REMEDIAL INVESTIGATION REPORT 48 SEWEL STREET HEMPSTEAD, NEW YORK 11550

CASE NO: C130143

PREPARED FOR:

CHAMP CONSTRUCTION CORPORATION
44 MADISON AVENUE
HEMPSTEAD, NEW YORK 11550

SUBMITTED TO:



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION ALBANY, NEW YORK 12233

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1.0 INTRODUCTION

The Site Investigation and Interim Remedial Measure (IRM) work plan dated April 2006 was prepared by Berninger Environmental, Inc. Prior to the approval of the Interim Remedial Measure, Preferred Environmental Services was retained to monitor and sample the existing on-site monitoring wells. The monitoring activities, including the implementation of the injection of Metal Reducing Compound (MRC) continued under the supervision of Preferred Environmental Services up until mid June 2008.

In 2008, CES Environmental Services was retained by Champ Construction Corporation to complete the remaining tasks listed in the IRM work plan. The scope of work included, collection of soil samples and analysis for disposal purposes, excavation of the known impacted area and collection of soil end-point samples to define the depth of the clean zone, delineation of the extent of groundwater contamination by installation of additional monitoring wells and geoprobe points, collection of groundwater samples and analysis and preparation of the final report to document all field activities including soil and groundwater sampling results.

Additional groundwater delineation was initiated by CES Environmental Services on October 24, 2009 and was completed on October 25, 2009. A total of five additional, one replacement monitoring wells and four geoprobe points were installed at the site. All onsite monitoring wells and geoprobe points were sampled between November 26 and 28, 2009 and the groundwater samples submitted for analysis.

Soil excavation of the delineated area and collection of soil end-point samples were started from November 16, 2009 and were completed on November 18, 2009. The soil samples were submitted for analysis.

2.0 SITE DESCRIPTION AND HISTORY

The site is located at 48 Sewel Street, at the intersection of Mirschel and Sewel Streets, Hempstead Village, New York and was formerly known as Husslein Plating Corporation and former Semke bus garage and later was used as a storage place for trucks and other materials. The site is designated in the Nassau County tax map as block 6381 and lots 21 through 28 and measured approximately 15,000 square feet.

Initial usage of the site was by Semke Bus Company from on or about 1945 to 1972. The site was occupied by Husslein Plating Corporation from 1972 to 1995. The activities performed at the site during the time of Husslein Plating Corporation included stragthening and plating of steel automobile bumpers. The byproducts of the operations at the site were mainly chromium (Cr) and nickel (Ni).

According to the New York State Department of Environmental Conservation (NYSDEC) records, a spill occurred at the site in 1995 and as a result a spill number 04-5991 was assigned to the site. After the investigation of the spill by NYSDEC, it was determined that soil and groundwater at the site were impacted with predominantly chromium and nickel and to a lesser extent by arsenic, mercury, zinc, and copper. An interim remedial measure to treat groundwater using Metal Remediation Compounds (MRC) was proposed and initiated in 2005.

Potable water supply at the site was provided by the Village of Hempstead. Two public supply water wells were identified within the vicinity of the site, but their respective distances and up-gradient locations precluded them from any potential impact from the site.

3.0 SUMMARY OF PAST REMEDIAL INVESTIGATIONS

Following NYSDEC investigations, Phases I and II environmental Assessment reports for the site dated October 16, 2000 and April 9, 2001 were prepared by Kosuri Engineering and Consulting, P.C. The assessment reports revealed that a 1995 fire that occurred at the site led to the spill of approximately 400 gallons of nickel solution. The spill was remediated and approximately six drums of impacted soils were excavated and removed and confirmatory soil end-point samples collected and analyzed. The spill incident was eventually closed.

The Phase II report indicated the presence of volatile organics in excess of regulatory guidance value in soil sample SP-9 at 4-6 feet below grade. Metals, mostly nickel, iron, manganese, and chromium were detected in most of the soil samples, with highest concentrations in soil samples SP-6, SP-8, pit No.1 and pit No.2.

The highest levels of nickel in groundwater were noted in GWP-3, GWP-4, GWP-5, and GWP-6. Elevated chromium levels were also reported in GWP-4 and GWP-5.

In October 2003, Berninger Environmental Inc. conducted additional soil investigation. A total of sixteen soil samples were collected within a gridded area of the site. Of the soil samples collected only two soil samples (S-8 and S-15) were noted to exceed NYSDEC Recommended Soil Cleanup Objective (RSCO) for metals.

In April-May 2005, Berninger initiated the injection of MRC into the groundwater to inhibit the movement of inorganics constituents. Baseline sampling of the groundwater was conducted prior to the injection of MRC. To accomplish this, four 2-inch diameter monitoring / injection wells were installed on April 13, 2005 to approximate depth of 20 feet below grade. Groundwater monitoring using the on-site wells continued to about March 31, 2006. Analytical results of the groundwater samples after the injection of MRC showed some decrease in nickel and chromium concentrations over time.

On January 24, 2006, Preferred Environmental Services removed a 1,000 gallon underground gasoline storage tank from the site. Evaluation of the excavation showed no evidence of gasoline impact to the surrounding soils within the excavation. The excavation was backfilled with clean fill materials and the concrete floor restored. The tank closure application was successfully accomplished.

Thereafter, Preferred Environmental Services continued on-site monitoring and sampling of all on-site monitoring wells. Analytical results of the sampling conducted by Preferred Environmental Services showed continued presence of nickel and chromium in mostly the down-gradient wells.

4.0 REMEDIAL GOALS AND REMEDIAL ACTION OBJECTIVES

Soil delineation activities at the site were completed in 2003 and the impacted area of the site identified. The area for remediation through excavation is shown in the enclosed Figure 3. The objective of this remedial investigation and action is to ensure that the contaminated soil at the site is excavated and properly disposed off-site at an approved /licensed disposal facility. To document that all contaminated soils are excavated and disposed, soil end-point samples were collected and analyzed and the disposal manifests received. Further delineation of groundwater contamination was also performed. The goal of the delineation is to define the horizontal and vertical extent of groundwater contamination and to determine the appropriate remedial measures, if any..

4.1 SOIL EXCAVATION AND SAMPLING

The excavation of the delineated area of soil contamination started from November 16 to November 18, 2009. The excavation was completed using a backhoe /excavator to an approximate depth of 12 to 15 feet below grade. During the excavation, attempts were made to excavate all visible stained areas within the excavation. Figure 3, shows the extent of soil excavation which coincided with the boundaries of the delineated area of the excavation.

All excavated soils were staged temporarily on 10 ml plastic sheeting and covered with same to prevent any potential off-site migration through surface runoffs. The staged soils

were loaded and disposed to a licensed off-site disposal facility. Disposal manifests to document the total tonnage (cubic yards) of the disposed soils were collected from each truck leaving the site.

The site was continuously monitored to determine the levels of particulates (dust) and volatile organic vapor in the air using the appropriate instruments. No significant readings / levels necessary to shut down the operation were recorded.

Approximately, **1,200** tons of contaminated soils were trucked off-site and disposed at a licensed disposal facility (Logan Township). The disposal manifests generated at the site during the loading and trucking of the contaminated soils and site photographs taken during the excavation are enclosed as Appendix A. The final and completed disposal manifests from the disposal facility documenting the actual tonnage of the contaminated soils disposed at the facility will be mailed separately to the NYSDEC upon receipt. The excavation was backfilled with clean fill materials.

4.2 SOIL ANALYTICAL RESULTS

At the completion of the excavation, a total of twenty (20) soil end-point samples were collected from the excavation for analysis. The soil samples were collected from approximately six inches below the bottom of the excavation using a manually operated hand auger. The twenty soil end-point samples designated EP-1 through EP-20 were collected between November 18 and 19, 2009. The samples were submitted to a certified laboratory for TAL metal analysis using EPA method SW846 6010. The chain of custody form was prepared in the field and accompanied the samples in accordance with Quality Assurance and Quality control (QA / QC) measures.

A review of the analytical results showed some samples contained high concentrations levels of targeted metals (Ni and Cd) above the Restricted use Commercial Cleanup Objective (Track 3). The soil samples with high levels included EP-1, EP-3, EP-4, EP-5, EP-6, EP-8, EP-9, EP-15, EP-18, and EP-20. Based on the results of the analysis, additional excavations in the areas of the samples with the high concentrations levels of targeted metals were performed on November 27, 2009. The identified areas were resampled and the soil samples were designated EP-1-1, EP-3-1, EP-4-1 EP-5-1, EP-6-1, EP-8-1, EP-9-1, EP-15-1, EP-18-1, and EP-20-1. The samples were submitted for analysis using the same method of analysis for targeted metals. The results of the soil end-point samples were summarized in the enclosed Table 3, and copies of laboratory data sheet are enclosed in Appendix B. Figure 3 shows the locations of soil end-point samples.

The analytical results of soil end-point samples showed that the targeted TAL metals, nickel and chromium were below the Restricted use Commercial Cleanup Objective.

4.3 GROUNDWATER MONITORING WELL INSTALLATION

To further delineate the vertical and horizontal extent of groundwater contamination plume, five additional, one replacement on-site monitoring wells and four groundwater geoprobe points were installed between October 24 and 25, 2009. The five newly installed wells included MW-5, MW-6, MW-7, MW-8 and MW-9 and the four geoprobe points were GP-1, GP-2, GP-3, and GP-4. The original MW-2 that was installed in 2003 could not be located; hence a replacement well (MW-2) was installed at approximately the same location. The locations of the monitoring wells and geoprobe points are shown in the attached Figure 2, and the well completion details provided in Appendix D. The drilling was performed using a mobile drill rig and the wells were completed at approximately twenty (20) feet below grade with 10 feet of 0.01 slotted screen and 10 feet of solid PVC. Each monitoring well was provided with a locking cap and protected with a 4-inch manhole cover.

The depth to groundwater was measured in each well using an electronic water level meter. The depth ranged from approximately 9 feet to 10 feet below grade. A survey of the monitoring wells was conducted, and depth to groundwater referenced from the top of casing was calculated for each well. The data obtained was used to construct the groundwater elevation of each on-site well. The groundwater table contour map is enclosed as Figure 2. Referring to Figure 2, the general groundwater flow is essentially to the south-southeast direction.

4.4 GROUNDWATER SAMPLING

Groundwater samples from all on-site monitoring wells and geoprobe points were collected between October 26 and October 28, 2009. Prior to collecting the groundwater samples, the standing water volume in each monitoring well and geoprobe point were calculated and purged of approximately five to ten times the standing volume of water depending on the turbidity of the groundwater. Turbidity was measured in NTU units and attempts were made to ensure that the turbidity levels in the monitoring wells were either 10 or less before collecting groundwater samples. For the geoprobe points, the NTU level of 50 or less was applied. Table 1 summarizes the groundwater field data, including the groundwater elevations obtained during sampling activities.

Groundwater samples were collected from each monitoring well and geoprobe points with a dedicated teflon bailer. The samples were contained in appropriate sampling containers provided by the laboratory and maintained at 40° in a cooler. The samples were submitted to the laboratory for Target Analyte List (TAL) using EPA method 6010B / 7471. The chain of custody form was prepared in the field and accompanied the samples in accordance with Quality Assurance and Quality control (QA / QC) measures.

4.5 GROUNDWATER ANALYTICAL RESULTS

The results of the groundwater analysis are summarized in Table 2, and copies of analytical data sheet from the laboratory are enclosed as Appendix C.

Referring to Table 2 and Appendix C, and based on the NYSDEC Class GA Ambient Water Quality, some on-site monitoring wells and geoprobe points showed concentration levels of nickel and chromium above the groundwater quality standards. The affected monitoring wells and geoprobe points include MW-2, MW-3, MW-4, MW-6, MW-7, MW-9, GP-2, GP-3, and GP-4. The remainders of the monitoring wells were either ND or contained levels of targeted metals equal or below the groundwater quality standards.

5.0 QUALITY ASSURANCE AND QUALITY CONTROL MEASURES

The objective of this quality assurance and quality control measures is to provide mechanism of control over all sample collection and handling procedures in order to ensure sample integrity and usability. The sampling program will include soil screening and sampling at various depths within the soil pile to document the cleanup effort.

All samples will be stored in the field in coolers supplied by the laboratory and maintained at 4°C. Collected soil samples will be either picked up or delivered to the laboratory.

As part of the quality assurance program, several quality control samples will be required to provide control over the collection and subsequent review, interpretation and validation of the generated data. If applicable, two types of QA / QC samples, field and trip blanks will be collected and analyzed for the same parameters

The trip blanks consist of a set of sample bottles filled with laboratory demonstrated analyte free water. Trip blanks accompany the sample bottles that are prepared in the laboratory to the field and back to the laboratory, along with samples collected for analysis. Trip blanks will not be opened in the field and will be shipped back to the laboratory with the same set of bottles they accompanied to the field. The main objective of trip blanks is to detect additional sources of contamination that could potentially influence contaminant values reported in actual samples, both qualitatively and quantitatively.

The primary purpose of field blanks is to provide additional check on possible sources of contamination beyond those intended for the trip blanks. The other purpose of field blanks is to place a control mechanism on sample handling, storage and shipment. Field blanks are prepared in the field by passing laboratory analyte free water through sample

equipment and collected in empty clean sample containers for analysis Field blanks must be returned to the laboratory with the same set of sample bottles they accompanied to the field.

Detailed documentation of all site activities is important for tracking the acquisition and handling of samples from the time of collection, through shipment to the laboratory for analysis, to ultimate disposition of the samples. Documentation is also important as evidence in support of potential enforcement actions that may arise in relation to the remedial investigations at the site. Various forms of documentation will be used and they are as follows:

- a. Field note books
- b. Soil boring and well installation logs
- c. Photo-documentation

Calibration of all field instruments including PIDs, OVAs, DO, pH and conductance meters, etc. will be performed daily and strictly in accordance with the manufacturer's instructions. A record of each calibration will be kept in the field note book. Sample custody procedures are primarily intended to track the itinerary of the samples, from bottle preparation in the laboratory, shipment to the field for sample collection and shipment back to the laboratory for analysis, without unaccountable lapses in custody.

A project file containing complete project documentation will be maintained by the project manager. The file will include project plans and specifications, field note books, data records, photographs, maps and drawings, sample identification documents, chain of custody records, entire analytical data package provided by the laboratory. The file will be maintained at the office. The information contained in the files will be used for generating monthly or quarterly progress report.

5.1 **HEALTH AND SAFETY PLAN**

The Health and Safety Plan (HASP) will address site-specific health and safety requirements for the purpose of conducting remediation work at the site. The predominant contaminants at the site (soil) are specifically nickel and chromium.

The Health and safety officer will be in-charge of coordinating and implementing all aspects of this HASP. His duties include assignment of responsibilities to on-site personnel, ensure that protection standards are maintained, and evaluate the condition at the site periodically to determine if any changes to the HASP are needed.

Based on previous investigation results, it is determined that level D protection will be adequate to complete all proposed remediation work. *A copy of CES standard HASP*

<u>specifications was placed at the site for use and in case of emergency.</u> LEVEL D protection will consist of the following:

- a. Coveralls
- b. Gloves
- c. Construction boat / shoe
- d. Hard hat (excavation)
- e. Safety glasses

In case of high readings of monitored contaminants in the air, all on-site personnel will revert to Level C protection. Level C protection will include full face mask equipped with air-purifying canisters, in addition to items listed for Level D protection. As a part of HASP general rules, the following recommendations are to be followed:

- a. Prior to start and end of each work day, a safety meeting must be held.
- b. A first aid kit must be provided at the site and the location known to all personnel
- c. Eating, drinking, smoking, and alcohol in the work zones are prohibited.
- d. A standard fire extinguisher must be available in the work zone.
- e. All on-site equipments must be explosion proof.
- f. No vehicles are allowed within the work zones.
- g. A sign in sheet will be provided to document all visitors to the site.

