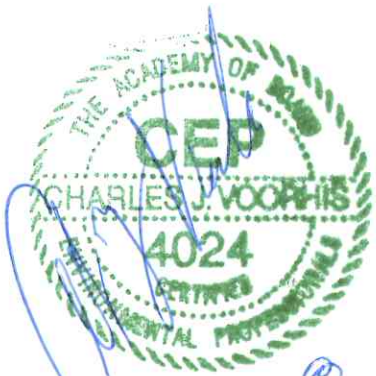
5.0 SUMMARY AND CONCLUSION

This investigation was completed to address issues raised in a prior Phase I ESA prepared by Nelson, Pope & Voorhis, LLC. A sampling and analysis program was designed to determine if the on-site sanitary systems had been impacted by the prior and existing uses of the subject property. The sampling and analysis plan consisted of soil/sediment quality testing using analytical test methods consistent with expected parameters and agency soil cleanup objectives. In addition, the following presents an evaluation of the results of this investigation.

1. Leaching structures from four (4) on-site sanitary systems were sampled and analyzed for the presence of volatile and semi-volatile organic compounds and metals. No elevated concentrations of any semi-volatile organic compounds were detected. Many of the analyzed volatile and metal constituents exhibited elevated concentrations. Several of the analyzed constituents in samples CHST-S, CH-1S, CHST-N & CH-1N exceeded the regulatory guidance values set forth in the SCDHS SOP 9-95. Since these concentrations exceed the SCDHS guidance values, it is recommended that these four (4) systems be remediated under the auspices of SCDHS personnel.

2. The 1,500 gallon underground fuel oil storage tank which supplies the main clubhouse building recently underwent a tank tightness test at the request of SCDHS. The results of the tank tightness test indicated that the tank passed the tightness test at the time the test was conducted.

The subject property has been evaluated consistent with the findings of a Phase I ESA, and in accordance with standard practice for the industry. This Limited Phase II ESA addresses only the specific areas of the site warranting further analysis and can only provide conclusions regarding the subsurface soil quality in those specific areas tested. The Limited Phase II ESA report is limited to the evaluation of on-site conditions at the time of completion of the field sampling program.



8/31/15
Date of Completion

Charles J. Voorhis, CEP, AICP
Project Manager

NELSON POPE & VOORHIS, LLC
ENVIRONMENTAL • PLANNING • CONSULTING

6.0 REFERENCES

New York State Department of Environmental Conservation (NYSDEC), 1992, Sampling Guidelines and Protocols, Technology Background and Quality Control/Quality Assurance for NYSDEC Spill Response Program, NYSDEC, Albany, New York.

American Society for Testing and Materials (ASTM), June 2011, E1903-11 Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process, West Conshohocken, Pennsylvania.

Suffolk County Department of Health Services (SCDHS), January 2011, Standard Operating Procedure For Administration of Article 12 of the Suffolk County Sanitary Code - "Pumpout and Soil Cleanup Criteria", Farmingville, New York.

FIGURES

Property Boundary

MBEP-1

1 inch = 100 feet

HWH-ST

1 inch = 50 feet

CH-1N

CHST-N

CH-1S

CHST-S

1 inch = 100 feet

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FIGURE 1
SAMPLE LOCATION MAP

Source: ESRI Web Mapping Service

Scale: 1 inch = 300 feet

N

Indian Hills Country Club

Limited Phase II ESA

APPENDICES

APPENDIX A

LABORATORY DATA SHEETS

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"

Laboratory Report

NYSDOH ELAP# 11693
USEPA# NY01273
CTDOH# PH-0284
AIHA# 164456
NJDEP# NY012
PADEP# 68-2943

LIAL# 5081801

August 25, 2015

Nelson, Pope & Voorhis
Steve McGinn
572 Walt Whitman Road
Melville, NY 11747

Re: Indian Hills Country Club Northport

Dear Steve McGinn,

Enclosed please find the laboratory Analysis Report(s) for sample(s) received on August 18, 2015. Long Island Analytical laboratories analyzed the samples on August 24, 2015 for the following:

SAMPLE ID	ANALYSIS
CH-1S	SCDH Metals, SCDH Semi-Volatiles, SCDH Volatiles
HWH-ST	SCDH Metals, SCDH Semi-Volatiles, SCDH Volatiles
MBEP-1	SCDH Metals, SCDH Semi-Volatiles, SCDH Volatiles
CHST-S	SCDH Metals, SCDH Semi-Volatiles, SCDH Volatiles
CH-1N	SCDH Metals, SCDH Semi-Volatiles, SCDH Volatiles
CHST-N2	SCDH Metals, SCDH Semi-Volatiles, SCDH Volatiles

Samples received at 1.7 ° C

5.L Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.

If you have any questions or require further information, please call at your convenience. Long Island Analytical Laboratories Inc. is a NELAP accredited laboratory. All reported results meet the requirements of the NELAP standards unless noted. Report shall not be reproduced except in full without the written approval of the laboratory. Results related only to items tested. Long Island Analytical Laboratories would like to thank you for the opportunity to be of service to you.

Best Regards,

Long Island Analytical Laboratories, Inc.

Michael Veraldi - Laboratory Director

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:21	Sample ID: CH-1S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-01 % Solid:77.43
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	9.84	129	<129	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	10.9	129	<129	ug/kg dry	3.A, 4.J, 4.N, 5.L
Vinyl chloride	75-01-4	13.2	129	<129	ug/kg dry	3.A, 5.L
Chloroethane	75-00-3	31.5	129	<129	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	11.4	129	<129	ug/kg dry	3.A, 5.L
Acetone	67-64-1	344	1290	<1290	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	16.9	129	<129	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	12.9	129	<129	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	78.3	129	<129	ug/kg dry	3.A, 5.L
Methyl-tert-Butyl Ether	1634-04-4	14.9	129	<129	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	15.8	129	<129	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	12.6	129	<129	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	37.7	258	<258	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	14.4	129	<129	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	9.76	129	<129	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	11.5	129	<129	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	12.7	129	<129	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	8.21	129	<129	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	16.2	129	<129	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	13.6	129	<129	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	14.9	129	<129	ug/kg dry	3.A, 5.L
Benzene	71-43-2	10.3	129	<129	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	6.53	129	<129	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	11.0	129	<129	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	16.0	129	<129	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	13.6	129	<129	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	21.1	258	<258	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	11.9	129	<129	ug/kg dry	3.A, 5.L
Toluene	108-88-3	11.9	129	15600	ug/kg dry	3.E, 4.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	18.0	129	<129	ug/kg dry	3.A, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:21	Sample ID: CH-1S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-01 % Solid:77.43
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,1,2-Trichloroethane	79-00-5	15.0	129	<129	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	16.5	129	<129	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	17.1	129	<129	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	11.9	129	<129	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	16.0	129	<129	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	12.3	129	<129	ug/kg dry	3.A, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	9.66	129	<129	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	9.38	129	<129	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	18.4	258	<258	ug/kg dry	3.A, 5.L
Styrene	100-42-5	18.2	129	<129	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	8.99	129	<129	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	21.3	129	<129	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	14.6	129	<129	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	8.06	129	<129	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	13.5	129	<129	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	11.5	129	<129	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	9.04	129	<129	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	8.83	129	<129	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	11.4	129	<129	ug/kg dry	2.B, 3.A, 5.L
4-Chlorotoluene	106-43-4	11.3	129	<129	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	9.45	129	<129	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	10.9	129	<129	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	10.1	129	<129	ug/kg dry	3.A, 5.L
sec-Butylbenzene	135-98-8	9.87	129	<129	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	9.84	129	<129	ug/kg dry	3.A, 5.L
4-Isopropyltoluene	99-87-6	7.23	129	154	ug/kg dry	3.E, 5.L
1,4-Dichlorobenzene	106-46-7	9.07	129	<129	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	9.30	129	<129	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	8.70	129	<129	ug/kg dry	2.B, 3.A, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:21	Sample ID: CH-1S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-01 % Solid:77.43
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	9.61	129	<129	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	19.2	129	<129	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	13.6	129	<129	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	14.8	129	<129	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	12.7	129	<129	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	11.9	129	<129	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	11.3	129	<129	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	87	79.4-122	
1,2-Dichloroethane-d4	10706-07-0	91	74.4-131	
Toluene-d8	2037-26-5	100	85-123	
4-Bromofluorobenzene	460-00-4	113	82.3-134	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	107	50-200	
1,4-Difluorobenzene	540-36-3	99	50-200	
Chlorobenzene-d5	3114-55-4	95	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	81	50-200	

Date Prepared: 08/19/2015

Preparation Method: EPA 5035A-L

Date Analyzed: 08/19/2015

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:21	Sample ID: CH-1S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-01 % Solid:77.43
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Naphthalene	91-20-3	83.8	775	<775	ug/kg dry	3.A
Acenaphthene	83-32-9	117	775	<775	ug/kg dry	3.A
Fluorene	86-73-7	108	775	<775	ug/kg dry	3.A
Phenanthrene	85-01-8	83.5	775	<775	ug/kg dry	3.A
Anthracene	120-12-7	82.5	775	<775	ug/kg dry	3.A
Fluoranthene	206-44-0	214	775	<775	ug/kg dry	3.A
Pyrene	129-00-0	242	775	<775	ug/kg dry	3.A
Benzo(a)anthracene	56-55-3	299	775	<775	ug/kg dry	3.A
Chrysene	218-01-9	96.9	775	<775	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	254	775	<775	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	285	775	<775	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	300	775	<775	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	205	775	<775	ug/kg dry	3.A
Dibenzo(a,h)anthracene	53-70-3	140	775	<775	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	126	775	<775	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Nitrobenzene-d5	4165-60-0	93	31-118.25	3.E
2-Fluorobiphenyl	321-60-8	90	34.39-110.73	3.E
Terphenyl-d14	1718-51-0	97	41.02-106	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	92	50-200	
Naphthalene-d8	1146-65-2	94	50-200	
Acenaphthene-d10	15067-26-2	90	50-200	
Phenanthrene-d10	1517-22-2	86	50-200	
Chrysene-d12	1719-03-5	82	50-200	
Perylene-d12	1520-96-3	85	50-200	