6.0 COMMUNITY AIR MONITORING PROGRAM (CAMP)

Community Air Monitoring Plan (CAMP) is intended to provide real-time monitoring of volatile organics (VOC's) and particulates (i.e. dust) at the downwind perimeter of the designated work area. It is also used to measure the level of protection for the downwind community, mostly off-site sensitive receptors, residential and businesses and on-site workers. Given the very low levels of VOC's at the site, it was monitored periodically, while the particulates were continuously monitored throughout the duration of the excavation. The results of the monitoring activities are enclosed in Appendix E.

Periodic monitoring of the VOC's was conducted only during the collection of the soil end-point samples. The readings for VOC's in the air were non-detectible (ND) and or equal to the background measurements.

Particulate monitoring was continuously monitored at the downwind area (exclusion zone) of the site using Thermo MIE pDR 1000 (Personal Data Ram). Prior to the start of work, upwind and downwind concentrations of the particulates and VOC's were conducted to establish background concentrations at both areas. Appendix E showed that levels of the particulates were below the recommended action concentration level of

100mg/m³ that was required to stop work and implement the dust suppression techniques. The excavation activities were completed without any stoppage or use of dust suppression techniques.

7.0 CONCLUSIONS AND RECOMMENDATIONS

The remediation of the delineated area of soil contamination through excavation and offsite disposal has been completed. The vertical and horizontal extent of groundwater contamination plume has also been completed.

A review of soil end-point sampling results indicated that all contaminated soils in the delineated area of the site has been excavated to the depth of the clean zone. Based on the results, it is recommended that the soil contamination as a result of the spill at the site be closed.

A review of the groundwater sampling results showed some levels of targeted metals above the recommended groundwater quality standards. Given the concentrations levels of detected contaminants, it is recommended that on-site monitoring wells be monitored and sampled on a quarterly basis for the first year. Depending on the trends of the concentration levels of the targeted metals, the sampling and monitoring frequency may be decreased

This report was prepared and reviewed by Francis I. Onaga, a certified professional geologist (CPG) and a certified groundwater professional (CGWP)

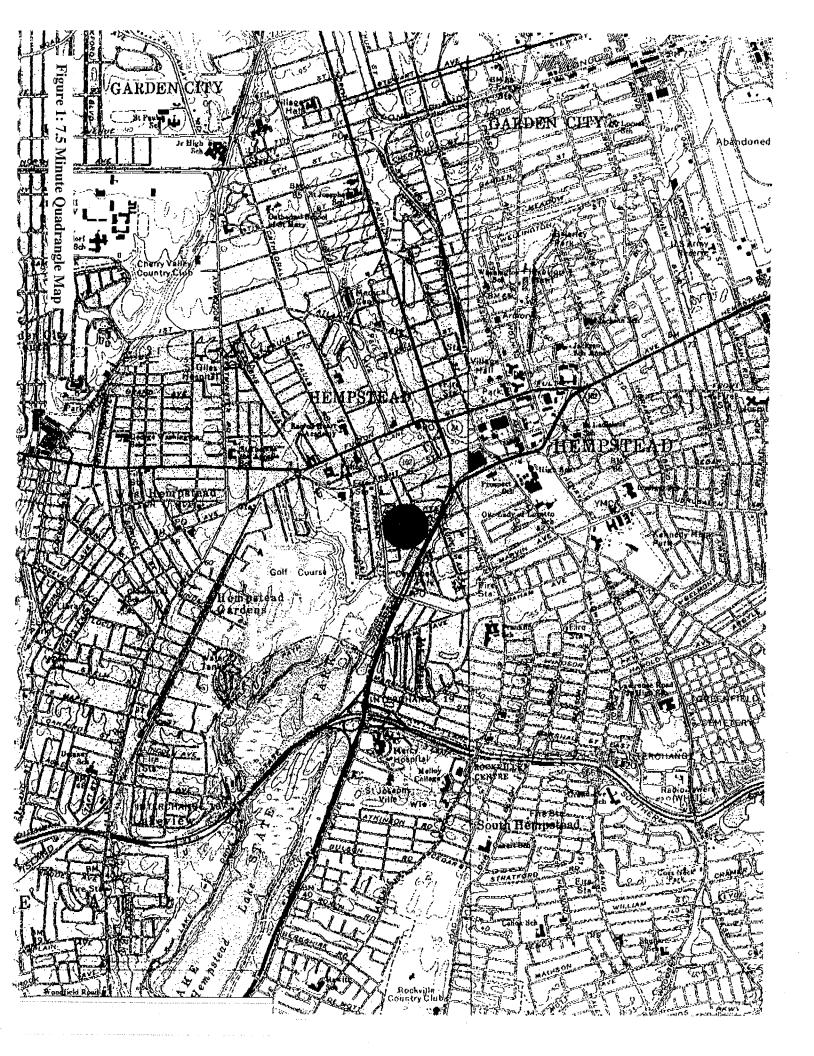
Francis I. Onaga, CPG, CGWP

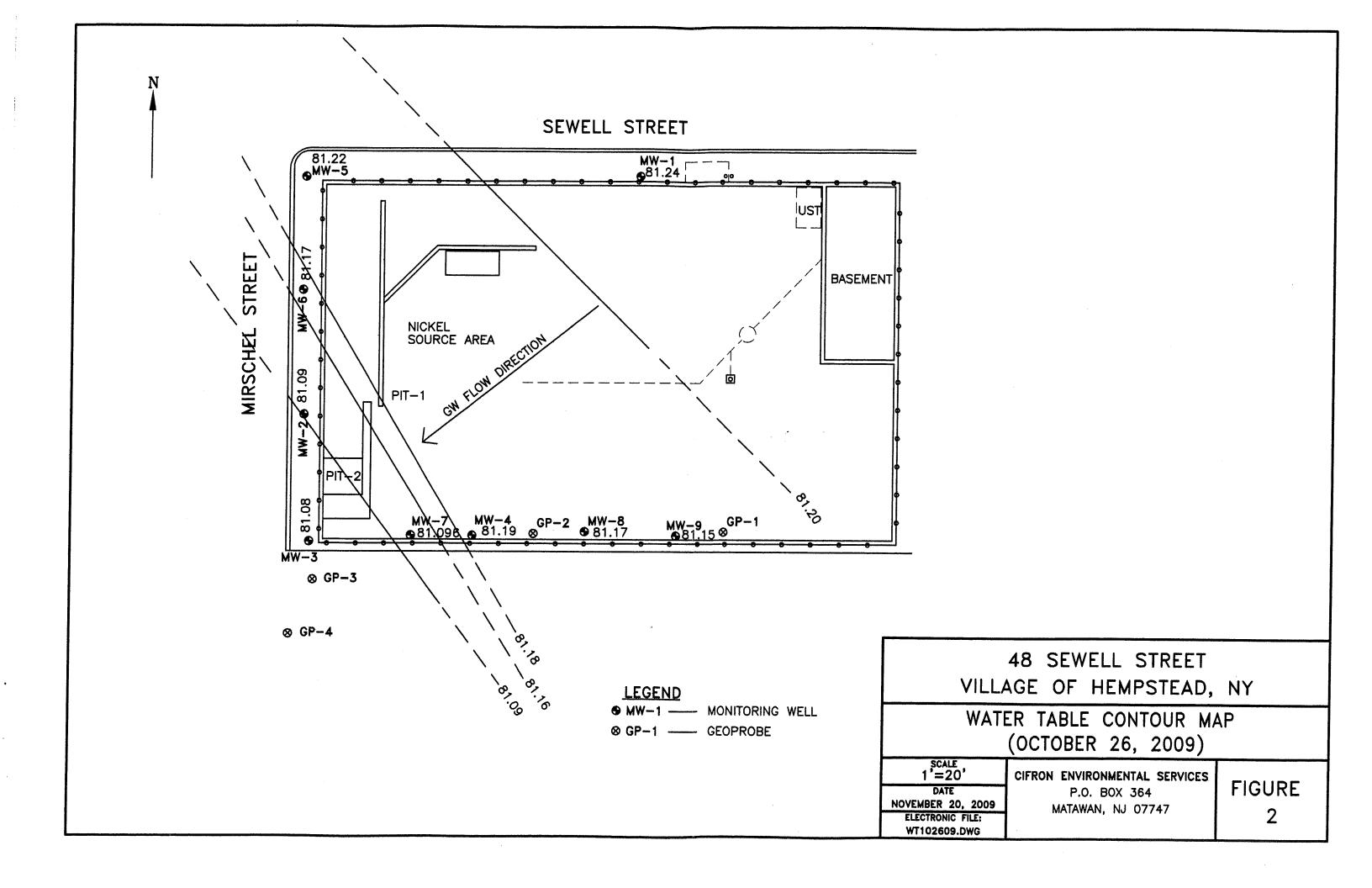
Principal Hydrogeologist CES Environmental Services 190 William Street, Suite 1C

South River, NJ 08882 Phone: (908)227-4371

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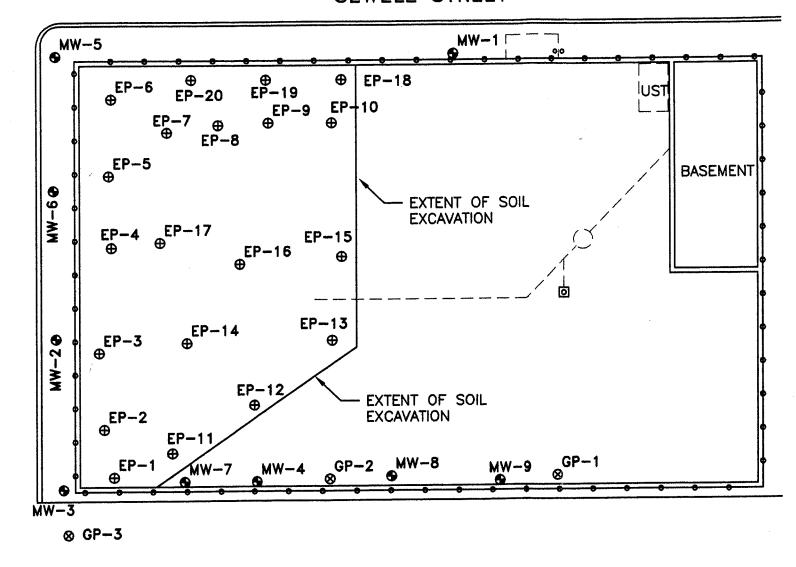
Cell: (917) 478-8549





MIRSCHEL STREET

SEWELL STREET



⊗ GP-4

LEGEND

- MW-1 --- MONITORING WELL
- ⊗ GP-1 --- GEOPROBE
- ⊕ EP-1 --- END-POINT SOIL SAMPLES

48 SEWELL STREET VILLAGE OF HEMPSTEAD, NY

MAP SHOWING SOIL END-POINT SAMPLING LOCATIONS

SCALE 1'=20' DATE			
DA	TE		
NOVEMBER	24,	2009	
ELECTRON	IIC F	ILE:	
COLLEN	ח חע	ic.	

CIFRON ENVIRONMENTAL SERVICES
P.O. BOX 364
MATAWAN, NJ 07747

FIGURE 3

APPENDIX A

SOIL DISPOSAL MANIFESTS AND SITE PHOTOGRAPHS

Log Number

7086

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	- Andrews	Generator Site/Location
Address		Address 48 Sewell 5+
		a v mm
Phone No		Phone No.
D	escription of Material	GROSS
Approval Number	Non-Regulated Petroleum Contaminated Soil	TARE
708	Non DOT/RCRA Regulated **	: I I
or any applicable state	law, is not a hazardous waste	not contain free liquid as defined by 40 CFR Part 260.10 e as defined by 40 CFR Part 261 or any applicable state ackaged, and is in proper condition for transportation
Generator Authorized Ag	747(2)00	gnature Shipment Date
	TRAN	NSPORTER **
Address Box	38	Driver Name (Print) \(\frac{\frac{1}{1}}{1} \) Vehicle License No. / State / EPA No. \(\frac{Am601C}{1} \) Truck Number \(\frac{3}{2} \)
	above named material was	I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature	3/2/1/10 Shipment Date	Driver Signature 3/21/1/c Delivery Date
Driver digitature	•	Driver Signature Delivery Date
Site Name	Soil Safe, Inc Bridgeport	Phone No 1-856-467-8030
Address 378 Route No left turn on Rt. 130 No		
I hereby certify that the ab and accurate.	ove named material has been acc	cepted and to the best of my knowledge the foregoing is true
Name of Authorized Agent	Signa Green - Facility Yellow - Generator	Receipt Date Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log Nu	ımber	•
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NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name		Generator Site/Location 5/1 mg
Address <u>L/</u> S	Schell st	Äddress
- Her	selvell st	34
Phone No	,	Phone No.
	4	
	Description of Material	GROSS
Approval Number	Non-Regulated Petroleum Contaminated Soil	TARE
7086	Non DOT/DODA Day I I I	NET
	Non DOT/RCRA Regulated	TONNAGE
law, has been proportion	ate law, is not a hazardous waste erly described, classified and pa	not contain free liquid as defined by 40 CFR Part 260.10 as defined by 40 CFR Part 261 or any applicable state ackaged, and is in proper condition for transportation
Generator Authorized	Agent Name Sig	nature Shipment Date
	notion transport	Driver Name (Print) Johnstnam V
Address 19 19 19 19 19 19 19 19 19 19 19 19 19		Vehicle License No. / State / EPA No. Am 252 C
	the above named material was	I hereby certify that the above named material was delivered without incident to the destination listed below.
Johns huil	n 3/24/10	
Driver Signature	Shipment Date	Driver Signature Delivery Date
	DES	TINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
Address 378 Ro	ute 130 Logan Township, NJ 0808	5
No left turn on Rt. 130 l Business hours are: Mo ment only.		5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the and accurate.	above named material has been acc	epted and to the best of my knowledge the foregoing is true
Name of Authorized Age White - Facility	3 ,	ure Receipt Date Pink - Broker Goldenrod - Contractor Blue - Trucking Contractor

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

4	•	
Generator Name		Generator Site/Location
Address		Address
4 3 : .		
	A MENT AND	
Phone No		Phone No.
		GROSS
	Description of Material	dnoss
Approval Number	Non-Regulated Petroleum	TARE
1 1	Contaminated Soil	NET
auga l	Non DOT/RCRA Regulated	
	Non Do I/Hors, Chagaiated	TONNAGE
, A		
		the state of the s
Generator Authorized A		gnature Shipment Date
donorator / tatronizod /		
	IRAI	NSPORTER
Transporter Name	130 HU16	Driver Name (Print)
		Vehicle License No. / State / EPA No.
	18 1/1/12 (P (Na) -	Truck Number
		I hereby certify that the above named material was
picked up at the gener	ator site listed above.	delivered without incident to the destination listed below.
Driver Cianatura	Shipment Date	Driver Signature Delivery Date
Driver Signature	•	
		STINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. <u>1-856-467-8030</u>
No left turn on Rt. 130 N	ute 130 Logan Township, NJ 080 North into the facility. Inday through Friday 7 AM to 5 PM	. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the and accurate.	above named material has been a	ccepted and to the best of my knowledge the foregoing is true
Name of Authorized Age	ent Sign	ature Receipt Date

Pink - Broker

White - Facility

Green - Facility

Yellow - Generator

Goldenrod - Contractor

Log Number	ımber
------------	-------

Receipt Date

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	Generator Site/Location
Address M SECCE	Address
<u> </u>	
Phone No	Phone No.
Description of Mater	al GROSS
Approval Non-Regulated	Petroleum
Contamina	red Soil NET
Non DOT/RCR	A Regulated TONNAGE
Transporter Name	TRANSPORTER Driver Name (Print)
Address	Vehicle License No. / State / EPA No
<u> </u>	Truck Number
I hereby certify that the above named m picked up at the generator site listed above	
	4.10
Driver Signature Ship	ment Date Driver Signature Delivery Date DESTINATION
Site NameSoil Safe, Inc Bri	
Address 378 Route 130 Logan Town	ship, NJ 08085
No left turn on Rt. 130 North into the facility.	AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the above named materia and accurate.	I has been accepted and to the best of my knowledge the foregoing is true

Signature

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Name of Authorized Agent

White - Facility

Log Number		
-		
, ,		

Blue - Trucking Co.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

· /	Williams of the			
Generator Name		Generator Sit	te/Location	
Address	auen's 7	Address		
	israda WX			
Phone No.		Phone No		
				CDOCC
Approval	Description of Material			GROSS
Approval Number	Non-Regulated Petroleum			TARE
7036	Contaminated Soil			NET
10.0	Non DOT/RCRA Regulated	·		TONNAGE
or any applicable sta	the above named material does te law, is not a hazardous wasterly described, classified and public regulations.	e as defined b	oy 40 CFR Part 261 is in proper cond	I or any applicable state
Generator Authorized	Agent Name Sig	nature	Shipr	ment Date
		NSPORTER		
Transporter Name	lotion xansing	Driver Name	(Print) Francisco I	N PAPER
Address \\ \frac{1}{2} \left(\)	30×, 35×	Vehicle Licen	ise No. / State / EPA	A No. 2 1 10 1/2
Wood	bridge 1/3	Truck Numbe	əř. <u>H.277</u>	
	the above named material was rator site listed above.			ve named material was destination listed below.
Eduin	R 3/33/110	ķ .	W. L.	
Driver Signature	Shipment Date	Driver Signa	ture	Delivery Date
	DES	STINATION		
Site Name	Soil Safe, Inc Bridgeport		Phone No 1 -	856-467-8030
No left turn on Rt. 130	North into the facility. Sonday through Friday 7 AM to 5 PM		PM By Appointment o	only. Saturday by appoint-
I hereby certify that the and accurate.	above named material has been a	ccepted and to	the best of my knowl	ledge the foregoing is true
Name of Authorized Ag	jent Sign	ature		Receipt Date

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

White - Facility

Log N	lumber
-------	--------

Receipt Date

Blue - Truckina Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name		Generator Site/Location
•		
Address		Address
		1
Phone No.	<u> </u>	Phone No.
	Description of Material	GROSS
Approval Number	Non-Regulated Petroleum	TARE
	Contaminated Soil	NET
7086	Non DOT/RCRA Regulated	TONNAGE
	ly described, classified and pa	
law, has been proper	ly described, classified and pa	e as defined by 40 CFR Part 261 or any applicable state ackaged, and is in proper condition for transportation
according to applicab	ie regulations.	
Generator Authorized A	gent Name Sig	nature Shipment Date
	TRAN	NSPORTER
T	FRA. ALORESTO	Driver Name (Print) 15 (1)2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0
Transporter Name <u>γ</u>	Some and I have been a second	Driver Name (Print)
Address	D. 1 1 1	Vehicle License No. / State / EPA No
$\frac{CM}{C}$	Prige 19	Truck Number
I hereby certify that the picked up at the genera	ne above named material was ator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
E () 560	Acc 3/28/10	16 Can lu 3/23/1
Driver Signature	Shipment Date	Driver Signature Delivery Date
		TINATION
	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
No left turn on Rt. 130 N		5 PM to 10 PM By Appointment only. Saturday by appoint-

Signature

Pink - Broker

Goldenrod - Contractor

Yellow - Generator

Name of Authorized Agent

<u>UCINI</u>

SOIL SAFE, INC.

Log Number		

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	Generator Site/Location
Address 48 Counties	Address
Address	
Phone No.	Phone No.
Description of Material	GROSS
Approval Non-Regulated Petroleur	m TARE
Contaminated Soil	NET
Non DOT/RCRA Regulate	
	TONNAGE
according to applicable regulations.	packaged, and is in proper condition for transportation Signature Shipment Date
TR	ANSPORTER
Transporter Name	
Address (47 38)	Vehicle License No. / State / EPA No.
- Wextrande NS	Vehicle License No. / State / EPA No.
I hereby certify that the above named material was picked up at the generator site listed above.	
Sit attorner area to	
Driver Signature Shipment Date	Driver Signature Delivery Date
DE	ESTINATION
Site Name Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 08	3085
No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 Pl ment only.	M. 5 PM to 10 PM By Appointment only. Saturday by appoint-
hereby certify that the above named material has been and accurate.	accepted and to the best of my knowledge the foregoing is true
Name of Authorized Agent Sig	nature Receipt Date
White - Facility Green - Facility Yellow - Generator	Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

	Log Number	
,		

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	* ^A	Generator Site/	Location	÷'
	CHECK C			H.J.
<u> </u>	<u>, en vy</u>			
Phone No.		Phone No		
e. Pyrit				
I:	Description of Material			GROSS
Approval Number	Non-Regulated Petroleum			TARE
	Contaminated Soil			NET
	Non DOT/RCRA Regulated			TONNAGE
Generator Authorized	erly described, classified and pable regulations. Agent Name Signature	gnature	Shipment D	
Transporter Name	TRAI ELIMA	NSPORTER Driver Name (F	Print) <u>JULIANO</u>	GRNENES
Address		Vehicle License	e No. / State / EPA No	<u>an 117</u>
		Truck Number	01- 511	
I hereby certify that picked up at the gen	the above named material was erator site listed above.		ify that the above nar out incident to the destina	
				504410
Driver Signature	Shipment Date	Driver Signatu	re	Delivery Date
	DES	STINATION		$\mathcal{L}_{\mathcal{L}} = \mathcal{L}_{\mathcal{L}} = \mathcal{L}_{\mathcal{L}}$
Site Name	Soil Safe, Inc Bridgeport		Phone No. 1-856-46	7-8030
Address 378 R No left turn on Rt. 130 Business hours are: N ment only.	oute 130 Logan Township, NJ 080 O North into the facility. Monday through Friday 7 AM to 5 PM	l. 5 PM to 10 PM		
I hereby certify that the and accurate.	ne above named material has been a	ccepted and to th	e best of my knowleage tr	ie ioregoing is true
Name of Authorized A		iature Pink - Broker G	oldenrod - Contractor Blue - Trucki	Receipt Date

Log N	lumber
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NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	350 (40/1 21, 5	Canavat	ou Cito/I o ooti oo		
/	•				
Address	<u> </u>	Address			
	and mary May be	1 × 1	April 1988		
			lo		
	Description of Material				GROSS
Approval Number	Non-Regulated Petroleum Contaminated Soil				TARE NET
	Non DOT/RCRA Regulated				TONNAGE
law, has been proper according to applicable	The same of the sa	ackaged,	and is in prope	r condition for	transportation
Generator Authorized A	gent Name Sig	nature	<u> </u>	Shipment Date	-
	TRAN	ISPORTE	R	***************************************	
Transporter Name	LA PINGUE	Driver Na	me (Print)		
	we With				
			mber	njectiva.	
I hereby certify that the picked up at the general	e above named material was tor site listed above.	I hereby	certify that the without incident	e above named	d material was
				a A	
Driver Signature	Shipment Date	Driver Si	gnature		Delivery Date
	DES	TINATION	L ,		
Site Name	Soil Safe, Inc Bridgeport	·. ·.	Phone No	1-856-467-80	030
No left turn on Rt. 130 No	re 130 Logan Township, NJ 0808 orth into the facility. day through Friday 7 AM to 5 PM.		10 PM By Appointr	nent only. Saturd	ay by appoint-
I hereby certify that the a and accurate.	bove named material has been acc	cepted and	to the best of my	knowledge the fo	pregoing is true
Name of Authorized Ager	nt Signa	ture		Rec	eipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Receipt Date

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

	GEN	ERATOR		
Generator Name	had the first of the first of	Generator Site/Lo	cation	
Address 1646	Coll of hope manifesting	Address		
- 1/10 m	and the state of t	× 2, + 6		
Phone No.		Phone No		
	Description of Material			GROSS
Approval Number	Non-Regulated Petroleum			TARE
	Contaminated Soil			NET
And the second second	Non DOT/RCRA Regulated			TONNAGE
law, has been propaccording to applica		ackaged, and is in		or transportation
Generator Authorized	Agent Name Sig	gnature	Shipment Da	ate
	TRAI	NSPORTER	The second	
Transporter Name	ZELIH TKO.	Driver Name (Print) Jesus W	
Address	JOKNAM KO.	Vehicle License No	o. / State / EPA No. 🕺	anule
·	ZELIA TKG. JUKNANIEN.	Truck Number	<u> </u>	
	the above named material was erator site listed above.	delivered without i	that the above nan	
Driver Signature	Shipment Date	Driver Signature		Delivery Date
		STINATION		
Site Name	Soil Safe, Inc Bridgeport	Pho	one No. <u>1-856-467</u>	′-8030
No left turn on Rt. 130	North into the facility. onday through Friday 7 AM to 5 PM.		Appointment only. Sati	urday by appoint-
I hereby certify that the and accurate.	e above named material has been ad	ccepted and to the be	st of my knowledge the	e foregoing is true

Signature

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Name of Authorized Agent

White - Facility

Receipt Date

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name		Generator Site/Location
Address H	Sewell's T	Address
Address	n PSTERIENTY!	Address
Phone No		Phone No.
	Description of Material	GROSS
Approval Number	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated	TARE NET TONNAGE
or any applicable sta law, has been prope according to applica	ate law, is not a hazardous wasterly described, classified and public regulations.	not contain free liquid as defined by 40 CFR Part 260.10 e as defined by 40 CFR Part 261 or any applicable state ackaged, and is in proper condition for transportation
Generator Authorized	Agent Name Sig	gnature Shipment Date
Transporter Name		NSPORTER Driver Name (Print) F(u) in Reliable 2
Address PO	30 x 35° /Lxidge MJ	Vehicle License No. / State / EPA No.
	the above named material was rator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
	3/00/10	
Driver Signature	Shipment Date	Driver Signature Delivery Date
	DES	STINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
No left turn on Rt. 130		5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the and accurate.	above named material has been ac	ecepted and to the best of my knowledge the foregoing is true

Signature

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Name of Authorized Agent

White - Facility

Log Number		· · · · · · · · · · · · · · · · · · ·	
-	-		

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name		Generator Site/Location		
Address		Address		
Phone No.		Phone No.		
	Description of Material	GROSS		
Approval Number	Non-Regulated Petroleum Contaminated Soil	TARE		
	Non DOT/RCRA Regulated	NET		
		TONNAGE		
law, has been prope according to applicat	rly described, classified and paper of the regulations.	e as defined by 40 CFR Part 261 or any applicable state ackaged, and is in proper condition for transportation		
Generator Authorized	Agent Name Sig	nature Shipment Date		
	TRAN	ISPORTER		
Transporter Name		Driver Name (Print)		
Address		Vehicle License No. / State / EPA No		
	· · · · · · · · · · · · · · · · · · ·			
I hereby certify that the picked up at the general	he above named material was ator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.		
Driver Signature	Shipment Date	Driver Signature Delivery Date		
	DES	TINATION		
Site Name	Soil Safe, Inc Bridgeport	Phone No 1-856-467-8030		
No left turn on Rt. 130 N Business hours are: Mor		5 PM to 10 PM By Appointment only. Saturday by appoint-		
ment only. I hereby certify that the a and accurate.	above named material has been ac	cepted and to the best of my knowledge the foregoing is true		
Name of Authorized Age	nt Signa	ture Receipt Date		

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name		Generator Site/Location	
Address 4/4 8	aved as the	Address	
- Gretos	month of the		
		Phone No.	
	Description of Material		GROSS
Approval Number	Non-Regulated Petroleum		TARE
7086	Contaminated Soil		NET
	Non DOT/RCRA Regulated		TONNAGE
according to applical	A Company of the Comp		
Generator Authorized	Agent Name Sig	nature Ship	ment Date
		ISPORTER	
Transporter Name	Second S7	Driver Name (Print)	R 20/060
Address 27	Second ST	Vehicle License No. / State / EF	A No. MMSSCE
old B	ridge 111	Truck Number2	
I hereby certify that t picked up at the gener	he above named material was rator site listed above.	I hereby certify that the abo	
Cosum!	Javed .	The A	3/22/10
Driver Signature	Shipment Date	Driver Signature	Delivery Date
	DES	TINATION	
Site Name	Soil Safe, Inc Bridgeport	Phone No1	-856-467-8030
No left turn on Rt. 130 I	ute 130 Logan Township, NJ 0808 North into the facility. Inday through Friday 7 AM to 5 PM.		only. Saturday by appoint-
I hereby certify that the and accurate.	above named material has been ac	cepted and to the best of my know	ledge the foregoing is true
Name of Authorized Age	ent Signa	ture	Receipt Date

Goldenrod - Contractor

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	Generator Site/Location
Address Address	Address
Here was a second	
	Phone No.
Description of Material	GROSS
Approval Non-Regulated Petroleum	TARE
Contaminated Soil	NET
Non DOT/RCRA Regulated	TONNAGE
	TORNAGE
according to applicable regulations.	packaged, and is in proper condition for transportation gnature Shipment Date
Generator Authorized Agent Name Sig	gnature Snipment Date
TRAI	NSPORTER
Transporter Name	Driver Name (Print)
Address Sok 58	Vehicle License No. / State / EPA No. AL 3692/N
ONDER PARP, N.J.	Truck Number
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
-XW	
Driver Signature Shipment Date	Driver Signature Delivery Date
DES	STINATION
Site Name Soil Safe, Inc Bridgeport	Phone No 1-856-467-8030
Address378 Route 130 Logan Township, NJ 080	85
No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 PM. ment only.	. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the above named material has been acand accurate.	ccepted and to the best of my knowledge the foregoing is true,

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	Generator Site/Location
and the second s	
Address MA COUNTY	Address
Phone No.	Phone No
Description of Material	GROSS
Approval Number Non-Regulated Petroleum Contaminated Soil	n TARE NET
Non DOT/RCRA Regulate	TONNAGE
or any applicable state law, is not a hazardous wa	es not contain free liquid as defined by 40 CFR Part 260.10 aste as defined by 40 CFR Part 261 or any applicable state I packaged, and is in proper condition for transportation
Generator Authorized Agent Name	Signature Shipment Date
TR	ANSPORTER
Transporter Name	Driver Name (Print)
Address 38	Vehicle License No. / State / EPA No
- WOBO. US	Truck Number
I hereby certify that the above named material wa picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
03-22-11	
Driver Signature Shipment Date D	e Driver Signature Delivery Date PESTINATION
Site Name Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 0 No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 Fment only.	PM. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the above named material has been and accurate.	accepted and to the best of my knowledge the foregoing is true
Name of Authorized Agent Si	ignature Receipt Date

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

White - Facility

Log	Numbe	r
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NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	<u> Adden weith</u>	Generator	Site/Location		Section 1
Address	En la company of the	Address			
<u>,</u>		. t			
	*	1	4		
	Description of Material				GROSS
Approval Number	Non-Regulated Petroleu	ım			TARE
Secretary of the secret	Contaminated Soil		•		NET
	Non DOT/RCRA Regulat	ted			
				4	TONNAGE
according to application appli		Signature		Shipment Date	-
		RANSPORTER		Ompinent Date	;
	*		. "1	y	*
Transporter Name	1 lot LN	Driver Name	e (Print)	601107	<u> </u>
Address		Vehicle Lice	nse No. / Stat	e / EPA No. 🚈	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	MERIOLOGIC	Truck Numb	er		
hereby certify that picked up at the gene	the above named material warrator site listed above.		ertify that the	e above name to the destinatio	d material was n listed below.
1/20/	4712	100			Maran.
Driver Signature	Shipment Date	e Driver Signa	ature ^{(/}		Delivery Date
	D	ESTINATION			
Site Name	Soil Safe, Inc Bridgeport		Phone No.	1-856-467-8	030
Address378 Ro	oute 130 Logan Township, NJ 0	8085	·		
No left turn on Rt. 130 Business hours are: Me nent only.	North into the facility. onday through Friday 7 AM to 5 F	PM. 5 PM to 10 I	PM By Appoint	ment only. Saturd	ay by appoint-
hereby certify that the and accurate.	above named material has been	accepted and to	the best of my	knowledge the fo	pregoing is true
Name of Authorized Ag	ent Si	gnature		Rec	eipt Date
White - Facilit	•	Pink - Broker	Goldenrod - Contractor	1	- Promotes