Date Prepared: 08/20/2015

Preparation Method: EPA 3545 A

Date Analyzed: 08/24/2015

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:21	Sample ID: CH-1S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-01 % Solid:77.43
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Arsenic	08/20/2015	EPA 6010 C	1.21	2.17	<2.17	mg/kg dry	
Barium	08/20/2015	EPA 6010 C	0.88	2.17	9.87	mg/kg dry	
Beryllium	08/20/2015	EPA 6010 C	0.77	2.17	<2.17	mg/kg dry	
Cadmium	08/20/2015	EPA 6010 C	0.25	2.17	<2.17	mg/kg dry	
Chromium	08/20/2015	EPA 6010 C	0.92	2.17	2.44	mg/kg dry	
Copper	08/20/2015	EPA 6010 C	0.74	2.17	52.4	mg/kg dry	
Lead	08/20/2015	EPA 6010 C	0.90	2.17	<2.17	mg/kg dry	
Nickel	08/20/2015	EPA 6010 C	0.88	2.17	<2.17	mg/kg dry	
Selenium	08/20/2015	EPA 6010 C	1.20	2.17	<2.17	mg/kg dry	
Silver	08/20/2015	EPA 6010 C	0.05	2.17	<2.17	mg/kg dry	

Date Prepared: 08/18/2015 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	08/19/2015	EPA 7471 B	0.003	0.02	0.02	mg/kg dry	

Date Prepared: 08/19/2015 Preparation Method: EPA 7471 B

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:32	Sample ID: HWH-ST
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-02 % Solid:87.63
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	0.435	5.71	<5.71	ug/kg dry	5.L
Chloromethane	74-87-3	0.482	5.71	<5.71	ug/kg dry	4.N, 5.L, 4.J
Vinyl chloride	75-01-4	0.583	5.71	<5.71	ug/kg dry	5.L
Chloroethane	75-00-3	1.39	5.71	<5.71	ug/kg dry	5.L
Trichlorofluoromethane	75-69-4	0.502	5.71	<5.71	ug/kg dry	5.L
Acetone	67-64-1	15.2	57.1	<57.1	ug/kg dry	5.L
1,1-Dichloroethylene	75-35-4	0.745	5.71	<5.71	ug/kg dry	5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	0.568	5.71	<5.71	ug/kg dry	5.L
Methylene Chloride	75-09-2	3.46	5.71	<5.71	ug/kg dry	5.L
Methyl-tert-Butyl Ether	1634-04-4	0.656	5.71	<5.71	ug/kg dry	5.L
trans-1,2-Dichloroethylene	156-60-5	0.697	5.71	<5.71	ug/kg dry	5.L
1,1-Dichloroethane	75-34-3	0.556	5.71	<5.71	ug/kg dry	5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	1.67	11.4	<11.4	ug/kg dry	5.L
cis-1,2-Dichloroethylene	156-59-2	0.636	5.71	<5.71	ug/kg dry	5.L
2,2-Dichloropropane	594-20-7	0.431	5.71	<5.71	ug/kg dry	5.L
Bromochloromethane	74-97-5	0.509	5.71	<5.71	ug/kg dry	5.L
Chloroform	67-66-3	0.560	5.71	<5.71	ug/kg dry	5.L
1,1,1-Trichloroethane	71-55-6	0.363	5.71	<5.71	ug/kg dry	5.L
1,2-Dichloroethane	107-06-2	0.718	5.71	<5.71	ug/kg dry	5.L
1,1-Dichloropropylene	563-58-6	0.599	5.71	<5.71	ug/kg dry	5.L
Carbon Tetrachloride	56-23-5	0.656	5.71	<5.71	ug/kg dry	5.L
Benzene	71-43-2	0.455	5.71	<5.71	ug/kg dry	5.L
Trichloroethylene	79-01-6	0.289	5.71	<5.71	ug/kg dry	5.L
1,2-Dichloropropane	78-87-5	0.487	5.71	<5.71	ug/kg dry	5.L
Dibromomethane	74-95-3	0.706	5.71	<5.71	ug/kg dry	5.L
Bromodichloromethane	75-27-4	0.603	5.71	<5.71	ug/kg dry	5.L
4-Methyl-2-Pentanone	108-10-1	0.933	11.4	<11.4	ug/kg dry	5.L
cis-1,3-Dichloropropylene	10061-01-5	0.524	5.71	<5.71	ug/kg dry	5.L
Toluene	108-88-3	0.526	5.71	<5.71	ug/kg dry	5.L
trans-1,3-Dichloropropylene	10061-02-6	0.793	5.71	<5.71	ug/kg dry	5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:32	Sample ID: HWH-ST
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-02 % Solid:87.63
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,1,2-Trichloroethane	79-00-5	0.663	5.71	<5.71	ug/kg dry	5.L
1,3-Dichloropropane	142-28-9	0.729	5.71	<5.71	ug/kg dry	5.L
Dibromochloromethane	124-48-1	0.754	5.71	<5.71	ug/kg dry	5.L
Tetrachloroethylene	127-18-4	0.524	5.71	<5.71	ug/kg dry	5.L
1,2-Dibromoethane	106-93-4	0.705	5.71	<5.71	ug/kg dry	5.L
Chlorobenzene	108-90-7	0.544	5.71	<5.71	ug/kg dry	5.L
1,1,1,2-Tetrachloroethane	630-20-6	0.427	5.71	<5.71	ug/kg dry	5.L
Ethylbenzene	100-41-4	0.414	5.71	<5.71	ug/kg dry	5.L
m,p-Xylenes	108-38-3/106-42-3	0.811	11.4	<11.4	ug/kg dry	5.L
Styrene	100-42-5	0.802	5.71	<5.71	ug/kg dry	5.L
o-Xylene	95-47-6	0.397	5.71	<5.71	ug/kg dry	5.L
Bromoform	75-25-2	0.941	5.71	<5.71	ug/kg dry	5.L
1,1,2,2-Tetrachloroethane	79-34-5	0.645	5.71	<5.71	ug/kg dry	5.L
Isopropylbenzene (Cumene)	98-82-8	0.356	5.71	<5.71	ug/kg dry	5.L
1,2,3-Trichloropropane	96-18-4	0.597	5.71	<5.71	ug/kg dry	5.L
Bromobenzene	108-86-1	0.508	5.71	<5.71	ug/kg dry	5.L
n-Propylbenzene	103-65-1	0.399	5.71	<5.71	ug/kg dry	5.L
2-Chlorotoluene	95-49-8	0.390	5.71	<5.71	ug/kg dry	5.L
4-Ethyltoluene	622-96-8	0.506	5.71	<5.71	ug/kg dry	2.B, 5.L
4-Chlorotoluene	106-43-4	0.501	5.71	<5.71	ug/kg dry	5.L
1,3,5-Trimethylbenzene	108-67-8	0.418	5.71	<5.71	ug/kg dry	5.L
tert-Butylbenzene	98-06-6	0.483	5.71	<5.71	ug/kg dry	5.L
1,2,4-Trimethylbenzene	95-63-6	0.446	5.71	<5.71	ug/kg dry	5.L
sec-Butylbenzene	135-98-8	0.436	5.71	<5.71	ug/kg dry	5.L
1,3-Dichlorobenzene	541-73-1	0.435	5.71	<5.71	ug/kg dry	5.L
4-Isopropyltoluene	99-87-6	0.320	5.71	<5.71	ug/kg dry	5.L
1,4-Dichlorobenzene	106-46-7	0.401	5.71	<5.71	ug/kg dry	5.L
1,2-Dichlorobenzene	95-50-1	0.411	5.71	<5.71	ug/kg dry	5.L
1,4-Diethylbenzene	105-05-5	0.385	5.71	<5.71	ug/kg dry	2.B, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:32	Sample ID: HWH-ST
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-02 % Solid:87.63
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	0.425	5.71	<5.71	ug/kg dry	5.L
1,2-Dibromo-3-chloropropane	96-12-8	0.849	5.71	<5.71	ug/kg dry	5.L
1,2,4,5-Tetramethylbenzene	95-93-2	0.601	5.71	<5.71	ug/kg dry	2.B, 5.L
1,2,4-Trichlorobenzene	120-82-1	0.655	5.71	<5.71	ug/kg dry	5.L
Naphthalene	91-20-3	0.561	5.71	<5.71	ug/kg dry	5.L
Hexachlorobutadiene	87-68-3	0.526	5.71	<5.71	ug/kg dry	5.L
1,2,3-Trichlorobenzene	87-61-6	0.499	5.71	<5.71	ug/kg dry	5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	89	79.4-122	
1,2-Dichloroethane-d4	10706-07-0	92	74.4-131	
Toluene-d8	2037-26-5	98	85-123	
4-Bromofluorobenzene	460-00-4	104	82.3-134	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	130	50-200	
1,4-Difluorobenzene	540-36-3	119	50-200	
Chlorobenzene-d5	3114-55-4	117	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	112	50-200	

Date Prepared: 08/19/2015

Preparation Method: EPA 5035A-L

Date Analyzed: 08/19/2015

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:32	Sample ID: HWH-ST
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-02 % Solid:87.63
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Naphthalene	91-20-3	18.5	171	<171	ug/kg dry	
Acenaphthene	83-32-9	25.8	171	<171	ug/kg dry	
Fluorene	86-73-7	23.8	171	<171	ug/kg dry	
Phenanthrene	85-01-8	18.5	171	<171	ug/kg dry	
Anthracene	120-12-7	18.2	171	<171	ug/kg dry	
Fluoranthene	206-44-0	47.3	171	<171	ug/kg dry	
Pyrene	129-00-0	53.4	171	<171	ug/kg dry	
Benzo(a)anthracene	56-55-3	66.0	171	<171	ug/kg dry	
Chrysene	218-01-9	21.4	171	<171	ug/kg dry	
Benzo(b)fluoranthene	205-99-2	56.1	171	<171	ug/kg dry	
Benzo(k)fluoranthene	207-08-9	63.0	171	<171	ug/kg dry	
Benzo(a)pyrene	50-32-8	66.4	171	<171	ug/kg dry	
Indeno(1,2,3-cd)pyrene	193-39-5	45.3	171	<171	ug/kg dry	
Dibenzo(a,h)anthracene	53-70-3	30.9	171	<171	ug/kg dry	
Benzo(g,h,i)perylene	191-24-2	27.9	171	<171	ug/kg dry	