Log Nur	mber
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NON-HAZARDOUS MATERIAL MANIFEST

	GENE	RAIOR
Generator Name	9 SAUSELL ST LLC	Generator Site/Location
Address 48	Sewell st	Address
	LOS Ment NY	
Phone No.	T J	Phone No.
•		
	Description of Material	GROS
Approval Number	Non-Regulated Petroleum	TARI
low hof .	Contaminated Soil	NE"
7066	Non DOT/RCRA Regulated	
		TONNAGE
or any applicable state	e law, is not a hazardous waste ly described, classified and pa	not contain free liquid as defined by 40 CFR Part 260. as defined by 40 CFR Part 261 or any applicable statickaged, and is in proper condition for transportation
0		
Generator Authorized A	gent Name Sigi	nature Shipment Date
	TRAN	SPORTER
Transporter Name	Hotion	Driver Name (Print) Jese Herr Jew
Address	Box 38	Vehicle License No. / State / EPA No
woodl	hand the second	Truck Number
	e above named material was tor site listed above.	I hereby certify that the above named material wadelivered without incident to the destination listed below.
Jose Hone &	FCA 3-23-10	Driver Signature Delivery Da
Driver Signature	Shipment Date	Driver Signature Delivery Da
	DEST	TINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
No left turn on Rt. 130 No	te 130 Logan Township, NJ 08089 orth into the facility. day through Friday 7 AM to 5 PM.	5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the a and accurate.	bove named material has been acc	epted and to the best of my knowledge the foregoing is true
Name of Authorized Ager	nt Signat	ure Receipt Date

Log Number	

Blue - Trucking Co.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name 45 30 W/M/ 77//	Generator Site/Location
	Address
1990, 47 2 to 30 / 1 V	
Phone No	_ Phone No
Description of Material	GROSS
Approval Number Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated	TARE
law, has been properly described, classified and paccording to applicable regulations.	not contain free liquid as defined by 40 CFR Part 260.10 te as defined by 40 CFR Part 261 or any applicable state backaged, and is in proper condition for transportation
Generator Authorized Agent Name Sig	gnature Shipment Date
Transporter Name Address	
Address Addres	Vehicle License No. / State / EPA No
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
2 19 2 1 Com 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 12 6 1 2 2 1 2 1/2 1/10
Driver Signature Shipment Date	Driver Signature Delivery Date
	STINATION
Site Name Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ 0808 No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 PM. ment only.	. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the above named material has been ac and accurate.	ccepted and to the best of my knowledge the foregoing is true
Name of Authorized Agent Signa	ature Receipt Date

Log Number	

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Gene	erator Name	12) DOT LUC	Generator Site/Location		
Address 4 Sept 5 2			Address		
		··· Ny			
Phon	e No		Phone No		
		Description of Material	GROSS		
	Approval Number	Non-Regulated Petroleum Contaminated Soil			
		Non DOT/RCRA Regulated	TONNAGE		
or an	ıy applicable si has been prop	ate law, is not a hazardous was	te as defined by 40 CFR Part 260.10 te as defined by 40 CFR Part 260.10 te as defined by 40 CFR Part 261 or any applicable state packaged, and is in proper condition for transportation for transportation state and the state of		
Gene	rator Authorized	Agent Name Si	ignature Shipment Date		
		TRA	NSPORTER		
Trans	sporter Name	WIIA Express #1	Driver Name (Print) <u>CAHU</u>		
		¥.	Vehicle License No. / State / EPA No. AM3311		
		GA NJ 0857			
		the above named material was erator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.		
	Andreas and a second a second and a second a				
Drive	r Signature	Shipment Date	Driver Signature Delivery Date STINATION		
Site N	Jame	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030		
Addre No lef	ess 378 Ro t turn on Rt. 130 ess hours are: M	oute 130 Logan Township, NJ 080 North into the facility.			
I herel and a	by certify that the	e above named material has been ad	ccepted and to the best of my knowledge the foregoing is true		
Name	of Authorized Ag	gent Signa	ature Receipt Date		

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

ļ	Log Number	

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated TONNAGE I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260. I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 261 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation for transportation. Generator Authorized Agent Name Signature Signature Shipment Date Truck Number I hereby certify that the above named material was icked up at the generator site listed above. Price Signature Shipment Date Regulated Tonnage Tonnage Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below.	Address	appropriate states	Generator Site/Location	and the second second
Phone No	, IGGI COG		Address	
Approval Number Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated TONNAGI Tonn	The Market of the Control of the Con	west of the second		
Approval Number Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated TONNAGI Tonn	Phone No.		Phone No.	
Approval Number Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated Non DOT/RCRA Regulated TONNAGI I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state coording to applicable regulations. Benerator Authorized Agent Name Signature Signature Shipment Date TRANSPORTER Transporter Name Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number hereby certify that the above named material was icked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Truck Number Destrination Soil Sate, Inc Bridgeport Phone No. 1-856-467-8030 Selest turn on Rt. 130 North Into the facility. Selest turn on Rt. 130 North Into the facility. Selests hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.				
Number Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated Non DOT/RCRA Regulated Non DOT/RCRA Regulated TONNAGI I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state according to applicable regulations. Generator Authorized Agent Name Signature Shipment Date TRANSPORTER Transporter Name Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. Truck Number Destination Destination listed below. Destination		ion of Material		GROSS
Nem DOT/RCRA Regulated Nem Tonnage I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state according to applicable regulations. Generator Authorized Agent Name Signature Shipment Date TRANSPORTER Transporter Name Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number I hereby certify that the above named material was licked up at the generator site listed above. Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. Triver Signature Shipment Date Driver Signature Driver Signature Delivery Date DESTINATION The Name Soil Safe, Inc Bridgeport Delivery Date	Number No			TARE
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260 or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state according to applicable regulations. Generator Authorized Agent Name Signature Signature Signature Signature Shipment Date TRANSPORTER Transporter Name Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number hereby certify that the above named material was icked up at the generator site listed above. I hereby certify that the above named material was icked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Truck Number Destrination Touck Signature Destrination Destrination Touck Number Destrination Truck Number Delivery Date Destrination Delivery Date Destrination Delivery Date Destrination Delit turn on Rt. 130 North into the facility. I hereby certify that the above named material was delivered without incident to the destination listed below. Soil Safe, Inc Bridgeport Delivery Date Destrination Delivery Date Delivery Date Destrination Delivery Date Destrination Delivery Date				NE
I hereby certify that the above named material does not contain free liquid as defined by 40 CFR Part 260. or any applicable state law, is not a hazardous waste as defined by 40 CFR Part 261 or any applicable state law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Generator Authorized Agent Name Signature Signature Shipment Date TRANSPORTER Fransporter Name Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number Address Vehicle License No. / State / EPA No. Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. Triver Signature Shipment Date Driver Signature Delivery Date DESTINATION Soil Safe, Inc Bridgeport Phone No. 1-856-467-8030 Delft turn on Rt. 130 North into the facility. Issiness hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.	No No	n DOT/RCRA Regulated		
law, has been properly described, classified and packaged, and is in proper condition for transportation according to applicable regulations. Generator Authorized Agent Name Signature Shipment Date TRANSPORTER Transporter Name Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number Truck Number Truck Number I hereby certify that the above named material was icked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. To priver Signature DESTINATION The Name Soil Safe, Inc Bridgeport DESTINATION The Name Soil Safe, Inc Bridgeport Delivery Date				
TRANSPORTER Transporter Name Driver Name (Print)	Generator Authorized Agent Nan	ne Sign	20turo	<u> </u>
TRANSPORTER Transporter Name Driver Name (Print)			1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	
Transporter Name Driver Name (Print)	Generator Authorized Agent Nar	ne Sigr	nature Shipme	ent Date
Vehicle License No. / State / EPA No. Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION To Note that the above named material was delivered without incident to the destination listed below. DESTINATION To Note that the above named material was delivered without incident to the destination listed below. DESTINATION To Note that the above named material was delivered without incident to the destination listed below. DESTINATION To Note that the above named material was delivered without incident to the destination listed below. Delivery Date that the above named material was delivered without incident to the destination listed below.		TRAN		
Vehicle License No. / State / EPA No. Truck Number I hereby certify that the above named material was icked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. Delivery Date DESTINATION Truck Number I hereby certify that the above named material was delivered without incident to the destination listed below. Delivery Date DESTINATION Truck Number Delivery Date DESTINATION Truck Number Delivery Date Delivery	ransporter Name			
hereby certify that the above named material was icked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Triver Signature Shipment Date Destrination Delivery Date Destrination	Address		Driver Name (Print) U 5711/16	1 Phone DAM
hereby certify that the above named material was icked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION The Name Soil Safe, Inc Bridgeport Phone No. 1-856-467-8030 Destination of the destination listed below. Destination Phone No. 1-856-467-8030 Destination of the Name Phon			Vehicle License No. / State / EPA N	No
hereby certify that the above named material was icked up at the generator site listed above. I hereby certify that the above named material was delivered without incident to the destination listed below. Triver Signature Shipment Date Driver Signature Delivery Date DESTINATION Ite Name Soil Safe, Inc Bridgeport Phone No. 1-856-467-8030 Deleft turn on Rt. 130 North into the facility. I hereby certify that the above named material was delivered without incident to the destination listed below. 1 hereby certify that the above named material was delivered without incident to the destination listed below. 1 hereby certify that the above named material was delivered without incident to the destination listed below. 1 hereby certify that the above named material was delivered without incident to the destination listed below. 1 hereby certify that the above named material was delivered without incident to the destination listed below.		<u> </u>	Truck Number	
river Signature Shipment Date Destrination Destrination Destrination The Name Soil Safe, Inc Bridgeport Destrination Phone No. 1-856-467-8030 Destrination The Name Phone No. 1-856-467-8030 Destrination Destrinati	hereby certify that the above	named material was	I hereby certify that the above	namod motorial
DESTINATION Ite Name Soil Safe, Inc Bridgeport Phone No. 1-856-467-8030 Iddress 378 Route 130 Logan Township, NJ 08085 Delivery Date Date Date Date Date Date Date Date				striction listed below.
DESTINATION te Name Soil Safe, Inc Bridgeport Phone No. 1-856-467-8030 ddress 378 Route 130 Logan Township, NJ 08085 o left turn on Rt. 130 North into the facility. usiness hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.	river Signature	Shinmont Data	Appendix of the second	3-22-10
te Name Soil Safe, Inc Bridgeport Phone No. 1-856-467-8030 ddress 378 Route 130 Logan Township, NJ 08085 oleft turn on Rt. 130 North into the facility. usiness hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.				Delivery Date
ddress 378 Route 130 Logan Township, NJ 08085 b left turn on Rt. 130 North into the facility. usiness hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appointment only.	te Name Soil Safe			
o left turn on Rt. 130 North into the facility. usiness hours are: Monday through Friday 7 AM to 5 PM. 5 PM to 10 PM By Appointment only. Saturday by appoint-	The second secon		Phone No 1-856	5-467-8030
	left turn on Rt. 130 North into the	a facility		Saturday by appoint-
White - Facility Green - Facility Street Signature Receipt Date				

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Log Number	

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name		Generator Site/Location	
Phone No			
<u></u>	Description of Material		GROSS
Approval Number	Non-Regulated Petroleum Contaminated Soil		TARE
1000 J	Non DOT/RCRA Regulated		NET
			TONNAGE
or arry applicable stat	e law, is not a nazardous waste ly described, classified and pa le regulations.	not contain free liquid as defined by e as defined by 40 CFR Part 261 or ackaged, and is in proper condition	any applicable staten for transportation
Generator Authorized A	gent Name Sig	gnature Shipment	 Date
		NSPORTER	
Transporter Name	MOLY MARCHET	Driver Name (Print)	Committee Section
	A	Vehicle License No. / State / EPA No	,
Walsh	SILGENT	Truck Number	
	e above named material was		named material was
E All A	3/32/10		
Driver Signature	Shipment Date	Driver Signature	Delivery Date
Cita Nama		TINATION	
	Soil Safe, Inc Bridgeport		67-8030
No left turn on Rt. 130 No	e 130 Logan Township, NJ 08089 orth into the facility. day through Friday 7 AM to 5 PM.	5 PM to 10 PM By Appointment only. S	aturday by appoint-
I hereby certify that the ab and accurate.	pove named material has been acc	cepted and to the best of my knowledge	the foregoing is true
Name of Authorized Agen	t Signati	ture	Receipt Date

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Log Number	

Blue - Trucking Co.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

	O L. I T.	
Generator Name	Completed by Albert 1966	Generator Site/Location
Address // C.	Company of	Address
1-18 x 1 i	white of the order	
Phone No.	<i>f</i>	Phone No
	Description of Material	GROSS
Approval Number	Non-Regulated Petroleum	TARE
/ C/	Contaminated Soil	NET
77.2.6	Non DOT/RCRA Regulated	TONNAGE
law, has been prope according to applicat	rly described, classified and pole regulations.	e as defined by 40 CFR Part 261 or any applicable state ackaged, and is in proper condition for transportation
Generator Authorized	Agent Name Siç	gnature Shipment Date
	TRAI	NSPORTER
Transporter Nome		Driver Name (Print)
•		
		Vehicle License No. / State / EPA No
<u> </u>	Way to her corpe	Truck Number
I hereby certify that t picked up at the gener		I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature	Shipment Date	Driver Signature Delivery Date
	DES	STINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
,	ute 130 Logan Township, NJ 080	85
No left turn on Rt. 130 No Business hours are: Moment only.	North into the facility. Inday through Friday 7 AM to 5 PM	. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the and accurate.	above named material has been a	ccepted and to the best of my knowledge the foregoing is true
Name of Authorized Age	ent Sian	ature Receipt Date

Signature

Pink - Broker

Goldenrod - Contractor

Yellow - Generator

Name of Authorized Agent

White - Facility

MULL

SOIL SAFE, INC.

Log Number	

Blue Trucking Co.

Goldenrod - Contractor

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name		_ Generator Site/Locati	on
Address 46	envell st	Address	
146.11	wheat, My	· · · · · · · · · · · · · · · · · · ·	
	<i>'</i>		· .
•			0.000
	Description of Material		GROSS
Approval Number	Non-Regulated Petroleum		TARE
() (Contaminated Soil		NET
1700	Non DOT/RCRA Regulated		NE:
	Non Bo milet in Magaiated		TONNAGE
according to applicat	ole regulations.	ignature	roper condition for transportation Shipment Date
K	TRA	NSPORTER	
Transporter Name	netion		PARIOS TO
			State / EPA No. AM 7031
Address	1321 A 1362	venicie License No. /	State / EPA No.
<u> </u>	Odbudge NJ=	Truck Number	
I hereby certify that t picked up at the gener	he above named material was ator site listed above.		t the above named material was dent to the destination listed below.
ار المحادث الم المحادث المحادث المحاد	03.221		
Driver Signature	Shipment Date	Driver Signature	Delivery Date
	DE	STINATION	
Site Name	Soil Safe, Inc Bridgeport	Phone	No 1-856-467-8030
No left turn on Rt. 130 No Business hours are: Mo		,	pointment only. Saturday by appoint-
ment only.			
I hereby certify that the and accurate.	above named material has been a	accepted and to the best o	of my knowledge the foregoing is true
Name of Authorized Age	ent Siar	nature	Receipt Date

Receipt Date

Blue - Trucking Co.

Goldenrod - Contractor

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	in de la company	Generator Site/Location
	2021- 14	
	ELENS NY	
		Phone No
	Description of Material	GROSS
Approval Number	Non-Regulated Petroleum	TARE
Tomas Carel	Contaminated Soil	NET
N8CF	Non DOT/RCRA Regulated	TONNAGE
Transporter Name		NSPORTER Driver Name (Print)
Address		Vehicle License No. / State / EPA No. AL 251
		Truck Number
I hereby certify that the picked up at the general	ne above named material was ator site listed above.	I hereby certify that the above named material wadelivered without incident to the destination listed below.
	03-22 2010	
Driver Signature	Shipment Date	Driver Signature Delivery Date
	DES	STINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
Address 378 Rou	ite 130 Logan Township, NJ 080	85
No left turn on Rt. 130 N	North into the facility.	. 5 PM to 10 PM By Appointment only. Saturday by appoint-
•	above named material has been ac	ccepted and to the best of my knowledge the foregoing is true

Signature

Yellow - Generator

Pink - Broker

Name of Authorized Agent

White - Facility

Receipt Date

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GE	NERATOR
Generator Name	Generator Site/Location
Address	Address
William Day	
Phone No.	Phone No
	ODOCC .
Description of Material	GROSS
Approval Non-Regulated Petroleur	m TARE
Contaminated Soil	NET
Non DOT/RCRA Regulate	TONNAGE
TF	Signature Shipment Date RANSPORTER
Transporter Name	Driver Name (Print) <u>C. (A.) 10 EL/KUS/S</u> /
Address	Vehicle License No. / State / EPA No. AM 6010
- WARRENGER	Truck Number
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature Shipment Date	te Driver Signature Delivery Date
	DESTINATION
Site Name Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
Address 378 Route 130 Logan Township, NJ On No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 ment only.	PM. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the above named material has bee and accurate.	n accepted and to the best of my knowledge the foregoing is true

Signature

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Name of Authorized Agent

White - Facility

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

	GENE	RATOR
Generator Name	14. 46xx 11 1 1 X	Generator Site/Location
· · · · · · · · · · · · · · · · · · ·		Address
	, May 184	
	· · · · · · · · · · · · · · · · · · ·	Phone No
THORIC IVO.		
	Description of Material	GROSS
Approval	Non-Regulated Petroleum	TARE
Number	Contaminated Soil	NET
ney	Non DOT/RCRA Regulated	TONNAGE
Generator Authorized	TRA	nature Shipment Date
Transporter Name _	i.i.chai	Driver Name (Print)
Address	100000	Vehicle License No. / State / EPA No.
· ·	MININGE	Truck Number
I hereby certify that	t the above named material was nerator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Sing Bloom	30, 32240	Driver Signature Delivery Date
Driver Signature	Shipment Date	Driver Signature Delivery Date
	DES	STINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
No left turn on Rt. 13 Business hours are: ment only.		. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the and accurate.	he above named material has been a	ccepted and to the best of my knowledge the foregoing is true
Name of Authorized	Agent Sign	ature Receipt Date

Pink - Broker Goldenrod - Contractor

Yellow - Generator

Blue - Trucking Co.

White - Facility

Log Number	

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	Barrell Commence	Generator Site/Location
Address	11.04 // 2 F	Address
		· · · · · · · · · · · · · · · · · · ·
	<i>∮</i>	Phone No.
	Description of Material	GROSS
Approval Number	Non-Regulated Petroleum Contaminated Soil	TARE
Trest.	Non DOT/RCRA Regulated	TONNAGE
or any applicable st law, has been prop- according to applica	ate law, is not a hazardous wasterly described, classified and puble regulations.	not contain free liquid as defined by 40 CFR Part 260.10 e as defined by 40 CFR Part 261 or any applicable state ackaged, and is in proper condition for transportation
Generator Authorized	Agent Name Sig	nature Shipment Date
Address	12 16 17 Cm	Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number
I hereby certify that	the above named material was erator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Driver Signature	Shipment Date	Driver Signature Delivery Date
	DES	TINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
No left turn on Rt. 130		5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the and accurate.	above named material has been ac	cepted and to the best of my knowledge the foregoing is true
Name of Authorized Ac	nent Signs	Pacaint Data

White - Facility

Green - Facility

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

Log Number	
,	

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	and the Karl	Generator Site/Location	
		Address	
	ystead, in/		
	/ / / / / / / / / / / / / / / / / / /		
	Description of Material		GROSS
Approval Number	Non-Regulated Petroleum Contaminated Soil		TARE
7084	Non DOT/RCRA Regulated		TONNAGE
or any applicable sta law, has been prope according to applica	nte law, is not a hazardous waste orly described, classified and pa ble regulations.	not contain free liquid as defined by 40 Cl e as defined by 40 CFR Part 261 or any ap ackaged, and is in proper condition for	oplicable state
Generator Authorized	3	nature Shipment Date	
		NSPORTER	
		Driver Name (Print) / 1741	
Address	Max 20	Vehicle License No. / State / EPA No.	<u> </u>
	ically indice NJ	Truck Number	
I hereby certify that	the above named material was	I hereby certify that the above named delivered without incident to the destination	material was
L. O. stacker and a	- 3 /2	Driver Signature	\$/62
Driver Signature	Shipment Date	Driver Signature	Delivery Date
		STINATION	· ·
Site Name		Phone No1-856-467-80	130
No left turn on Rt. 130	North into the facility. Norday through Friday 7 AM to 5 PM.	85 . 5 PM to 10 PM By Appointment only. Saturda	ay by appoint-
I hereby certify that the and accurate.	above named material has been ad	ccepted and to the best of my knowledge the fo	regoing is true
Name of Authorized Ag	gent Signa	ature Rec	eipt Date

White - Facility

Green - Facility Yellow - Generator

Goldenrod - Contractor

Pink - Broker

Blue - Trucking Co.

Log Number	

Receipt Date

Blue - Trucking Co.

NON-HAZARDOUS MATERIAL MANIFEST

G	ENERATOR
Generator Name	Generator Site/LocationAddress
Address 118 20 WILL St	Address
Derings Lead, My	
Phone No.	Phone No
Description of Material	GROSS
Approval Non-Regulated Petrole	um TARE
Contaminated Soil	NET
Non DOT/RCRA Regula	TONNAGE
	Signature Shipment Date
	TRANSPORTER
Transporter Name	Driver Name (Print) MARCOS DEOLINE,RA
Address 67 X 58	Vehicle License No. / State / EPA No. A & 6.5/6
Wood Budge N.	Truck Number 304
I hereby certify that the above named material values picked up at the generator site listed above.	was I hereby certify that the above named material was delivered without incident to the destination listed below.
The state of the s	
Driver Signature Shipment D	
O-il O-f- Inc. Buildmanaul	DESTINATION Phone No. 1-856-467-8030
Site NameSoil Safe, Inc Bridgeport	
Address 378 Route 130 Logan Township, No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to ment only.	5 PM. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the above named material has be and accurate.	een accepted and to the best of my knowledge the foregoing is true

Signature

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Name of Authorized Agent

White - Facility

Log Number	

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

			•	
Generator Name	A Line San	Generator Site/Loc	cation	
Address 4/5, 411611.		Address		
Alman Alecal	/\/			
Phone No.	- Company	Phone No	·	
Filone No.		Thoric No.		
Description of Ma	ıterial			GROSS
Mumber	ated Petroleum ninated Soil		a to the second second	TARE
Non DOT/R	CRA Regulated			TONNAGE
or any applicable state law, is not a h law, has been properly described, cl according to applicable regulations.	azardous waste assified and pad	ckaged, and is in	proper condition	for transportation
Generator Authorized Agent Name		nature	Shipment D	Date
	TRAN	SPORTER		
. 1				
Transporter Name/ / / / / / / / / / / / / / / / / /) Especial	
Address CAX SE		Vehicle License No	o. / State / EPA No./	1206-UT
_ Ukontinik			22 - 55	J - 1
I hereby certify that the above named picked up at the generator site listed ab	l material was	I hereby certify		amed material was
· / / 253	22.10		·	
Driver Signature	Shipment Date	Driver Signature		Delivery Date
	DEST	TINATION		4 - 4
Site Name Soil Safe, Inc	Bridgeport	Pho	one No 1-856-4 6	67-8030
Address 378 Route 130 Logan To No left turn on Rt. 130 North into the facili Business hours are: Monday through Fridament only.	ty.		Appointment only. Sa	aturday by appoint-
I hereby certify that the above named mat and accurate.	erial has been acc	cepted and to the be	est of my knowledge t	he foregoing is true
Name of Authorized Agent	Signat	ture		Receipt Date

Signature

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

Name of Authorized Agent

White - Facility

ſ	Log Number	

Receipt Date

Blue - Trucking Co.

NON-HAZARDOUS MATERIAL MANIFEST

	GENE	ERATOR
Generator Name		Generator Site/Location
Address		Address
_ 14E ())	William NY	
•		Phone No.
	December of Marking	GROSS
	Description of Material	
Approval Number	Non-Regulated Petroleum Contaminated Soil	TARE NET
7086	Non DOT/RCRA Regulated	TONNAGE
according to applical	ole regulations.	ackaged, and is in proper condition for transportation
Generator Authorized	Agent Name Sig	nature Shipment Date
	TRAN	NSPORTER
		Driver Name (Print) 194 194452
		Vehicle License No. / State / EPA No. AK 678 G
<u> </u>	publinge NJ	Truck Number
I hereby certify that t picked up at the gener		I hereby certify that the above named material was delivered without incident to the destination listed below.
46.5	4/22 - 3-22-15	Driver Signature Delivery Date
Driver Signature	Shipment Date	Driver Signature Delivery Date
	DES	STINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
		85
No left turn on Rt. 130	North into the facility.	5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the and accurate.	above named material has been ad	ccepted and to the best of my knowledge the foregoing is true

Signature

Pink - Broker

Goldenrod - Contractor

Yellow - Generator

Name of Authorized Agent

White - Facility

Log Number	

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	Generator Site/Location
	Address
- Jennya Courty 18	
Description of Material	GROSS
Approval Number Non-Regulated Petro	the restriction of the contract of the contrac
Non DOT/RCRA Regi	·
law, has been properly described, classified according to applicable regulations.	does not contain free liquid as defined by 40 CFR Part 260.10 s waste as defined by 40 CFR Part 261 or any applicable state and packaged, and is in proper condition for transportation
Generator Authorized Agent Name	Signature Shipment Date
	TRANSPORTER
Transporter Name 1/10f)	Driver Name (Print) MARCOS NECCOLAR
Address <u>Communication of the Communication of the </u>	Vehicle License No. / State / EPA No. A/S 607/69 Truck Number
I hereby certify that the above named material picked up at the generator site listed above.	
Driver Signature Shipment D	Date Driver Signature Delivery Date
	DESTINATION
Site NameSoil Safe, Inc Bridgepor	tPhone No 1-856-467-8030
nent only.	5 PM. 5 PM to 10 PM By Appointment only. Saturday by appoint-
hereby certify that the above named material has be and accurate.	een accepted and to the best of my knowledge the foregoing is true
Name of Authorized Agent White - Facility Green - Facility Yellow - Genera	Signature Receipt Date ttor Pink - Broker Goldenrod - Contractor Blue - Trucking Co.

Log N	umber
-------	-------

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

4	
Generator Name	Generator Site/Location
Address Address	Address
Many Steered, Ny	
Phone No.	·
Description of Material	GROSS
Approval Non-Regulated Petroleum Contaminated Soil	TARE
Non DOT/RCRA Regulated	TONNAGE
according to applicable regulations.	nature Shipment Date
Generator Authorized Agent Name Sign	nature Shipment Date
TRAN	ISPORTER
Transporter Name	Driver Name (Print)
Address	Vehicle License No. / State / EPA No
_ werdholde NJ	Truck Number 323 351 310
I hereby certify that the above named material was picked up at the generator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
Bar 1 23-33-10	
Driver Signature Shipment Date	Driver Signature Delivery Date
	TINATIONPhone No1-856-467-8030
Site Name Soil Safe, Inc Bridgeport Address 378 Route 130 Logan Township, NJ 0808	
No left turn on Rt. 130 North into the facility. Business hours are: Monday through Friday 7 AM to 5 PM. ment only.	5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the above named material has been ac and accurate.	ccepted and to the best of my knowledge the foregoing is true
Name of Authorized Agent Signa	

Goldenrod - Contractor

Pink - Broker

Blue - Trucking Co.

Name of Authorized Agent

White - Facility

Green - Facility

Yellow - Generator

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

	GENE	HAIUN
Generator Name _	1/2 1/2 mg 1 1/40	Generator Site/Location
Address		
	198 Property ANY	Address
Phone No		Phone No
	Description of Material	GROSS
Approval Number	Non-Regulated Petroleum Contaminated Soil	TARE NET
<u> </u>	Non DOT/RCRA Regulated	TONNAGE
or any applicable law, has been praccording to appl	state law, is not a hazardous wast operly described, classified and p icable regulations.	not contain free liquid as defined by 40 CFR Part 260.10 e as defined by 40 CFR Part 261 or any applicable state ackaged, and is in proper condition for transportation gnature Shipment Date
Generator Authoriz	zed Agent Name Sig	gnature Shipment Date
	TRAI	NSPORTER
Transporter Name	KONDING. KALL	Driver Name (Print) WALTON SILVA
Address		Vehicle License No. / State / EPA No.
		Truck Number
I hereby certify the picked up at the go	nat the above named material was enerator site listed above.	
The Market of the Control of the Con	53/92/10	
Driver Signature	Shipment Date	Driver Signature Delivery Date
	DES	STINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
No left turn on Rt. 1	Route 130 Logan Township, NJ 080 30 North into the facility. : Monday through Friday 7 AM to 5 PM	. 5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that and accurate.	the above named material has been a	ccepted and to the best of my knowledge the foregoing is true

Name of Authorized Agent

White - Facility

Signature

Receipt Date

Yellow - Generator

Green - Facility

Pink - Broker

Goldenrod - Contractor

Blue - Trucking Co.