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Nitrobenzene-d5	4165-60-0	66	31-118.25	
2-Fluorobiphenyl	321-60-8	63	34.39-110.73	
Terphenyl-d14	1718-51-0	80	41.02-106	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	90	50-200	
Naphthalene-d8	1146-65-2	93	50-200	
Acenaphthene-d10	15067-26-2	89	50-200	
Phenanthrene-d10	1517-22-2	89	50-200	
Chrysene-d12	1719-03-5	84	50-200	
Perylene-d12	1520-96-3	84	50-200	

Date Prepared: 08/20/2015

Preparation Method: EPA 3545 A

Date Analyzed: 08/24/2015

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:32	Sample ID: HWH-ST
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-02 % Solid:87.63
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Arsenic	08/20/2015	EPA 6010 C	1.01	1.82	<1.82	mg/kg dry	
Barium	08/20/2015	EPA 6010 C	0.74	1.82	8.11	mg/kg dry	
Beryllium	08/20/2015	EPA 6010 C	0.64	1.82	<1.82	mg/kg dry	
Cadmium	08/20/2015	EPA 6010 C	0.21	1.82	<1.82	mg/kg dry	
Chromium	08/20/2015	EPA 6010 C	0.77	1.82	4.52	mg/kg dry	
Copper	08/20/2015	EPA 6010 C	0.62	1.82	9.17	mg/kg dry	
Lead	08/20/2015	EPA 6010 C	0.75	1.82	3.25	mg/kg dry	
Nickel	08/20/2015	EPA 6010 C	0.74	1.82	2.81	mg/kg dry	
Selenium	08/20/2015	EPA 6010 C	1.00	1.82	<1.82	mg/kg dry	
Silver	08/20/2015	EPA 6010 C	0.04	1.82	<1.82	mg/kg dry	

Date Prepared: 08/18/2015 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	08/19/2015	EPA 7471 B	0.002	0.02	<0.02	mg/kg dry	

Date Prepared: 08/19/2015 Preparation Method: EPA 7471 B

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 15:08	Sample ID: MBEP-1
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-03 % Solid:76.53
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	2.49	32.7	<32.7	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	2.76	32.7	<32.7	ug/kg dry	3.A, 4.J, 4.N, 5.L
Vinyl chloride	75-01-4	3.34	32.7	<32.7	ug/kg dry	3.A, 5.L
Chloroethane	75-00-3	7.97	32.7	<32.7	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	2.87	32.7	<32.7	ug/kg dry	3.A, 5.L
Acetone	67-64-1	86.9	327	<327	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	4.27	32.7	<32.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	3.25	32.7	<32.7	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	19.8	32.7	<32.7	ug/kg dry	3.A, 5.L
Methyl-tert-Butyl Ether	1634-04-4	3.76	32.7	<32.7	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	3.99	32.7	<32.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	3.18	32.7	<32.7	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	9.54	65.3	<65.3	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	3.64	32.7	<32.7	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	2.47	32.7	<32.7	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	2.91	32.7	<32.7	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	3.21	32.7	<32.7	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	2.08	32.7	<32.7	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	4.11	32.7	<32.7	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	3.43	32.7	<32.7	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	3.76	32.7	<32.7	ug/kg dry	3.A, 5.L
Benzene	71-43-2	2.61	32.7	<32.7	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	1.65	32.7	<32.7	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	2.79	32.7	<32.7	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	4.04	32.7	<32.7	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	3.45	32.7	<32.7	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	5.34	65.3	<65.3	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	3.00	32.7	<32.7	ug/kg dry	3.A, 5.L
Toluene	108-88-3	3.01	32.7	413	ug/kg dry	3.E, 5.L
trans-1,3-Dichloropropylene	10061-02-6	4.54	32.7	<32.7	ug/kg dry	3.A, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 15:08	Sample ID: MBEP-1
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-03 % Solid:76.53
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,1,2-Trichloroethane	79-00-5	3.80	32.7	<32.7	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	4.17	32.7	<32.7	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	4.32	32.7	<32.7	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	3.00	32.7	<32.7	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	4.04	32.7	<32.7	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	3.12	32.7	<32.7	ug/kg dry	3.A, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	2.44	32.7	<32.7	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	2.37	32.7	<32.7	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	4.65	65.3	<65.3	ug/kg dry	3.A, 5.L
Styrene	100-42-5	4.59	32.7	<32.7	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	2.27	32.7	<32.7	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	5.39	32.7	<32.7	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	3.69	32.7	<32.7	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	2.04	32.7	<32.7	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	3.42	32.7	<32.7	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	2.91	32.7	<32.7	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	2.29	32.7	<32.7	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	2.23	32.7	<32.7	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	2.89	32.7	<32.7	ug/kg dry	2.B, 3.A, 5.L
4-Chlorotoluene	106-43-4	2.87	32.7	<32.7	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	2.39	32.7	<32.7	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	2.76	32.7	<32.7	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	2.55	32.7	69.8	ug/kg dry	3.E, 5.L
sec-Butylbenzene	135-98-8	2.50	32.7	<32.7	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	2.49	32.7	<32.7	ug/kg dry	3.A, 5.L
4-Isopropyltoluene	99-87-6	18.3	327	2470	ug/kg dry	3.E, 5.L
1,4-Dichlorobenzene	106-46-7	2.29	32.7	<32.7	ug/kg dry	3.A, 5.L
1,2-Dichlorobenzene	95-50-1	2.35	32.7	<32.7	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	2.20	32.7	<32.7	ug/kg dry	2.B, 3.A, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 15:08	Sample ID: MBEP-1
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-03 % Solid:76.53
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	2.43	32.7	<32.7	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	4.86	32.7	<32.7	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	3.44	32.7	91.2	ug/kg dry	2.B, 3.E, 5.L
1,2,4-Trichlorobenzene	120-82-1	3.75	32.7	<32.7	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	3.21	32.7	<32.7	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	3.01	32.7	<32.7	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	2.85	32.7	<32.7	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	92	79.4-122	
1,2-Dichloroethane-d4	10706-07-0	91	74.4-131	
Toluene-d8	2037-26-5	102	85-123	
4-Bromofluorobenzene	460-00-4	122	82.3-134	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	118	50-200	
1,4-Difluorobenzene	540-36-3	112	50-200	
Chlorobenzene-d5	3114-55-4	102	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	78	50-200	

Date Prepared: 08/19/2015

Preparation Method: EPA 5035A-L

Date Analyzed: 08/19/2015

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 15:08	Sample ID: MBEP-1
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-03 % Solid:76.53
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Naphthalene	91-20-3	84.8	784	<784	ug/kg dry	3.A
Acenaphthene	83-32-9	118	784	<784	ug/kg dry	3.A
Fluorene	86-73-7	109	784	<784	ug/kg dry	3.A
Phenanthrene	85-01-8	84.5	784	<784	ug/kg dry	3.A
Anthracene	120-12-7	83.5	784	<784	ug/kg dry	3.A
Fluoranthene	206-44-0	217	784	<784	ug/kg dry	3.A
Pyrene	129-00-0	244	784	<784	ug/kg dry	3.A
Benzo(a)anthracene	56-55-3	302	784	<784	ug/kg dry	3.A
Chrysene	218-01-9	98.0	784	<784	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	257	784	<784	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	289	784	<784	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	304	784	<784	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	207	784	<784	ug/kg dry	3.A
Dibenzo(a,h)anthracene	53-70-3	141	784	<784	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	128	784	<784	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Nitrobenzene-d5	4165-60-0	114	31-118.25	3.E
2-Fluorobiphenyl	321-60-8	118	34.39-110.73	3.E, 4.L
Terphenyl-d14	1718-51-0	115	41.02-106	3.E, 4.L

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	86	50-200	
Naphthalene-d8	1146-65-2	85	50-200	
Acenaphthene-d10	15067-26-2	82	50-200	
Phenanthrene-d10	1517-22-2	80	50-200	
Chrysene-d12	1719-03-5	76	50-200	
Perylene-d12	1520-96-3	75	50-200	

Date Prepared: 08/20/2015

Preparation Method: EPA 3545 A

Date Analyzed: 08/24/2015

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 15:08	Sample ID: MBEP-1
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-03 % Solid:76.53
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Arsenic	08/20/2015	EPA 6010 C	1.12	2.01	<2.01	mg/kg dry	
Barium	08/20/2015	EPA 6010 C	0.82	2.01	36.7	mg/kg dry	
Beryllium	08/20/2015	EPA 6010 C	0.71	2.01	<2.01	mg/kg dry	
Cadmium	08/20/2015	EPA 6010 C	0.23	2.01	<2.01	mg/kg dry	
Chromium	08/20/2015	EPA 6010 C	0.85	2.01	<2.01	mg/kg dry	
Copper	08/20/2015	EPA 6010 C	0.69	2.01	19.9	mg/kg dry	
Lead	08/20/2015	EPA 6010 C	0.83	2.01	9.75	mg/kg dry	
Nickel	08/20/2015	EPA 6010 C	0.82	2.01	<2.01	mg/kg dry	
Selenium	08/20/2015	EPA 6010 C	1.11	2.01	<2.01	mg/kg dry	
Silver	08/20/2015	EPA 6010 C	0.05	2.01	<2.01	mg/kg dry	

Date Prepared: 08/18/2015 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	08/19/2015	EPA 7471 B	0.003	0.02	0.27	mg/kg dry	