Log Number	

Receipt Date

Blue - Trucking Co.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

	Generator Site/Location
Address	Address
The state of the s	<u> </u>
Phone No.	Phone No
Description of Materia	GROSS
Approval Non-Regulated	Petroleum TARE
Contaminate	ed Soil NET
Non DOT/RCRA	Regulated
	TONNAGE
Congretor Authorized Agent Name	Signature Shipment Date
- 1 × 1155 (Signature Shipment Date TRANSPORTER
Transporter Name	Signature Shipment Date TRANSPORTER Driver Name (Print)
Transporter Name	Signature Shipment Date TRANSPORTER Driver Name (Print) Vehicle License No. / State / EPA No.
Transporter Name Address I hereby certify that the above named ma	Signature Shipment Date TRANSPORTER Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number terial was I hereby certify that the above named material was
Transporter Name Address	Signature Shipment Date TRANSPORTER Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number terial was I hereby certify that the above named material was
Transporter Name Address I hereby certify that the above named ma picked up at the generator site listed above.	Signature Shipment Date TRANSPORTER Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number terial was I hereby certify that the above named material was
Transporter Name Address I hereby certify that the above named mapicked up at the generator site listed above.	Signature Shipment Date TRANSPORTER Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number terial was I hereby certify that the above named material was delivered without incident to the destination listed below.
Transporter Name Address I hereby certify that the above named mare picked up at the generator site listed above.	Signature Shipment Date TRANSPORTER Driver Name (Print) Vehicle License No. / State / EPA No. Truck Number terial was I hereby certify that the above named material was delivered without incident to the destination listed below. DESTINATION Shipment Date Driver Signature Delivery Date

Signature

Yellow - Generator

Pink - Broker

Goldenrod - Contractor

Name of Authorized Agent

White - Facility

Loa	Number

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name	· · · · · · · · · · · · · · · · · · ·	Generator Site/Location	
Address	1. 1111 21	Address	
<u> </u>	Tillock MY	-	
Phone No.		Phone No	
· · · · · · · · · · · · · · · · · · ·	Description of Material		GROSS
Approval Number	Non-Regulated Petroleum		TARE
124	Contaminated Soil	and the second of the second o	NET
7086	Non DOT/RCRA Regulated		TONNÂGE
Generator Authorized	ole regulations.	ackaged, and is in proper condition	<u> </u>
	TRAN	ISPORTER	N and the second
Transporter Name	NAME TO THE	Driver Name (Print) A Yarr	45 K
Address	ACX Seg.	Vehicle License No. / State / EPA No.	AK 678 B
		Truck Number	
I_{α}	he above named material was	"I hereby certify that the above n delivered without incident to the desti	amed material was
A. S.	Adam 3-23-10		
Driver Signature	Shipment Date	Driver Signature	Delivery Date
		TINATION	
Site Name	Soil Safe, Inc Bridgeport		67-8030
No left turn on Rt. 130 N	Ite 130 Logan Township, NJ 0808 Iorth into the facility. Inday through Friday 7 AM to 5 PM.	5 PM to 10 PM By Appointment only. S	aturday by appoint-
I hereby certify that the a and accurate.	above named material has been acc	cepted and to the best of my knowledge	the foregoing is true
Name of Authorized Age	nt Signa	ture	Receipt Date

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

A dalua = =	Generator Site/Location
Address	Address
Mark Market Mark	
Phone No	Phone No
Description of Material	GROS
Approval Non-Regulated Petroleun	m
Contaminated Soil	IAH
Non DOT/RCRA Regulate	NE
2 3 I/ Tor I/A Flegulate	TONNAG
experience Authorized A	es not contain free liquid as defined by 40 CFR Part 260 este as defined by 40 CFR Part 261 or any applicable st packaged, and is in proper condition for transportate Signature Shipment Date
enerator Authorized Agent Name S	Signature Shipment Date
TRA	ANSPORTER
ansporter Name	Driver Name (Print)
dress	Vehicle License No. 700
Carlo Charles 197	
	Truck Number
	I hereby certify that the above named and the
ereby certify that the above named material was ked up at the generator site listed above.	I hereby certify that the above named and the
ereby certify that the above named material was ked up at the generator site listed above.	I hereby certify that the above named material wadelivered without incident to the destination listed below.
ver Signature DES	I hereby certify that the above named material wadelivered without incident to the destination listed below.
ver Signature DES	I hereby certify that the above named material wadelivered without incident to the destination listed below. Driver Signature Delivery Dates Delivery Delivery Dates Deliv
ver Signature Soil Safe, Inc Bridgeport Sagar Township N.J. 0808	I hereby certify that the above named material wadelivered without incident to the destination listed below. Driver Signature Delivery Date STINATION Phone No. 1-856-467-8030
ver Signature Soil Safe, Inc Bridgeport ress 378 Route 130 Logan Township, NJ 0808 eft turn on Rt. 130 North into the facility.	I hereby certify that the above named material wadelivered without incident to the destination listed below. Driver Signature Delivery Date STINATION Phone No. 1-856-467-8030
ver Signature Soil Safe, Inc Bridgeport Iress 378 Route 130 Logan Township, NJ 0808 eft turn on Rt. 130 North into the facility. iness hours are: Monday through Friday 7 AM to 5 PM. t only.	I hereby certify that the above named material wadelivered without incident to the destination listed below. Driver Signature Delivery Date STINATION Phone No. 1-856-467-8030

-

Log Number

Receipt Date

Blue - Trucking Co.

SOIL SAFE, INC.

NON-HAZARDOUS MATERIAL MANIFEST

GENERATOR

Generator Name		Generator Site/Location
Address	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Address
* *	•	Phone No
	Description of Material	GROSS
Approval Number	Non-Regulated Petroleum Contaminated Soil Non DOT/RCRA Regulated	TARE NET TONNAGE
or any applicable st	ate law, is not a hazardous waste erly described, classified and pa	not contain free liquid as defined by 40 CFR Part 260.10 e as defined by 40 CFR Part 261 or any applicable state ackaged, and is in proper condition for transportation
Generator Authorized	I Agent Name Sig	nature Shipment Date
	TRAN	ISPORTER
Transporter Norma	1171197.11	Driver Name (Print)
	and the second s	
		Vehicle License No. / State / EPA No
	ENDINGE INS	Truck Number
	the above named material was erator site listed above.	I hereby certify that the above named material was delivered without incident to the destination listed below.
		The second of th
Driver Signature	Shipment Date	Driver Signature Delivery Date
	DES	TINATION
Site Name	Soil Safe, Inc Bridgeport	Phone No. 1-856-467-8030
No left turn on Rt. 130	oute 130 Logan Township, NJ 0808 North into the facility. Ionday through Friday 7 AM to 5 PM.	5 PM to 10 PM By Appointment only. Saturday by appoint-
I hereby certify that the and accurate.	e above named material has been ac	cepted and to the best of my knowledge the foregoing is true