Date Prepared: 08/19/2015 Preparation Method: EPA 7471 B

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 09:31	Sample ID: CHST-S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-04 % Solid:66.64
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	2.86	37.5	<37.5	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	3.17	37.5	<37.5	ug/kg dry	4.J, 4.N, 5.L, 3.A
Vinyl chloride	75-01-4	3.83	37.5	<37.5	ug/kg dry	3.A, 5.L
Chloroethane	75-00-3	9.15	37.5	<37.5	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	3.30	37.5	<37.5	ug/kg dry	3.A, 5.L
Acetone	67-64-1	99.8	375	711	ug/kg dry	3.E, 4.K, 4.X, 5.L
1,1-Dichloroethylene	75-35-4	4.90	37.5	<37.5	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	3.74	37.5	<37.5	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	22.7	37.5	<37.5	ug/kg dry	3.A, 5.L
Methyl-tert-Butyl Ether	1634-04-4	4.31	37.5	<37.5	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	4.58	37.5	<37.5	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	3.65	37.5	<37.5	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	11.0	75.0	329	ug/kg dry	3.E, 5.L
cis-1,2-Dichloroethylene	156-59-2	4.18	37.5	<37.5	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	2.84	37.5	<37.5	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	3.35	37.5	<37.5	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	3.68	37.5	<37.5	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	2.39	37.5	<37.5	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	4.72	37.5	<37.5	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	3.94	37.5	<37.5	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	4.31	37.5	<37.5	ug/kg dry	3.A, 5.L
Benzene	71-43-2	2.99	37.5	<37.5	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	1.90	37.5	<37.5	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	3.20	37.5	<37.5	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	4.64	37.5	<37.5	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	3.96	37.5	<37.5	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	6.14	75.0	<75.0	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	3.44	37.5	<37.5	ug/kg dry	3.A, 5.L
Toluene	108-88-3	34.6	375	47100	ug/kg dry	3.E, 4.A, 5.L
trans-1,3-Dichloropropylene	10061-02-6	5.21	37.5	<37.5	ug/kg dry	3.A, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 09:31	Sample ID: CHST-S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-04 % Solid:66.64
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,1,2-Trichloroethane	79-00-5	4.36	37.5	<37.5	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	4.79	37.5	<37.5	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	4.96	37.5	<37.5	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	3.44	37.5	<37.5	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	4.64	37.5	<37.5	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	3.58	37.5	<37.5	ug/kg dry	3.A, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	2.81	37.5	<37.5	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	2.72	37.5	<37.5	ug/kg dry	3.A, 5.L
m,p-Xylenes	108-38-3/106-42-3	5.33	75.0	<75.0	ug/kg dry	3.A, 5.L
Styrene	100-42-5	5.27	37.5	<37.5	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	2.61	37.5	<37.5	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	6.19	37.5	<37.5	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	4.24	37.5	<37.5	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	2.34	37.5	<37.5	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	3.92	37.5	<37.5	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	3.34	37.5	<37.5	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	2.63	37.5	<37.5	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	2.57	37.5	603	ug/kg dry	3.E, 5.L
4-Ethyltoluene	622-96-8	3.32	37.5	53.1	ug/kg dry	2.B, 3.E, 5.L
4-Chlorotoluene	106-43-4	3.29	37.5	<37.5	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	2.75	37.5	<37.5	ug/kg dry	3.A, 5.L
tert-Butylbenzene	98-06-6	3.17	37.5	<37.5	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	2.93	37.5	90.4	ug/kg dry	3.E, 5.L
sec-Butylbenzene	135-98-8	2.87	37.5	<37.5	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	2.86	37.5	379	ug/kg dry	3.E, 5.L
4-Isopropyltoluene	99-87-6	2.10	37.5	1040	ug/kg dry	3.E, 5.L
1,4-Dichlorobenzene	106-46-7	2.63	37.5	593	ug/kg dry	3.E, 5.L
1,2-Dichlorobenzene	95-50-1	27.0	375	3390	ug/kg dry	3.E, 5.L
1,4-Diethylbenzene	105-05-5	2.53	37.5	104	ug/kg dry	2.B, 3.E, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 09:31	Sample ID: CHST-S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-04 % Solid:66.64
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	2.79	37.5	<37.5	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	5.58	37.5	<37.5	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	3.95	37.5	39.4	ug/kg dry	2.B, 3.E, 5.L
1,2,4-Trichlorobenzene	120-82-1	4.31	37.5	<37.5	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	3.69	37.5	<37.5	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	3.46	37.5	<37.5	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	3.28	37.5	<37.5	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	91	79.4-122	
1,2-Dichloroethane-d4	10706-07-0	95	74.4-131	
Toluene-d8	2037-26-5	101	85-123	
4-Bromofluorobenzene	460-00-4	126	82.3-134	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	105	50-200	
1,4-Difluorobenzene	540-36-3	94	50-200	
Chlorobenzene-d5	3114-55-4	88	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	65	50-200	

Date Prepared: 08/19/2015

Preparation Method: EPA 5035A-L

Date Analyzed: 08/19/2015

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 09:31	Sample ID: CHST-S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-04 % Solid:66.64
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Naphthalene	91-20-3	97.4	900	<900	ug/kg dry	3.A
Acenaphthene	83-32-9	136	900	<900	ug/kg dry	3.A
Fluorene	86-73-7	125	900	<900	ug/kg dry	3.A
Phenanthrene	85-01-8	97.1	900	<900	ug/kg dry	3.A
Anthracene	120-12-7	95.9	900	<900	ug/kg dry	3.A
Fluoranthene	206-44-0	249	900	<900	ug/kg dry	3.A
Pyrene	129-00-0	281	900	<900	ug/kg dry	3.A
Benzo(a)anthracene	56-55-3	347	900	<900	ug/kg dry	3.A
Chrysene	218-01-9	113	900	<900	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	295	900	<900	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	332	900	<900	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	349	900	<900	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	238	900	<900	ug/kg dry	3.A
Dibenzo(a,h)anthracene	53-70-3	162	900	<900	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	147	900	<900	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Nitrobenzene-d5	4165-60-0	87	31-118.25	3.E
2-Fluorobiphenyl	321-60-8	85	34.39-110.73	3.E
Terphenyl-d14	1718-51-0	95	41.02-106	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	86	50-200	
Naphthalene-d8	1146-65-2	89	50-200	
Acenaphthene-d10	15067-26-2	85	50-200	
Phenanthrene-d10	1517-22-2	84	50-200	
Chrysene-d12	1719-03-5	75	50-200	
Perylene-d12	1520-96-3	76	50-200	

Date Prepared: 08/20/2015

Preparation Method: EPA 3545 A

Date Analyzed: 08/24/2015

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 09:31	Sample ID: CHST-S
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-04 % Solid:66.64
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Arsenic	08/20/2015	EPA 6010 C	1.18	2.12	<2.12	mg/kg dry	
Barium	08/20/2015	EPA 6010 C	0.86	2.12	46.2	mg/kg dry	
Beryllium	08/20/2015	EPA 6010 C	0.75	2.12	<2.12	mg/kg dry	
Cadmium	08/20/2015	EPA 6010 C	0.24	2.12	<2.12	mg/kg dry	
Chromium	08/20/2015	EPA 6010 C	0.90	2.12	228	mg/kg dry	
Copper	08/20/2015	EPA 6010 C	0.72	2.12	87.8	mg/kg dry	
Lead	08/20/2015	EPA 6010 C	0.88	2.12	83.5	mg/kg dry	
Nickel	08/20/2015	EPA 6010 C	0.86	2.12	40.5	mg/kg dry	
Selenium	08/20/2015	EPA 6010 C	1.17	2.12	<2.12	mg/kg dry	
Silver	08/20/2015	EPA 6010 C	0.05	2.12	<2.12	mg/kg dry	

Date Prepared: 08/18/2015 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	08/19/2015	EPA 7471 B	0.003	0.02	0.05	mg/kg dry	

Date Prepared: 08/19/2015 Preparation Method: EPA 7471 B

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:09	Sample ID: CH-1N
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-05 % Solid:66.35
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	2.87	37.7	<37.7	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	3.18	37.7	<37.7	ug/kg dry	3.A, 4.J, 4.N, 5.L
Vinyl chloride	75-01-4	3.85	37.7	<37.7	ug/kg dry	3.A, 5.L
Chloroethane	75-00-3	9.19	37.7	<37.7	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	3.32	37.7	<37.7	ug/kg dry	3.A, 5.L
Acetone	67-64-1	100	377	<377	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	4.92	37.7	<37.7	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	3.75	37.7	<37.7	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	22.8	37.7	<37.7	ug/kg dry	3.A, 5.L
Methyl-tert-Butyl Ether	1634-04-4	4.33	37.7	<37.7	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	4.60	37.7	<37.7	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	3.67	37.7	<37.7	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	11.0	75.4	<75.4	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	4.20	37.7	<37.7	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	2.85	37.7	<37.7	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	3.36	37.7	<37.7	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	3.70	37.7	<37.7	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	2.40	37.7	<37.7	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	4.74	37.7	<37.7	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	3.96	37.7	<37.7	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	4.33	37.7	<37.7	ug/kg dry	3.A, 5.L
Benzene	71-43-2	3.01	37.7	<37.7	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	1.91	37.7	<37.7	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	3.22	37.7	<37.7	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	4.66	37.7	<37.7	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	3.98	37.7	<37.7	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	6.16	75.4	<75.4	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	3.46	37.7	<37.7	ug/kg dry	3.A, 5.L
Toluene	108-88-3	3.47	37.7	530	ug/kg dry	3.E, 5.L
trans-1,3-Dichloropropylene	10061-02-6	5.24	37.7	<37.7	ug/kg dry	3.A, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:09	Sample ID: CH-1N
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-05 % Solid:66.35
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,1,2-Trichloroethane	79-00-5	4.38	37.7	<37.7	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	4.82	37.7	<37.7	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	4.98	37.7	<37.7	ug/kg dry	3.A, 5.L
Tetrachloroethylene	127-18-4	3.46	37.7	<37.7	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	4.66	37.7	<37.7	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	3.59	37.7	48.5	ug/kg dry	3.E, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	2.82	37.7	<37.7	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	2.74	37.7	37.8	ug/kg dry	3.E, 5.L
m,p-Xylenes	108-38-3/106-42-3	5.36	75.4	150	ug/kg dry	3.E, 5.L
Styrene	100-42-5	5.30	37.7	<37.7	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	2.62	37.7	<37.7	ug/kg dry	3.A, 5.L
Bromoform	75-25-2	6.22	37.7	<37.7	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	4.26	37.7	<37.7	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	2.35	37.7	<37.7	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	3.94	37.7	<37.7	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	3.35	37.7	<37.7	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	2.64	37.7	<37.7	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	2.58	37.7	<37.7	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	3.34	37.7	88.2	ug/kg dry	2.B, 3.E, 5.L
4-Chlorotoluene	106-43-4	3.31	37.7	<37.7	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	2.76	37.7	56.9	ug/kg dry	3.E, 5.L
tert-Butylbenzene	98-06-6	3.19	37.7	<37.7	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	2.95	37.7	147	ug/kg dry	3.E, 5.L
sec-Butylbenzene	135-98-8	2.88	37.7	<37.7	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	2.87	37.7	74.7	ug/kg dry	3.E, 5.L
4-Isopropyltoluene	99-87-6	2.11	37.7	296	ug/kg dry	3.E, 5.L
1,4-Dichlorobenzene	106-46-7	2.65	37.7	335	ug/kg dry	3.E, 5.L
1,2-Dichlorobenzene	95-50-1	2.71	37.7	128	ug/kg dry	3.E, 5.L
1,4-Diethylbenzene	105-05-5	2.54	37.7	207	ug/kg dry	2.B, 3.E, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:09	Sample ID: CH-1N
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-05 % Solid:66.35
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	2.80	37.7	<37.7	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	5.61	37.7	<37.7	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	3.97	37.7	121	ug/kg dry	2.B, 3.E, 5.L
1,2,4-Trichlorobenzene	120-82-1	4.33	37.7	<37.7	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	3.71	37.7	40.2	ug/kg dry	3.E, 5.L
Hexachlorobutadiene	87-68-3	3.47	37.7	<37.7	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	3.29	37.7	<37.7	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	95	79.4-122	
1,2-Dichloroethane-d4	10706-07-0	93	74.4-131	
Toluene-d8	2037-26-5	104	85-123	
4-Bromofluorobenzene	460-00-4	134	82.3-134	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	112	50-200	
1,4-Difluorobenzene	540-36-3	104	50-200	
Chlorobenzene-d5	3114-55-4	92	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	60	50-200	

Date Prepared: 08/19/2015

Preparation Method: EPA 5035A-L

Date Analyzed: 08/19/2015

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:09	Sample ID: CH-1N
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-05 % Solid:66.35
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Naphthalene	91-20-3	97.8	904	<904	ug/kg dry	3.A
Acenaphthene	83-32-9	137	904	<904	ug/kg dry	3.A
Fluorene	86-73-7	126	904	<904	ug/kg dry	3.A
Phenanthrene	85-01-8	97.5	904	<904	ug/kg dry	3.A
Anthracene	120-12-7	96.3	904	<904	ug/kg dry	3.A
Fluoranthene	206-44-0	250	904	<904	ug/kg dry	3.A
Pyrene	129-00-0	282	904	<904	ug/kg dry	3.A
Benzo(a)anthracene	56-55-3	349	904	<904	ug/kg dry	3.A
Chrysene	218-01-9	113	904	<904	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	296	904	<904	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	333	904	<904	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	351	904	<904	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	239	904	<904	ug/kg dry	3.A
Dibenzo(a,h)anthracene	53-70-3	163	904	<904	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	148	904	<904	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Nitrobenzene-d5	4165-60-0	86	31-118.25	3.E
2-Fluorobiphenyl	321-60-8	79	34.39-110.73	3.E
Terphenyl-d14	1718-51-0	92	41.02-106	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	95	50-200	
Naphthalene-d8	1146-65-2	97	50-200	
Acenaphthene-d10	15067-26-2	94	50-200	
Phenanthrene-d10	1517-22-2	90	50-200	
Chrysene-d12	1719-03-5	83	50-200	
Perylene-d12	1520-96-3	82	50-200	

Date Prepared: 08/20/2015

Preparation Method: EPA 3545 A

Date Analyzed: 08/24/2015

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 11:09	Sample ID: CH-1N
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-05 % Solid:66.35
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Arsenic	08/20/2015	EPA 6010 C	1.31	2.36	4.33	mg/kg dry	
Barium	08/20/2015	EPA 6010 C	0.96	2.36	72.4	mg/kg dry	
Beryllium	08/20/2015	EPA 6010 C	0.83	2.36	<2.36	mg/kg dry	
Cadmium	08/20/2015	EPA 6010 C	0.27	2.36	<2.36	mg/kg dry	
Chromium	08/20/2015	EPA 6010 C	1.00	2.36	5.70	mg/kg dry	
Copper	08/20/2015	EPA 6010 C	8.05	23.6	1360	mg/kg dry	3.E
Lead	08/20/2015	EPA 6010 C	0.97	2.36	56.9	mg/kg dry	
Nickel	08/20/2015	EPA 6010 C	0.96	2.36	12.2	mg/kg dry	
Selenium	08/20/2015	EPA 6010 C	1.30	2.36	<2.36	mg/kg dry	
Silver	08/20/2015	EPA 6010 C	0.06	2.36	7.71	mg/kg dry	

Date Prepared: 08/18/2015 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	08/19/2015	EPA 7471 B	0.10	0.71	4.52	mg/kg dry	3.E

Date Prepared: 08/19/2015 Preparation Method: EPA 7471 B

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:46	Sample ID: CHST-N2
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-06 % Solid:30.18
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Dichlorodifluoromethane	75-71-8	12.6	166	<166	ug/kg dry	3.A, 5.L
Chloromethane	74-87-3	14.0	166	<166	ug/kg dry	3.A, 4.J, 4.N, 5.L
Vinyl chloride	75-01-4	16.9	166	<166	ug/kg dry	3.A, 5.L
Chloroethane	75-00-3	40.4	166	<166	ug/kg dry	3.A, 5.L
Trichlorofluoromethane	75-69-4	14.6	166	<166	ug/kg dry	3.A, 5.L
Acetone	67-64-1	441	1660	<1660	ug/kg dry	3.A, 5.L
1,1-Dichloroethylene	75-35-4	21.6	166	<166	ug/kg dry	3.A, 5.L
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	16.5	166	<166	ug/kg dry	3.A, 5.L
Methylene Chloride	75-09-2	100	166	<166	ug/kg dry	3.A, 5.L
Methyl-tert-Butyl Ether	1634-04-4	19.1	166	<166	ug/kg dry	3.A, 5.L
trans-1,2-Dichloroethylene	156-60-5	20.2	166	<166	ug/kg dry	3.A, 5.L
1,1-Dichloroethane	75-34-3	16.1	166	<166	ug/kg dry	3.A, 5.L
Methyl Ethyl Ketone (2-Butanone)	78-93-3	48.4	331	<331	ug/kg dry	3.A, 5.L
cis-1,2-Dichloroethylene	156-59-2	18.5	166	<166	ug/kg dry	3.A, 5.L
2,2-Dichloropropane	594-20-7	12.5	166	<166	ug/kg dry	3.A, 5.L
Bromochloromethane	74-97-5	14.8	166	<166	ug/kg dry	3.A, 5.L
Chloroform	67-66-3	16.3	166	<166	ug/kg dry	3.A, 5.L
1,1,1-Trichloroethane	71-55-6	10.5	166	<166	ug/kg dry	3.A, 5.L
1,2-Dichloroethane	107-06-2	20.8	166	<166	ug/kg dry	3.A, 5.L
1,1-Dichloropropylene	563-58-6	17.4	166	<166	ug/kg dry	3.A, 5.L
Carbon Tetrachloride	56-23-5	19.1	166	<166	ug/kg dry	3.A, 5.L
Benzene	71-43-2	13.2	166	<166	ug/kg dry	3.A, 5.L
Trichloroethylene	79-01-6	8.38	166	<166	ug/kg dry	3.A, 5.L
1,2-Dichloropropane	78-87-5	14.1	166	<166	ug/kg dry	3.A, 5.L
Dibromomethane	74-95-3	20.5	166	<166	ug/kg dry	3.A, 5.L
Bromodichloromethane	75-27-4	17.5	166	<166	ug/kg dry	3.A, 5.L
4-Methyl-2-Pentanone	108-10-1	27.1	331	<331	ug/kg dry	3.A, 5.L
cis-1,3-Dichloropropylene	10061-01-5	15.2	166	<166	ug/kg dry	3.A, 5.L
Toluene	108-88-3	15.3	166	1650	ug/kg dry	3.E, 5.L
trans-1,3-Dichloropropylene	10061-02-6	23.0	166	<166	ug/kg dry	3.A, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:46	Sample ID: CHST-N2
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-06 % Solid:30.18
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
1,1,2-Trichloroethane	79-00-5	19.3	166	<166	ug/kg dry	3.A, 5.L
1,3-Dichloropropane	142-28-9	21.2	166	<166	ug/kg dry	3.A, 5.L
Dibromochloromethane	124-48-1	21.9	166	<166	ug/kg dry	5.L, 3.A
Tetrachloroethylene	127-18-4	15.2	166	<166	ug/kg dry	3.A, 5.L
1,2-Dibromoethane	106-93-4	20.5	166	<166	ug/kg dry	3.A, 5.L
Chlorobenzene	108-90-7	15.8	166	1800	ug/kg dry	3.E, 5.L
1,1,1,2-Tetrachloroethane	630-20-6	12.4	166	<166	ug/kg dry	3.A, 5.L
Ethylbenzene	100-41-4	12.0	166	200	ug/kg dry	3.E, 5.L
m,p-Xylenes	108-38-3/106-42-3	23.6	331	809	ug/kg dry	3.E, 5.L
Styrene	100-42-5	23.3	166	<166	ug/kg dry	3.A, 5.L
o-Xylene	95-47-6	11.5	166	188	ug/kg dry	3.E, 5.L
Bromoform	75-25-2	27.3	166	<166	ug/kg dry	3.A, 5.L
1,1,2,2-Tetrachloroethane	79-34-5	18.7	166	<166	ug/kg dry	3.A, 5.L
Isopropylbenzene (Cumene)	98-82-8	10.3	166	<166	ug/kg dry	3.A, 5.L
1,2,3-Trichloropropane	96-18-4	17.3	166	<166	ug/kg dry	3.A, 5.L
Bromobenzene	108-86-1	14.7	166	<166	ug/kg dry	3.A, 5.L
n-Propylbenzene	103-65-1	11.6	166	<166	ug/kg dry	3.A, 5.L
2-Chlorotoluene	95-49-8	11.3	166	<166	ug/kg dry	3.A, 5.L
4-Ethyltoluene	622-96-8	14.7	166	182	ug/kg dry	2.B, 3.E, 5.L
4-Chlorotoluene	106-43-4	14.5	166	<166	ug/kg dry	3.A, 5.L
1,3,5-Trimethylbenzene	108-67-8	12.1	166	179	ug/kg dry	3.E, 5.L
tert-Butylbenzene	98-06-6	14.0	166	<166	ug/kg dry	3.A, 5.L
1,2,4-Trimethylbenzene	95-63-6	13.0	166	459	ug/kg dry	3.E, 5.L
sec-Butylbenzene	135-98-8	12.7	166	<166	ug/kg dry	3.A, 5.L
1,3-Dichlorobenzene	541-73-1	12.6	166	<166	ug/kg dry	3.A, 5.L
4-Isopropyltoluene	99-87-6	9.28	166	<166	ug/kg dry	3.A, 5.L
1,4-Dichlorobenzene	106-46-7	11.6	166	790	ug/kg dry	3.E, 5.L
1,2-Dichlorobenzene	95-50-1	11.9	166	<166	ug/kg dry	3.A, 5.L
1,4-Diethylbenzene	105-05-5	11.2	166	447	ug/kg dry	2.B, 3.E, 5.L