Signature

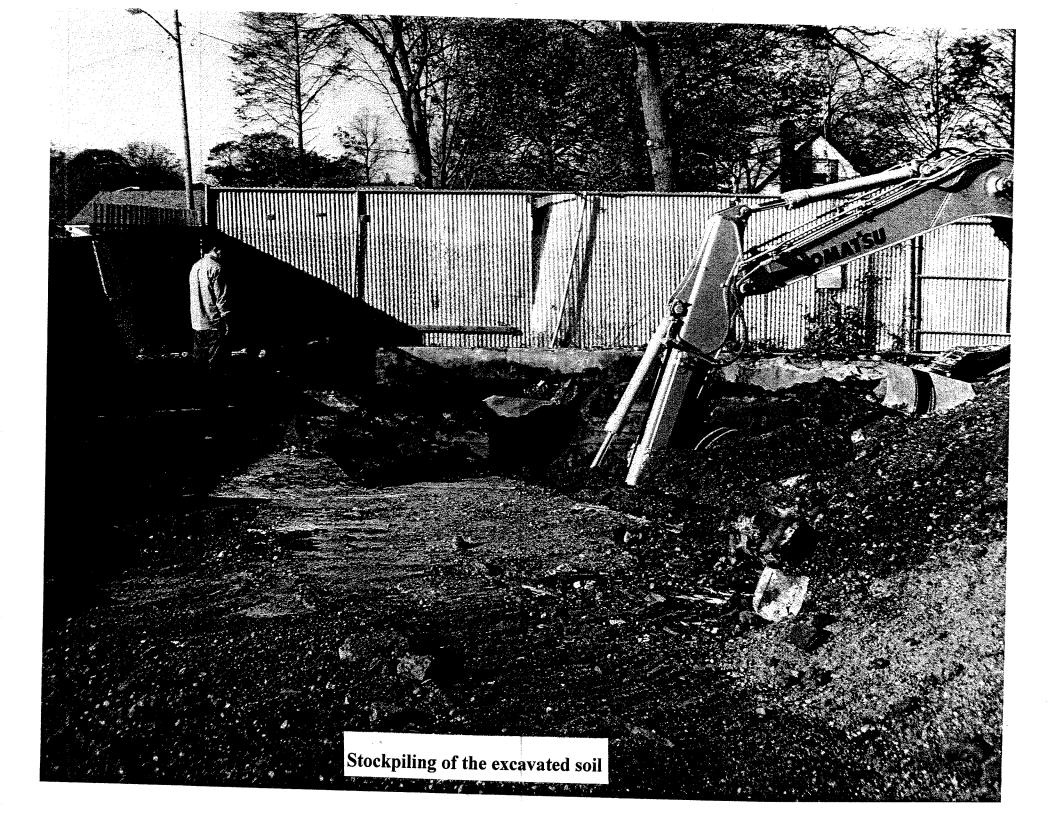
Yellow - Generator

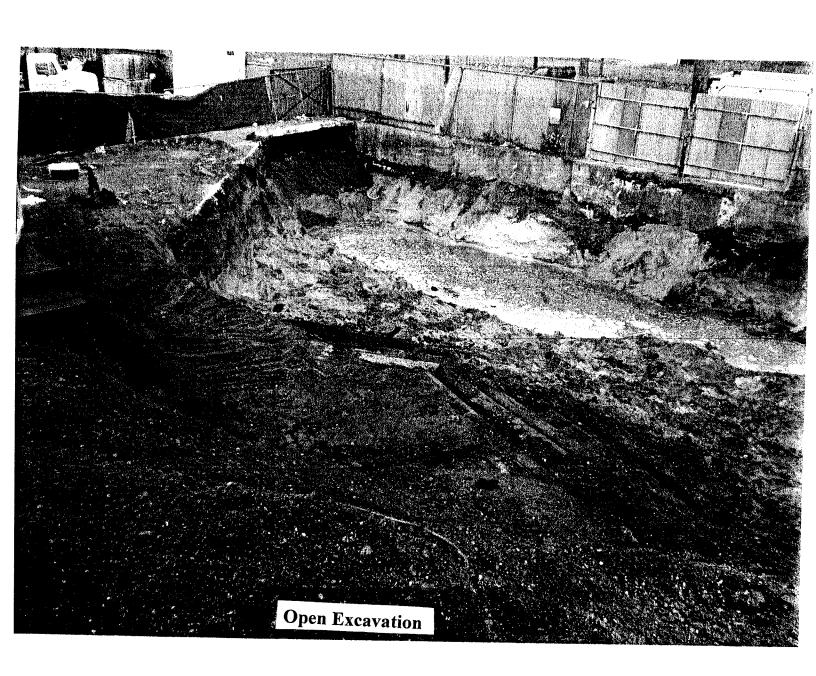
Pink - Broker Goldenrod - Contractor

Name of Authorized Agent

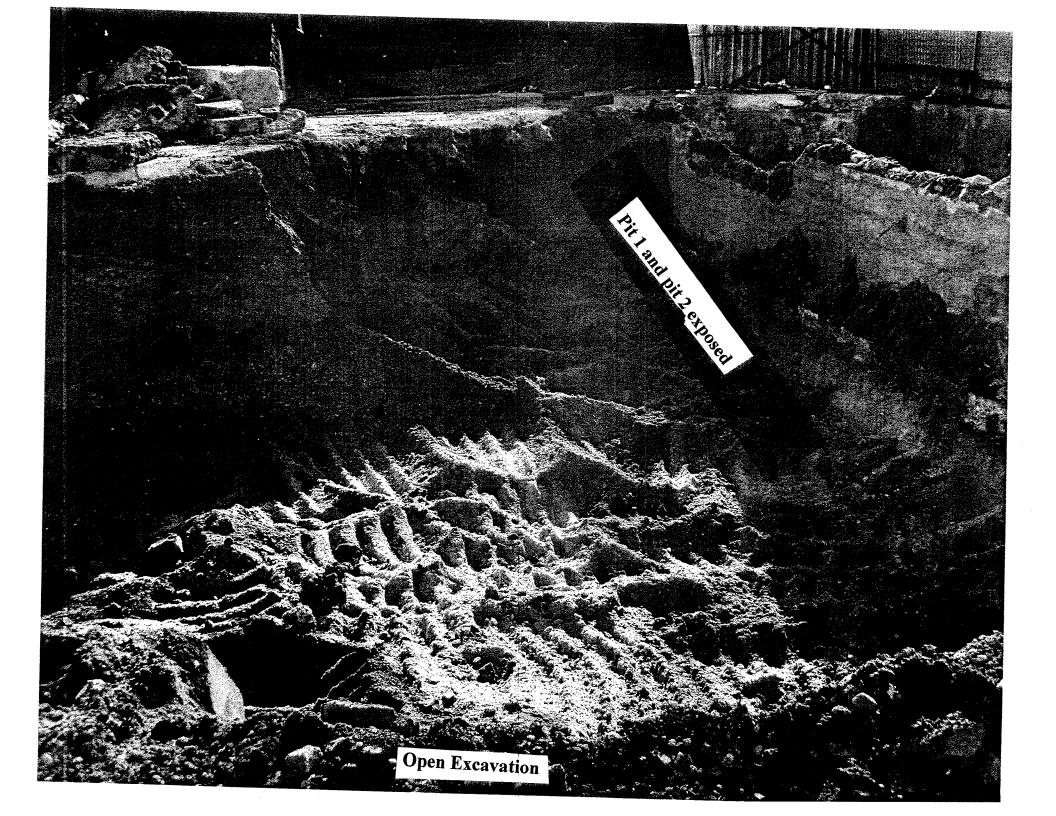
White - Facility

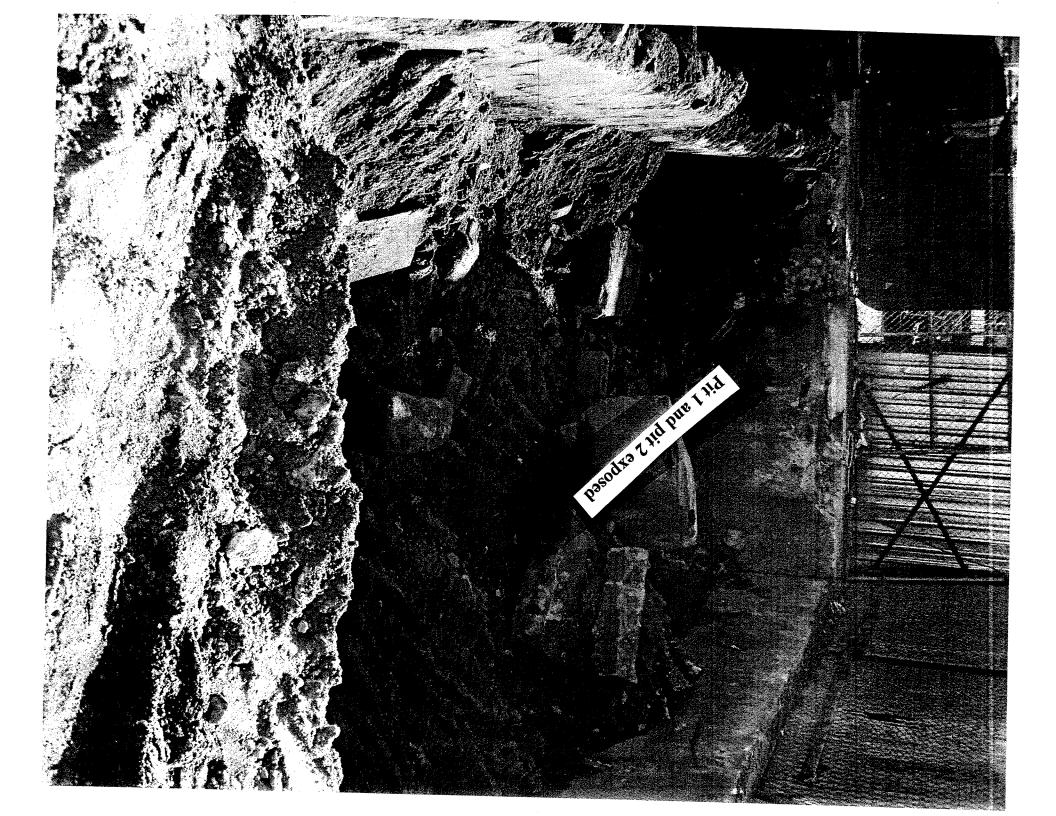


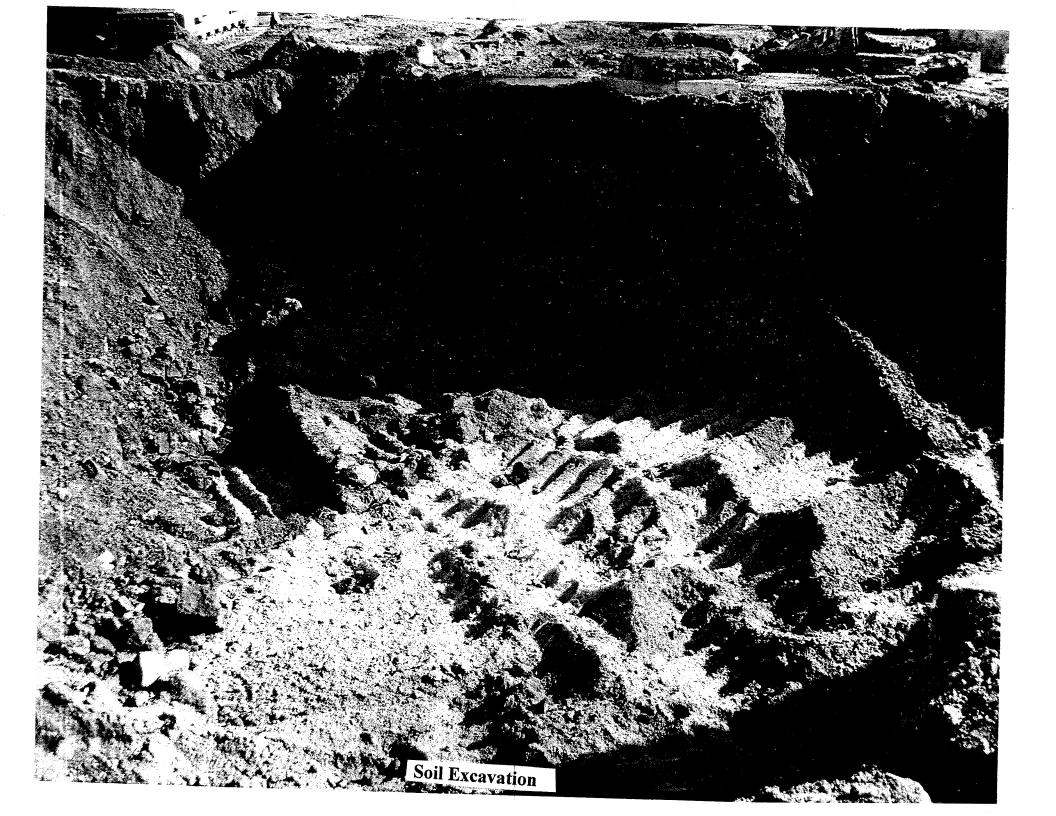


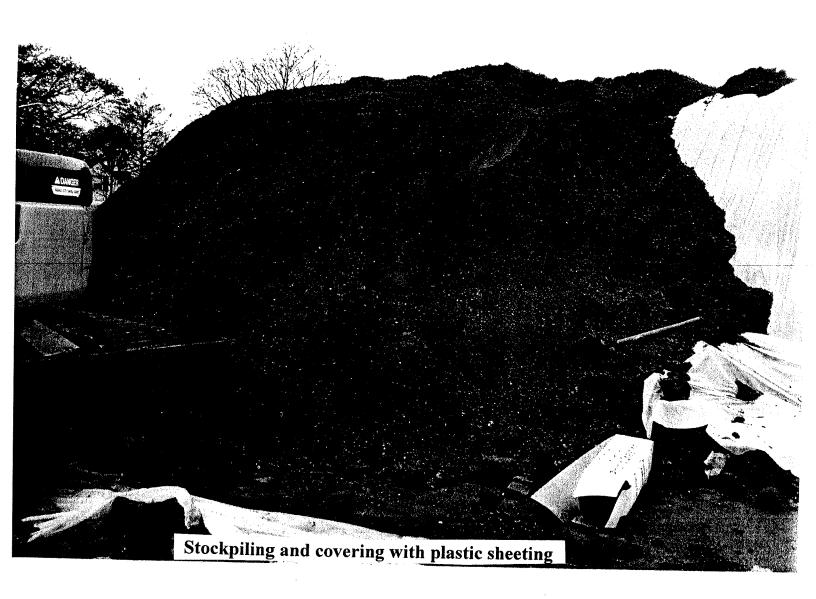




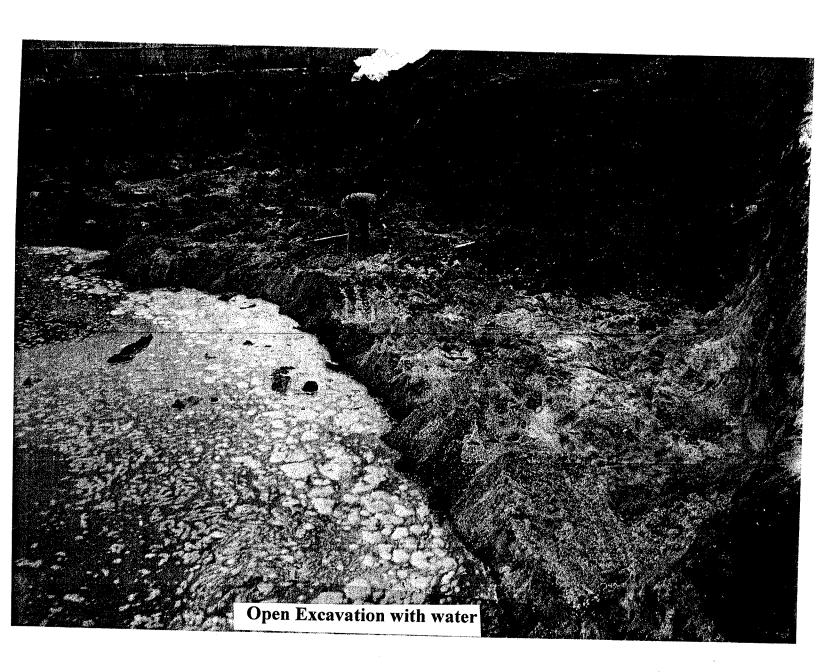


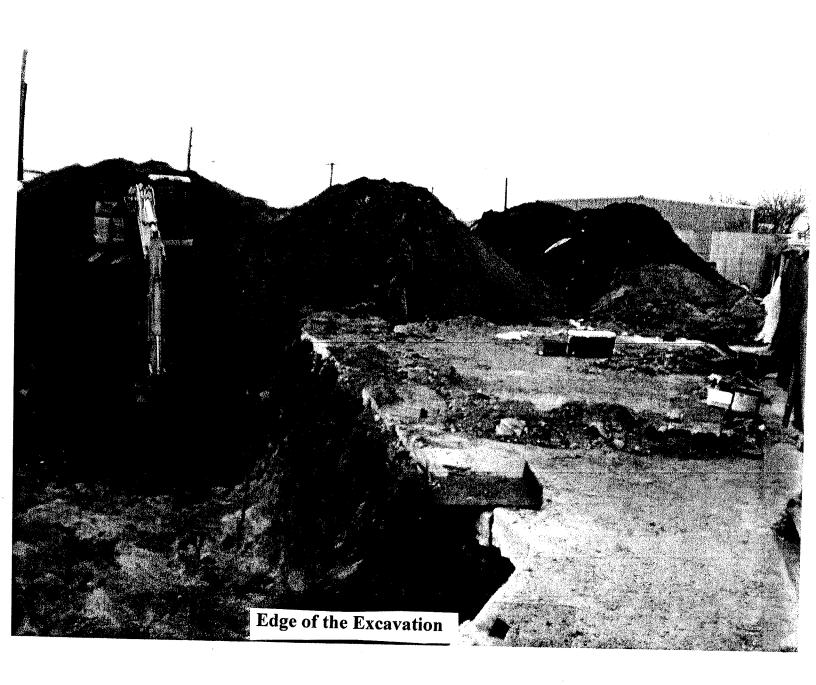


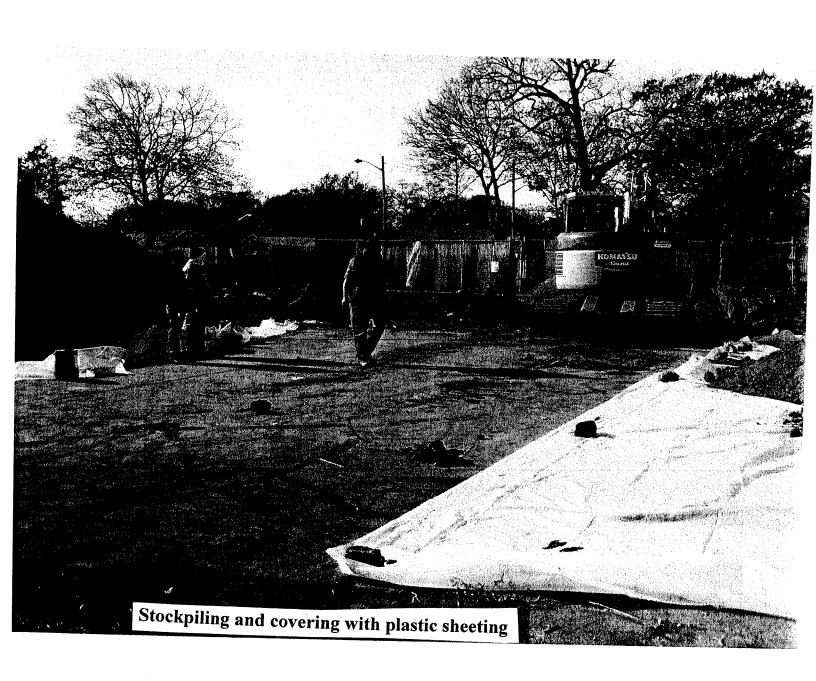


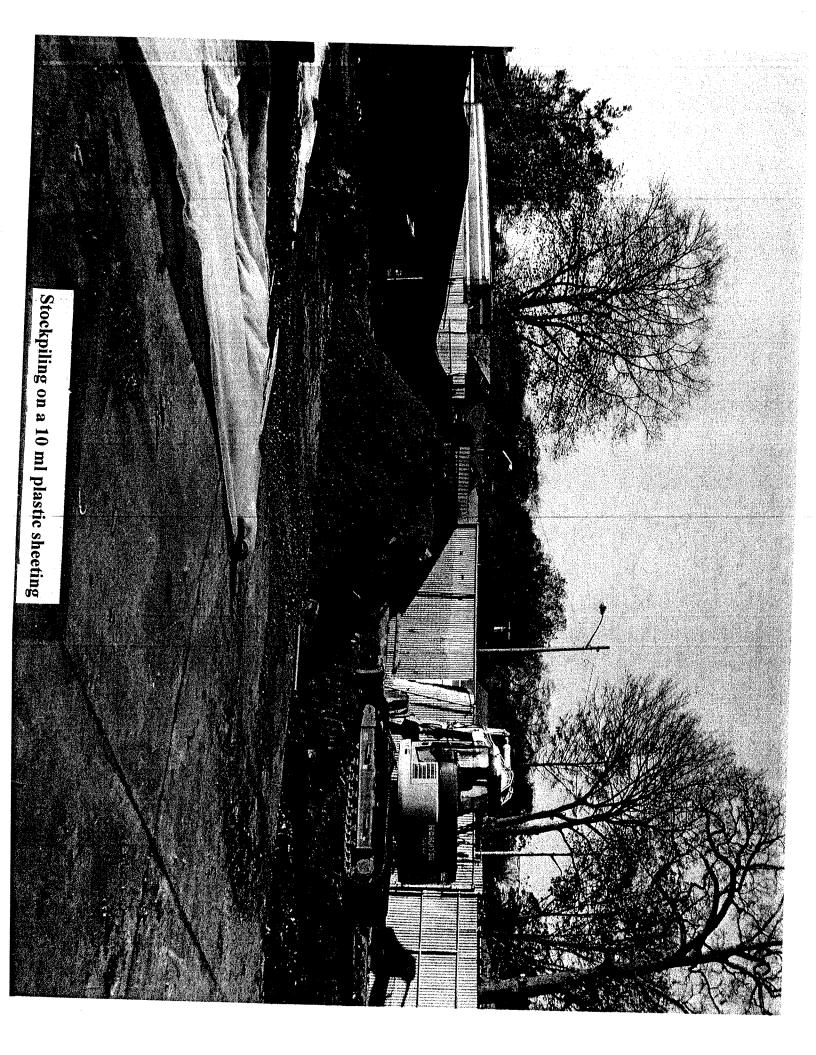












APPENDIX B

COPIES OF LABORATORY DATA SHEETS FOR SOIL

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

Laboratory Identifier: 0911315

Received: 11/18/2009 16:28 Sampled by: Francis Onaga

Client: CES Environmental Services

190 William Street Suite 1C South River, NJ 08882

Project: 48 Sewell St

48 Sewell St Hempstead, NY

Manager: Francis Onaga

Respectfully submitted,

Technical Director

NYS Lab ID # 10969 NJ Cert. # 73812 CT Cert. # PH0645 MA Cert. # NY061 PA Cert. #002

The information contained in this report is confidential and intended only for the use of the client listed above. This report shall not be reproduced, except in full, without the written consent of Environmental Testing Laboratories, Inc. Analytical results relate to the samples AS RECEIVED BY THE LABORATORY.



Page: 1 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0911315-1

Client Sample ID: EP-1

Collected: 11/18/2009 13:10

% Solid: 79.8%

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.017	0.017	mg/Kg	U

^{*} Results are reported on a dry weight basis

Sample: 0911315-2

Client Sample ID: EP-2

Collected: 11/18/2009 13:13

Matrix: Soil

Type: Grab

Type: Grab

% Solid: 89.2%

Remarks:

Analyzed Date: 11/20/2009 Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.015	0.015	mg/Kg	U

^{*} Results are reported on a dry weight basis

Sample: 0911315-3

Client Sample ID: EP-3

Collected: 11/18/2009 13:15

Matrix: Soil

Type: Grab

% Solid: 87.6%

Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.016		mg/Kg	U

^{*} Results are reported on a dry weight basis



- 0911315 - Page: 2 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0911315-4

Client Sample ID: EP-4

Type: Grab

Collected: 11/18/2009 13:18

% Solid: 83%

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.017	0.057	mg/Kg	

^{*} Results are reported on a dry weight basis

Sample: 0911315-5

Client Sample ID: EP-5

Type: Grab

Collected: 11/18/2009 13:25

% Solid: 88.7%

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.015	0.087	mg/Kg	

^{*} Results are reported on a dry weight basis

Sample: 0911315-6

Client Sample ID: EP-6

Matrix: Soil Remarks:

Type: Grab

Collected: 11/18/2009 13:29

% Solid: 89.9%

Analyzed Date: 11/20/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.015		mg/Kg	

^{*} Results are reported on a dry weight basis

Page: 3 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0911315-7

Client Sample ID: EP-7 Collected: 11/18/2009 15:10

Type: Grab

% Solid: 87.9%

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.016	0.34	mg/Kg	

^{*} Results are reported on a dry weight basis

Sample: 0911315-8

Client Sample ID: EP-8 Collected: 11/18/2009 15:12

Matrix: Soil Type: Grab % Solid: 84.8%

Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.016	0.043	mg/Kg	

^{*} Results are reported on a dry weight basis

Sample: 0911315-9

Client Sample ID: EP-9 Collected: 11/18/2009 15:15

Matrix: Soil Type: Grab % Solid: 83.8%

Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.017	0.11	mg/Kg	

^{*} Results are reported on a dry weight basis

- 0911315 - Page: 4 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0911315-10