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:46	Sample ID: CHST-N2
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-06 % Solid:30.18
Matrix: Soil	ELAP: #11693

Volatiles Low Level Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
n-Butylbenzene	104-51-8	12.3	166	<166	ug/kg dry	3.A, 5.L
1,2-Dibromo-3-chloropropane	96-12-8	24.7	166	<166	ug/kg dry	3.A, 5.L
1,2,4,5-Tetramethylbenzene	95-93-2	17.5	166	<166	ug/kg dry	2.B, 3.A, 5.L
1,2,4-Trichlorobenzene	120-82-1	19.0	166	<166	ug/kg dry	3.A, 5.L
Naphthalene	91-20-3	16.3	166	<166	ug/kg dry	3.A, 5.L
Hexachlorobutadiene	87-68-3	15.3	166	<166	ug/kg dry	3.A, 5.L
1,2,3-Trichlorobenzene	87-61-6	14.5	166	<166	ug/kg dry	3.A, 5.L

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Dibromofluoromethane	1868-53-7	92	79.4-122	
1,2-Dichloroethane-d4	10706-07-0	93	74.4-131	
Toluene-d8	2037-26-5	100	85-123	
4-Bromofluorobenzene	460-00-4	109	82.3-134	

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
Pentafluorobenzene	363-72-4	118	50-200	
1,4-Difluorobenzene	540-36-3	108	50-200	
Chlorobenzene-d5	3114-55-4	104	50-200	
1,4-Dichlorobenzene-d4	3855-82-1	93	50-200	

Date Prepared: 08/19/2015

Preparation Method: EPA 5035A-L

Date Analyzed: 08/19/2015

Analytical Method: EPA 8260 C

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:46	Sample ID: CHST-N2
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-06 % Solid:30.18
Matrix: Soil	ELAP: #11693

Semivolatile Analysis

Parameter	CAS No.	MDL	LOQ	Result	Units	Flag
Naphthalene	91-20-3	215	1990	<1990	ug/kg dry	3.A
Acenaphthene	83-32-9	300	1990	<1990	ug/kg dry	3.A
Fluorene	86-73-7	276	1990	<1990	ug/kg dry	3.A
Phenanthrene	85-01-8	214	1990	<1990	ug/kg dry	3.A
Anthracene	120-12-7	212	1990	<1990	ug/kg dry	3.A
Fluoranthene	206-44-0	549	1990	<1990	ug/kg dry	3.A
Pyrene	129-00-0	620	1990	<1990	ug/kg dry	3.A
Benzo(a)anthracene	56-55-3	766	1990	<1990	ug/kg dry	3.A
Chrysene	218-01-9	249	1990	<1990	ug/kg dry	3.A
Benzo(b)fluoranthene	205-99-2	652	1990	<1990	ug/kg dry	3.A
Benzo(k)fluoranthene	207-08-9	732	1990	<1990	ug/kg dry	3.A
Benzo(a)pyrene	50-32-8	771	1990	<1990	ug/kg dry	3.A
Indeno(1,2,3-cd)pyrene	193-39-5	526	1990	<1990	ug/kg dry	3.A
Dibenzo(a,h)anthracene	53-70-3	359	1990	<1990	ug/kg dry	3.A
Benzo(g,h,i)perylene	191-24-2	324	1990	<1990	ug/kg dry	3.A

Surrogate	CAS No.	% Recovery	Rec. Limits	Flag
Nitrobenzene-d5	4165-60-0	89	31-118.25	3.E
2-Fluorobiphenyl	321-60-8	75	34.39-110.73	3.E
Terphenyl-d14	1718-51-0	94	41.02-106	3.E

Internal Standard	CAS No.	% Recovery	Rec. Limits	Flag
1,4-Dichlorobenzene-d4	3855-82-1	90	50-200	
Naphthalene-d8	1146-65-2	92	50-200	
Acenaphthene-d10	15067-26-2	88	50-200	
Phenanthrene-d10	1517-22-2	86	50-200	
Chrysene-d12	1719-03-5	77	50-200	
Perylene-d12	1520-96-3	76	50-200	

Date Prepared: 08/20/2015

Preparation Method: EPA 3545 A

Date Analyzed: 08/24/2015

Analytical Method: EPA 8270 D

Client: Nelson, Pope & Voorhis	Client ID: Indian Hills Country Club Northport
Date (Time) Collected: 08/17/2015 10:46	Sample ID: CHST-N2
Date (Time) Received: 08/18/2015 09:58	Laboratory ID: 5081801-06 % Solid:30.18
Matrix: Soil	ELAP: #11693

Total Metals Analysis

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Arsenic	08/20/2015	EPA 6010 C	3.02	5.43	12.4	mg/kg dry	
Barium	08/20/2015	EPA 6010 C	2.21	5.43	206	mg/kg dry	
Beryllium	08/20/2015	EPA 6010 C	1.92	5.43	<5.43	mg/kg dry	
Cadmium	08/20/2015	EPA 6010 C	0.62	5.43	9.76	mg/kg dry	
Chromium	08/20/2015	EPA 6010 C	2.31	5.43	64.6	mg/kg dry	
Copper	08/20/2015	EPA 6010 C	18.5	54.3	7520	mg/kg dry	3.E
Lead	08/20/2015	EPA 6010 C	2.24	5.43	372	mg/kg dry	
Nickel	08/20/2015	EPA 6010 C	2.21	5.43	36.2	mg/kg dry	
Selenium	08/20/2015	EPA 6010 C	2.99	5.43	<5.43	mg/kg dry	
Silver	08/20/2015	EPA 6010 C	0.13	5.43	30.9	mg/kg dry	

Date Prepared: 08/18/2015 Preparation Method: EPA 3050B

Parameter	Date Analyzed	Method	MDL	LOQ	Result	Units	Flag
Mercury	08/19/2015	EPA 7471 B	0.24	1.77	12.2	mg/kg dry	3.E

Date Prepared: 08/19/2015 Preparation Method: EPA 7471 B

Data Qualifiers Key Reference:

2.B	Parameter not certifiable by ELAP.
3.A	Minimum detection limit raised due to matrix interfernce.
3.E	Compound reported at a dilution factor.
4.A	Estimated concentration, exceeds calibration range.
4.J	Continuing Calibration Verification (CCV) quality control levels low, values are considered to be estimated.
4.K	Continuing Calibration Verification (CCV) quality control levels high, values are considered to be estimated.
4.L	Surrogate recovery is outside the acceptance criteria.
4.N	LCS recovery was below QC acceptance limit.
4.X	Sample concentration is estimated due to non-target analyte inteference.
5.L	Results may be biased low due to the sample not being collected according to 5035A-L/5035A-H low level specifications.
MDL	Minimum Detection Limit
LOQ	Limit of Quantitation

LONG ISLAND ANALYTICAL LABORATORIES INC.
"TOMORROWS ANALYTICAL SOLUTIONS TODAY"
110 Colin Drive • Holbrook, New York 11741 • Phone (631) 472-3400 • Fax (631) 472-8505 • Email: LIAL@lialine.com

CHAIN OF CUSTODY / REQUEST FOR ANALYSIS DOCUMENT

5081801

CLIENT NAME/ADDRESS: NPV 572 Walt Whitman Rd Melville, NY 11747

CONTACT: S. McGinn
PHONE: 427-5605
FAX: 427-5620
EMAIL:

PROJECT LOCATION: Indian Hills Country Club, Northport

SAMPLER (SIGNATURE):
SAMPLER NAME (PRINT): Steven J. McGinn

SAMPLE(S) SEALED: YES / NO
CORRECT CONTAINER(S): YES / NO

SAMPLES RECEIVED AT: 1.7 °C

TERMS & CONDITIONS: Accounts are payable in full within thirty days, outstanding balances accrue service charges of 1.5% per month. Tendering of samples to LIAL for analytical testing constitutes agreement by buyer/sampler to LIAL's Standard terms

LABORATORY ID # (For Laboratory Use Only)	MATRIX	TYPE	pH	RES. CHLORINE	PRES.	DATE	TIME	SAMPLE # / LOCATION	ANALYSIS REQUIRED: SOP 9-95	# OF CONTAINERS
1. 5081801-01	S	G			1	8/18/15	10:21	CH-1S	X	2
2. 02					1		11:32	HVH-ST	X	2
3. 03					1		3:08	MBEP-1	X	2
4. 04					1		9:31	CHST-S	X	2
5. 05					1		11:09	CH-1N	X	2
6. 06					1		10:46	CHST-N2	X	2
7.										
8.										
9.										
10.										
11.										
12.										
13.										
14.										

MATRIX: S=SOIL; SL=SLUDGE; DW=DRINKING WATER; A=AIR; W=WIPE; PC=PAINT CHIPS; BM= BULK MATERIAL, O=OIL, WW=WASTE WATER
TYPE: G=GRAB; C=COMPOSITE; SS=SPLIT SPOON
PRES: (1) ICE; (2) HCL; (3) H_2SO_4; (4) NAOH; (5) $NA_2S_2O_3$; (6) HNO_3; (7) OTHER

TURNAROUND REQUIRED: ☑ NORMAL ☐ STAT
BY / /

COMMENTS / INSTRUCTIONS

RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY (SIGNATURE)	DATE / TIME	PRINTED NAME
	8/18/15 1:45	Steven J. McGinn		8/18/15 7:45	M. Verardi
RELINQUISHED BY (SIGNATURE)	DATE / TIME	PRINTED NAME	RECEIVED BY SAMPLE CUSTODIAN	DATE 8-18-15 TIME 9:57AM	PRINTED NAME Ben Lamberson

WHITE - OFFICE / CANARY - SAMPLE CUSTODIAN / PINK - CLIENT

AARCO Environmental Services Corp.

HORNER EZY CHECK II

OWNER OR DEALER Indian Hills Country Club

ADDRESS 21 Breeze Hill Rd

CITY AND STATE Northport, NY

TANK INFORMATION

CAPACITY (NOMINAL) 1500

CAPACITY (CHART) 1500

NUMBER OF GALLONS ADDED 5

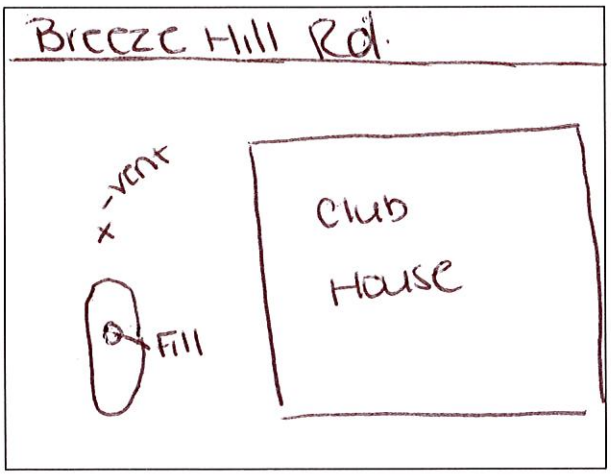
TOTAL CAPACITY 1505

CONTENTS (PRODUCT) #2 Fuel Oil CALIBRATION NUMBER 363

MONITOR MODE RESULTS

TIME	RESULT	CI
0050	-0.017	+/-0.003
0107	-0.021	+/-0.002

TANK LAYOUT



COEFFICIENT CALCULATIONS

MEASURED API GRAVITY 37

PRODUCT TEMPERATURE 53

API SPECIFIC GRAVITY @ 60 F. 37.5 (FROM TABLE A)

COEFFICIENT OF EXPANSION 472 (FROM TABLE B)

50 Gear Avenue, Lindenhurst, NY 11757 Phone (631) 586-5900 Fax (631) 586-5910

AARCO Environmental Services Corp.

HORNER EZY CHECK II TEST LOG

SITE ARRIVAL TIME 6:15 am

ONSITE CONTACT Bob

TIME OF PRODUCT DELIVERY 2 Day Prior

AMOUNT OF PRODUCT TO TOP OFF 3 gal

TIME OF EQUIPMENT SET UP 7:00 am

CHANGES TO TANK SYSTEM None

ESTIMATED AMOUNT OF PRODUCT TO MAINTAIN TEST LEVEL 5 gal

TIME OF .4 PSI DROP 8:30 am

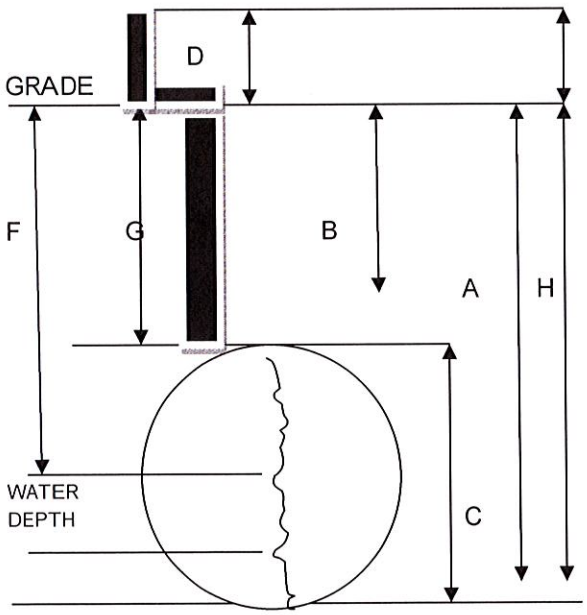
TIME OF CALIBRATION 9:30 am

TIME OF TEST COMPLETION 11:30 am

DEPTH OF WATER TABLE Below Tank Bottom EZY Stick

REMARKS Tank passed test at +/-0.011 GPH +/-0.001

OPERATOR John Bonanno



A. Tank Bot. to grade 81.5 "

B. Tank top to grade 33.5 "

C. Tank Diameter 48 "

D. Test level above grade 72 "

E. Depth of water in tank 0 "

F. Depth for taking sample 57.5 "

G. Temp probe depth (connector) 39.5 "

H. Test level to tank bottom 153.5 "

I. Groundwater above tank bot. 0 "

J. Product pressure per 1" height .031 PSI

Test Pressure Formula

(153.5 x .031) – (0 x .036) = 4.8 PSI

50 Gear Avenue, Lindenhurst, NY 11757 Phone (631) 586-5900 Fax (631) 586-5910

TIME	TANK 1 CAPACITY CHANGE GALLONS VOLUME	TEMP.	NET	RATE GPH	TANK 2 CAPACITY CHANGE GALLONS VOLUME	TEMP.	NET	RATE GPH
00:30	+0.0000	+0.0000	+0.0000	+0.000				
00:31	+0.0000	-0.0000	+0.0001	+0.007				
00:32	+0.000000	-0.000000	+0.000000	+0.00065				

Printer Issues

Date + Time wrong on Computer

5/29/15 JB

INDIAN HILLS CC
21 BREEZE HILL RD
NORTHPORT NORTHPORT NY
DATE: ~~12/24/00~~ 5/29/15 TIME: 00:32
FUEL TYPE: 2 FUEL OIL
CAPACITY TANK 1: 1505 GALLONS
TEST CRITERIA: +0.00 GPH TO +0.00 GPH
TEMPERATURE COEFFICIENT: 472 ppm/deg F
RELATIVE FUEL TEMPERATURE 51.35 deg F
VOLUME CHANGE PER DEG F: 0.71 GALLONS

TANK TESTER VER 2.01

TIME	TANK 1 CAPACITY CHANGE GALLONS VOLUME	TEMP.	NET	RATE GPH	TANK 2 CAPACITY CHANGE GALLONS VOLUME	TEMP.	NET	RATE GPH
00:33	+0.000000	+0.000000	+0.000000	+0.00000				
00:33	-0.000003	+0.000000	-0.000003	-0.00037				
00:34	-0.0005	-0.0000	-0.0005	-0.043				
00:34	-0.0005	-0.0000	-0.0005	-0.045				
00:35	-0.0002	-0.0000	-0.0002	-0.042				
00:36	-0.0006	-0.0000	-0.0006	-0.043				
00:36	-0.0008	-0.0000	-0.0008	-0.048				
00:37	-0.0009	-0.0000	-0.0009	-0.055				
00:37	-0.0008	-0.0000	-0.0008	-0.059				
00:38	+0.0002	-0.0000	+0.0002	-0.057				
00:38	-0.0002	-0.0000	-0.0002	-0.054				
00:39	+0.0001	-0.0000	+0.0001	-0.050				
00:39	+0.0003	-0.0000	+0.0003	-0.044				
00:40	+0.0001	-0.0000	+0.0001	-0.040				
00:41	+0.0003	-0.0000	+0.0003	-0.035				
00:41	+0.0001	-0.0000	+0.0001	-0.030				
00:42	-0.0002	-0.0000	-0.0002	-0.027				
00:42	-0.0004	-0.0000	-0.0004	-0.025				
00:43	-0.0003	-0.0000	-0.0003	-0.024				
00:43	+0.0000	-0.0000	+0.0000	-0.023				
00:44	-0.0001	-0.0000	-0.0001	-0.022				
00:44	+0.0001	-0.0000	+0.0001	-0.020				
00:45	-0.0000	-0.0000	-0.0000	-0.019				
00:46	-0.0004	-0.0000	-0.0004	-0.019				
00:46	-0.0007	-0.0000	-0.0007	-0.019				
00:47	-0.0004	-0.0000	-0.0004	-0.019				
00:47	+0.0001	-0.0000	+0.0001	-0.019				
00:48	+0.0000	-0.0000	+0.0000	-0.018				
00:48	+0.0001	-0.0000	+0.0001	-0.018				
00:49	+0.0001	-0.0000	+0.0001	-0.017				
00:50	-0.0001	-0.0000	-0.0001	-0.017				
00:50	+0.0000	+0.0000	+0.0000	+0.000				
00:51	+0.0002	-0.0000	+0.0002	+0.023				
00:51	-0.0000	-0.0000	-0.0000	+0.011				
00:52	+0.0003	-0.0000	+0.0003	+0.016				

mon #1

01:26	-0.0000	-0.0000	-0.0000	+0.013
01:27	+0.0005	-0.0000	+0.0005	+0.014
01:28	-0.0001	-0.0000	-0.0001	+0.014
01:28	-0.0001	-0.0000	-0.0001	+0.014
01:29	+0.0000	-0.0000	+0.0000	+0.014
01:29	+0.0007	-0.0000	+0.0007	+0.015
01:30	+0.0002	-0.0000	+0.0002	+0.015
01:30	-0.0000	-0.0000	-0.0000	+0.015
01:31	-0.0001	-0.0000	-0.0001	+0.015
01:32	-0.0001	-0.0000	-0.0001	+0.015
01:32	+0.0006	-0.0000	+0.0006	+0.015
01:33	+0.0007	-0.0000	+0.0007	+0.016
01:33	+0.0003	-0.0000	+0.0003	+0.016
01:34	-0.0002	-0.0000	-0.0002	+0.016
01:34	-0.0003	-0.0000	-0.0003	+0.016
01:35	+0.0000	-0.0000	+0.0000	+0.016
01:35	+0.0002	-0.0000	+0.0002	+0.016
01:36	+0.0001	-0.0000	+0.0001	+0.016
01:37	-0.0003	-0.0000	-0.0003	+0.016
01:37	-0.0002	-0.0000	-0.0002	+0.016
01:38	-0.0001	-0.0000	-0.0001	+0.016
01:38	-0.0002	-0.0000	-0.0002	+0.016
01:39	+0.0001	-0.0000	+0.0001	+0.015
01:39	+0.0002	-0.0000	+0.0002	+0.015
01:40	+0.0005	-0.0000	+0.0005	+0.015
01:40	+0.0004	-0.0000	+0.0004	+0.015
01:41	+0.0001	-0.0000	+0.0001	+0.015

VOLUME RATE OF CHANGE 0.015 GPH
95 % CONFIDENCE INTERVAL: +/-0.001 GPH
RELATIVE FUEL TEMPERATURE: 51.34 deg F

01:42	+0.0002	-0.0000	+0.0002	+0.015
01:42	+0.0004	-0.0000	+0.0004	+0.015
01:43	+0.0005	-0.0000	+0.0005	+0.015
01:43	+0.0003	-0.0000	+0.0003	+0.015
01:44	+0.0004	-0.0000	+0.0004	+0.015
01:44	+0.0003	-0.0000	+0.0003	+0.015
01:45	+0.0004	-0.0000	+0.0004	+0.015
01:46	+0.0004	-0.0000	+0.0004	+0.016
01:46	+0.0004	-0.0000	+0.0004	+0.016
01:47	+0.0001	-0.0000	+0.0001	+0.016
01:47	-0.0004	-0.0000	-0.0003	+0.016
01:48	+0.0000	-0.0000	+0.0000	+0.016
01:48	-0.0002	-0.0000	-0.0002	+0.016
01:49	+0.0001	-0.0000	+0.0001	+0.016
01:49	-0.0001	-0.0000	-0.0000	+0.016
01:50	-0.0005	-0.0000	-0.0005	+0.016
01:51	+0.0002	-0.0000	+0.0002	+0.016
01:51	+0.0003	-0.0000	+0.0003	+0.016
01:52	+0.0000	-0.0000	+0.0000	+0.016
01:52	-0.0003	-0.0000	-0.0003	+0.016
01:53	+0.0002	-0.0000	+0.0002	+0.016
01:53	+0.0004	-0.0000	+0.0004	+0.016
01:54	+0.0000	-0.0000	+0.0000	+0.016
01:54	-0.0002	-0.0000	-0.0002	+0.016
01:55	-0.0002	-0.0000	-0.0002	+0.015
01:56	+0.0002	+0.0000	+0.0002	+0.015
01:56	+0.0000	-0.0000	+0.0000	+0.015
01:57	-0.0001	-0.0000	-0.0001	+0.015

00:53	+0.0003	-0.0000	+0.0003	+0.017
00:53	+0.0001	-0.0000	+0.0001	+0.017
00:54	-0.0004	-0.0000	-0.0004	+0.013
00:55	-0.0001	-0.0000	-0.0001	+0.009
00:55	-0.0002	-0.0000	-0.0002	+0.006
00:56	+0.0002	-0.0000	+0.0002	+0.005
00:56	-0.0002	-0.0000	-0.0002	+0.003
00:57	-0.0006	-0.0000	-0.0006	+0.000
00:57	-0.0006	-0.0000	-0.0006	-0.003
00:58	-0.0005	-0.0000	-0.0005	-0.007
00:58	-0.0005	-0.0000	-0.0005	-0.010
00:59	+0.0002	-0.0000	+0.0002	-0.012
01:00	-0.0005	-0.0000	-0.0005	-0.014
01:00	+0.0003	-0.0000	+0.0003	-0.015
01:01	-0.0003	-0.0000	-0.0003	-0.015
01:01	-0.0004	-0.0000	-0.0004	-0.016
01:02	-0.0005	-0.0000	-0.0005	-0.018
01:02	-0.0004	-0.0000	-0.0004	-0.019
01:03	-0.0000	+0.0000	-0.0000	-0.019
01:04	-0.0002	-0.0000	-0.0002	-0.020
01:04	+0.0001	-0.0000	+0.0001	-0.020
01:05	-0.0003	-0.0000	-0.0003	-0.020
01:05	-0.0004	-0.0000	-0.0004	-0.021
01:06	-0.0002	-0.0000	-0.0002	-0.021
01:06	-0.0002	-0.0000	-0.0001	-0.021
01:07	-0.0001	-0.0000	-0.0001	-0.021
01:07	+0.0000	+0.0000	+0.0000	+0.000
01:08	+0.0000	+0.0000	+0.0000	+0.000*
01:09	-0.0001	-0.0000	-0.0001	-0.012
01:09	-0.0001	-0.0000	-0.0001	-0.013
01:10	+0.0005	-0.0000	+0.0005	+0.005
01:10	+0.0005	-0.0000	+0.0005	+0.019
01:11	-0.0002	+0.0000	-0.0002	+0.017
01:11	+0.0006	-0.0000	+0.0006	+0.022
01:12	+0.0001	-0.0000	+0.0001	+0.023
01:12	+0.0000	-0.0000	+0.0000	+0.022
01:13	-0.0002	-0.0000	-0.0002	+0.020
01:14	-0.0001	-0.0000	-0.0001	+0.017
01:14	-0.0001	-0.0000	-0.0001	+0.014
01:15	-0.0000	-0.0000	-0.0000	+0.012
01:15	+0.0003	-0.0000	+0.0003	+0.011
01:16	-0.0001	-0.0000	-0.0000	+0.010
01:16	+0.0000	+0.0000	-0.0000	+0.009
01:17	+0.0004	-0.0000	+0.0004	+0.009
01:18	-0.0001	-0.0000	-0.0001	+0.009
01:18	-0.0001	-0.0000	-0.0001	+0.008
01:19	-0.0001	-0.0000	-0.0001	+0.008
01:19	+0.0002	-0.0000	+0.0002	+0.008
01:20	+0.0000	-0.0000	+0.0000	+0.007
01:20	+0.0006	-0.0000	+0.0006	+0.008
01:21	+0.0003	-0.0000	+0.0003	+0.009
01:21	-0.0001	-0.0000	-0.0000	+0.009
01:22	+0.0000	-0.0000	+0.0001	+0.009
01:23	+0.0005	-0.0000	+0.0005	+0.010
01:23	-0.0001	-0.0000	-0.0001	+0.010
01:24	+0.0000	-0.0000	+0.0000	+0.010
01:24	+0.0006	-0.0000	+0.0006	+0.011
01:25	+0.0005	-0.0000	+0.0005	+0.012
01:25	+0.0005	-0.0000	+0.0006	+0.013

mon # 2

start Test

01:58 +0.0003 +0.0000 +0.0003 +0.015
VOLUME RATE OF CHANGE 0.015 GPH
95 % CONFIDENCE INTERVAL: +/-0.001 GPH
RELATIVE FUEL TEMPERATURE: 51.34 deg F

01:58	-0.0000	+0.0000	-0.0001	+0.015
01:59	-0.0006	-0.0000	-0.0006	+0.015
02:00	-0.0004	-0.0000	-0.0004	+0.015
02:00	-0.0004	-0.0000	-0.0004	+0.014
02:01	+0.0006	-0.0000	+0.0007	+0.014
02:01	+0.0003	+0.0000	+0.0003	+0.014
02:02	-0.0004	+0.0000	-0.0004	+0.014
02:02	+0.0002	-0.0000	+0.0002	+0.014
02:03	-0.0000	-0.0000	-0.0000	+0.014
02:03	-0.0004	-0.0000	-0.0004	+0.013
02:04	-0.0002	+0.0000	-0.0002	+0.013
02:05	+0.0002	-0.0000	+0.0002	+0.013
02:05	+0.0003	+0.0000	+0.0003	+0.013
02:06	-0.0000	-0.0000	-0.0000	+0.013
02:06	-0.0001	+0.0000	-0.0001	+0.013
02:07	+0.0001	-0.0000	+0.0001	+0.013
02:07	+0.0002	+0.0000	+0.0002	+0.012
02:08	+0.0001	-0.0000	+0.0001	+0.012
02:08	-0.0003	+0.0000	-0.0003	+0.012
02:09	-0.0003	-0.0000	-0.0003	+0.012
02:10	+0.0000	+0.0000	+0.0000	+0.012
02:10	+0.0004	+0.0000	+0.0004	+0.012
02:11	+0.0001	-0.0000	+0.0001	+0.012
02:11	-0.0003	+0.0000	-0.0003	+0.012
02:12	-0.0003	+0.0000	-0.0003	+0.011
02:12	-0.0003	-0.0000	-0.0003	+0.011
02:13	-0.0001	-0.0000	-0.0001	+0.011
02:14	+0.0002	-0.0000	+0.0002	+0.011
02:14	+0.0001	+0.0000	+0.0001	+0.011
02:15	+0.0001	+0.0000	+0.0001	+0.011

- End Test

VOLUME RATE OF CHANGE 0.011 GPH
95 % CONFIDENCE INTERVAL: +/-0.001 GPH
RELATIVE FUEL TEMPERATURE: 51.34 deg F

INDIAN HILLS CC
21 BREEZE HILL RD
NORTHPORT NY
TANK TESTER VER 2.01
FUEL TYPE: 2 FUEL OIL
CAPACITY TANK 1: 1505 GALLONS
TEMPERATURE COEFFICIENT: 472 ppm/deg F
TEST CRITERIA: +0.000 GPH TO +0.000 GPH

5/29/15 JB.
~~12/24/00~~ TEST TIME FROM 01:08 TO 02:15
DATA ANALYSIS INDICATES:

A GROSS VOLUME CHANGE OF:	+0.009 GALLONS
A VOLUME CHANGE DUE TO TEMPERATURE OF:	-0.001 GALLONS
A LIQUID VOLUME RATE OF CHANGE OF:	+0.011 GPH
WITH A 95 % CONFIDENCE INTERVAL OF:	+/-0.001 GPH
	(+0.011 TO +0.010 GPH)

TESTER. John Brun.....

CUSTOMER.....