Client Sample ID: EP-10

Type: Grab

Collected: 11/18/2009 15:20

% Solid: 90.5%

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.015	0.015	mg/Kg	U

^{*} Results are reported on a dry weight basis

Page: 5 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Sample: 0911315-1

Client Sample ID: EP-1 Collected: 11/18/2009 13:10

Type: Grab % Solid: 79.8%

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009 Preparation Date(s): 11/19/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.57	477	mg/Kg	
7440-36-0	Antimony	1.17	1.17	mg/Kg	U
7440-38-2	Arsenic	0.91	0.91	mg/Kg	U
7440-39-3	Barium	0.39	2.84	mg/Kg	
7440-41-7	Beryllium	0.22	0.22	mg/Kg	U
7440-43-9	Cadmium	0.31	0.31	mg/Kg	U
7440-70-2	Calcium	3.23	59.3	mg/Kg	
7440-47-3	Chromium	0.24	96.6	mg/Kg	
7440-48-4	Cobalt	0.39	0.39	mg/Kg	U
7440-50-8	Copper	1.01	6.91	mg/Kg	
7439-89-6	Iron	2.24	2880	mg/Kg	
7439-92-1	Lead	0.46	4.93	mg/Kg	
7439-95-4	Magnesium	4.73	87.0	mg/Kg	
7439-96-5	Manganese	1.25	10.4	mg/Kg	
7440-02-0	Nickel	1.28	74.8	mg/Kg	
7440-09-7	Potassium	6.51	11400	mg/Kg	
7782-49-2	Selenium	0.76	0.76	mg/Kg	U
7440-22-4	Silver	0.35	0.35	mg/Kg	U
7440-23-5	Sodium	2.70	32300	mg/Kg	
7440-28-0	Thallium	0.97	0.97	mg/Kg	U
7440-62-2	Vanadium	0.31	2.62	mg/Kg	
7440-66-6	Zinc	2.62	2.62	mg/Kg	U

^{*} Results are reported on a dry weight basis



- 0911315 - Page: 6 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Type: Grab

Sample: 0911315-2

Client Sample ID: EP-2

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s): 11/19/2009

Collected: 11/18/2009 13:13

% Solid: 89.2%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.40	652	mg/Kg	
7440-36-0	Antimony	1.04	1.04	mg/Kg	U
7440-38-2	Arsenic	0.81	0.81	mg/Kg	U
7440-39-3	Barium	0.34	3.65	mg/Kg	
7440-41-7	Beryllium	0.20	0.20	mg/Kg	U
7440-43-9	Cadmium	0.28	0.28	mg/Kg	U
7440-70-2	Calcium	2.87	2.87	mg/Kg	U
7440-47-3	Chromium	0.21	40.6	mg/Kg	
7440-48-4	Cobalt	0.34	0.75	mg/Kg	
7440-50-8	Copper	0.90	8.68	mg/Kg	
7439-89-6	Iron	2.00	2130	mg/Kg	
7439-92-1	Lead	0.41	0.41	mg/Kg	U
7439-95-4	Magnesium	4.22	542	mg/Kg	
7439-96-5	Manganese	1.11	16.7	mg/Kg	
7440-02-0	Nickel	1.14	64.7	mg/Kg	
7440-09-7	Potassium	5.81	11400	mg/Kg	
7782-49-2	Selenium	0.68	0.68	mg/Kg	U
7440-22-4	Silver	0.31	3.85	mg/Kg	
7440-23-5	Sodium	2.41	31100	mg/Kg	
7440-28-0	Thallium	0.87	0.87	mg/Kg	U
7440-62-2	Vanadium	0.28	1.91	mg/Kg	
7440-66-6	Zinc	2.33	3.27	mg/Kg	

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Sample: 0911315-3

Client Sample ID: EP-3

· ·

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009 Preparation Date(s): 11/19/2009 Type: Grab

Collected: 11/18/2009 13:15

% Solid: 87.6%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.44	1080	mg/Kg	
7440-36-0	Antimony	1.07	1.07	mg/Kg	U
7440-38-2	Arsenic	0.83	0.83	mg/Kg	U
7440-39-3	Barium	0.35	3.35	mg/Kg	
7440-41-7	Beryllium	0.21	0.21	mg/Kg	U
7440-43-9	Cadmium	0.28	0.28	mg/Kg	U
7440-70-2	Calcium	2.95	141	mg/Kg	
7440-47-3	Chromium	0.22	140	mg/Kg	
7440-48-4	Cobalt	0.35	1.32	mg/Kg	
7440-50-8	Copper	0.92	7.12	mg/Kg	
7439-89-6	Iron	2.05	1940	mg/Kg	
7439-92-1	Lead	0.42	5.17	mg/Kg	
7439-95-4	Magnesium	4.33	125	mg/Kg	
7439-96-5	Manganese	1.14	167	mg/Kg	
7440-02-0	Nickel	1.17	63.1	mg/Kg	
7440-09-7	Potassium	5.96	11800	mg/Kg	E
7782-49-2	Selenium	0.69	0.69	mg/Kg	U
7440-22-4	Silver	0.32	0.32	mg/Kg	U
7440-23-5	Sodium	2.47	34500	mg/Kg	
7440-28-0	Thallium	0.89	0.89	mg/Kg	U
7440-62-2	Vanadium	0.28	1.26	mg/Kg	
7440-66-6	Zinc	2.39	2.39	mg/Kg	U

^{*} Results are reported on a dry weight basis

Page: 8 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Sample: 0911315-4

Client Sample ID: EP-4

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009

Preparation Date(s): 11/19/2009

Type: Grab

Collected: 11/18/2009 13:18

% Solid: 83%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.53	1590	mg/Kg	
7440-36-0	Antimony	1.14	1.14	mg/Kg	U
7440-38-2	Arsenic	0.89	0.89	mg/Kg	U
7440-39-3	Barium	0.38	7.07	mg/Kg	
7440-41-7	Beryllium	0.22	0.22	mg/Kg	U
7440-43-9	Cadmium	0.30	0.30	mg/Kg	U
7440-70-2	Calcium	3.15	145	mg/Kg	
7440-47-3	Chromium	0.23	506	mg/Kg	
7440-48-4	Cobalt	0.38	2.34	mg/Kg	
7440-50-8	Copper	0.99	13.0	mg/Kg	
7439-89-6	Iron	2.19	2980	mg/Kg	
7439-92-1	Lead	0.45	17.1	mg/Kg	
7439-95-4	Magnesium	4.62	111	mg/Kg	
7439-96-5	Manganese	1.22	262	mg/Kg	
7440-02-0	Nickel	1.25	130	mg/Kg	
7440-09-7	Potassium	6.36	12200	mg/Kg	Е
7782-49-2	Selenium	0.74	0.74	mg/Kg	U
7440-22-4	Silver	0.34	0.34	mg/Kg	U
7440-23-5	Sodium	2.64	35600	mg/Kg	
7440-28-0	Thallium	0.95	0.95	mg/Kg	U
7440-62-2	Vanadium	0.30	1.41	mg/Kg	
7440-66-6	Zinc	2.56	10.8	mg/Kg	

^{*} Results are reported on a dry weight basis

Page: 9 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Sample: 0911315-5

Client Sample ID: EP-5

Matrix: Soil

Type: Grab

Collected: 11/18/2009 13:25

% Solid: 88.7%

Remarks:

Analyzed Date: 11/20/2009 Preparation Date(s): 11/19/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.41	1770	mg/Kg	
7440-36-0	Antimony	1.05	1.05	mg/Kg	U
7440-38-2	Arsenic	0.82	3.74	mg/Kg	
7440-39-3	Barium	0.35	10.8	mg/Kg	
7440-41-7	Beryllium	0.20	0.20	mg/Kg	U
7440-43-9	Cadmium	0.28	0.34	mg/Kg	
7440-70-2	Calcium	2.90	116	mg/Kg	
7440-47-3	Chromium	0.21	202	mg/Kg	
7440-48-4	Cobalt	0.35	0.87	mg/Kg	
7440-50-8	Copper	0.91	5.54	mg/Kg	
7439-89-6	Iron	2.02	4170	mg/Kg	
7439-92-1	Lead	0.41	13.2	mg/Kg	
7439-95-4	Magnesium	4.26	162	mg/Kg	
7439-96-5	Manganese	1.12	625	mg/Kg	
7440-02-0	Nickel	1.15	40.2	mg/Kg	
7440-09-7	Potassium	5.86	11100	mg/Kg	
7782-49-2	Selenium	0.68	0.68	mg/Kg	U
7440-22-4	Silver	0.31	0.31	mg/Kg	U
7440-23-5	Sodium	2.43	33600	mg/Kg	
7440-28-0	Thallium	0.87	0.87	mg/Kg	U
7440-62-2	Vanadium	0.28	3.68	mg/Kg	
7440-66-6	Zinc	2.35	6.01	mg/Kg	

^{*} Results are reported on a dry weight basis

Page: 10 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Sample: 0911315-6

Client Sample ID: EP-6

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009 Preparation Date(s): 11/19/2009 Type: Grab

Collected: 11/18/2009 13:29

% Solid: 89.9%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.41	4730	mg/Kg	
7440-36-0	Antimony	1.05	1.05	mg/Kg	U
7440-38-2	Arsenic	0.82	0.82	mg/Kg	U
7440-39-3	Barium	0.35	12.9	mg/Kg	
7440-41-7	Beryllium	0.20	0.20	mg/Kg	U
7440-43-9	Cadmium	0.28	0.35	mg/Kg	
7440-70-2	Calcium	2.90	2.90	mg/Kg	U
7440-47-3	Chromium	0.21	241	mg/Kg	
7440-48-4	Cobalt	0.35	2.19	mg/Kg	
7440-50-8	Copper	0.91	10.6	mg/Kg	
7439-89-6	Iron	2.01	4710	mg/Kg	
7439-92-1	Lead	0.41	7.86	mg/Kg	
7439-95-4	Magnesium	4.25	543	mg/Kg	
7439-96-5	Manganese	1.12	97.2	mg/Kg	
7440-02-0	Nickel	1.15	86.1	mg/Kg	
7440-09-7	Potassium	5.85	10900	mg/Kg	
7782-49-2	Selenium	0.68	0.68	mg/Kg	U
7440-22-4	Silver	0.31	0.31	mg/Kg	U
7440-23-5	Sodium	2.43	30800	mg/Kg	
7440-28-0	Thallium	0.87	0.87	mg/Kg	U
7440-62-2	Vanadium	0.28	5.10	mg/Kg	
7440-66-6	Zinc	2.35	10.0	mg/Kg	

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Sample: 0911315-7

Client Sample ID: EP-7

Matrix: Soil

Remarks:

Analyzed Date: 11/20/2009 Preparation Date(s): 11/19/2009 Type: Grab

Collected: 11/18/2009 15:10

% Solid: 87.9%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.43	4140	mg/Kg	
7440-36-0	Antimony	1.07	1.07	mg/Kg	U
7440-38-2	Arsenic	0.83	0.83	mg/Kg	U
7440-39-3	Barium	0.35	23.4	mg/Kg	
7440-41-7	Beryllium	0.20	0.20	mg/Kg	U
7440-43-9	Cadmium	0.28	0.43	mg/Kg	
7440-70-2	Calcium	2.95	958	mg/Kg	
7440-47-3	Chromium	0.22	34.4	mg/Kg	
7440-48-4	Cobalt	0.35	2.43	mg/Kg	
7440-50-8	Copper	0.92	9.91	mg/Kg	
7439-89-6	Iron	2.05	4850	mg/Kg	
7439-92-1	Lead	0.42	31.1	mg/Kg	
7439-95-4	Magnesium	4.32	404	mg/Kg	
7439-96-5	Manganese	1.14	188	mg/Kg	
7440-02-0	Nickel	1.17	23.6	mg/Kg	
7440-09-7	Potassium	5.95	11000	mg/Kg	
7782-49-2	Selenium	0.69	0.69	mg/Kg	U
7440-22-4	Silver	0.32	0.32	mg/Kg	U
7440-23-5	Sodium	2.47	30600	mg/Kg	
7440-28-0	Thallium	0.89	0.89	mg/Kg	U
7440-62-2	Vanadium	0.28	6.55	mg/Kg	
7440-66-6	Zinc	2.39	17.5	mg/Kg	

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Type: Grab

Sample: 0911315-8

Client Sample ID: EP-8

Matrix: Soil

Remarks: Analyzed Date: 11/20/2009

Preparation Date(s): 11/19/2009

Collected: 11/18/2009 15:12

% Solid: 84.8%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.48	2420	mg/Kg	
7440-36-0	Antimony	1.10	1.10	mg/Kg	U
7440-38-2	Arsenic	0.86	0.86	mg/Kg	U
7440-39-3	Barium	0.36	16.8	mg/Kg	
7440-41-7	Beryllium	0.21	0.21	mg/Kg	U
7440-43-9	Cadmium	0.29	0.29	mg/Kg	U
7440-70-2	Calcium	3.04	439	mg/Kg	
7440-47-3	Chromium	0.22	62.9	mg/Kg	
7440-48-4	Cobalt	0.36	1.34	mg/Kg	
7440-50-8	Copper	0.95	9.83	mg/Kg	
7439-89-6	Iron	2.11	3550	mg/Kg	
7439-92-1	Lead	0.43	25.8	mg/Kg	
7439-95-4	Magnesium	4.46	313	mg/Kg	
7439-96-5	Manganese	1.17	571	mg/Kg	
7440-02-0	Nickel	1.21	62.5	mg/Kg	
7440-09-7	Potassium	6.14	11700	mg/Kg	
7782-49-2	Selenium	0.72	0.72	mg/Kg	U
7440-22-4	Silver	0.33	0.33	mg/Kg	U
7440-23-5	Sodium	2.55	32600	mg/Kg	
7440-28-0	Thallium	0.92	0.92	mg/Kg	U
7440-62-2	Vanadium	0.29	4.08	mg/Kg	
7440-66-6	Zinc	2.47	15.2	mg/Kg	

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Sample: 0911315-9

Client Sample ID: EP-9

Matrix: Soil Remarks:

Analyzed Date: 11/20/2009 Preparation Date(s): 11/19/2009

Type: Grab

Collected: 11/18/2009 15:15

% Solid: 83.8%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.51	2920	mg/Kg	
7440-36-0	Antimony	1.12	1.12	mg/Kg	U
7440-38-2	Arsenic	0.87	0.87	mg/Kg	U
7440-39-3	Barium	0.37	90.0	mg/Kg	
7440-41-7	Beryllium	0.22	0.22	mg/Kg	U
7440-43-9	Cadmium	0.30	0.45	mg/Kg	
7440-70-2	Calcium	3.10	710	mg/Kg	
7440-47-3	Chromium	0.23	1650	mg/Kg	
7440-48-4	Cobalt	0.37	1.61	mg/Kg	
7440-50-8	Copper	0.97	28.1	mg/Kg	
7439-89-6	Iron	2.15	4940	mg/Kg	
7439-92-1	Lead	0.44	140	mg/Kg	
7439-95-4	Magnesium	4.54	361	mg/Kg	
7439-96-5	Manganese	1.20	345	mg/Kg	
7440-02-0	Nickel	1.23	94.2	mg/Kg	
7440-09-7	Potassium	6.25	12200	mg/Kg	Е
7782-49-2	Selenium	0.73	0.73	mg/Kg	U
7440-22-4	Silver	0.33	0.33	mg/Kg	U
7440-23-5	Sodium	2.59	34100	mg/Kg	
7440-28-0	Thallium	0.93	0.93	mg/Kg	U
7440-62-2	Vanadium	0.30	0.30	mg/Kg	U
7440-66-6	Zinc	2.51	36.6	mg/Kg	

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

TAL Metals by SW846 6010

Sample: 0911315-10

Client Sample ID: EP-10

Matrix: Soil

Remarks:

Analyzed Date: 11/20/2009 Preparation Date(s): 11/19/2009 Type: Grab

Collected: 11/18/2009 15:20

% Solid: 90.5%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.40	1320	mg/Kg	
7440-36-0	Antimony	1.04	1.04	mg/Kg	U
7440-38-2	Arsenic	0.81	0.81	mg/Kg	U
7440-39-3	Barium	0.34	11.6	mg/Kg	
7440-41-7	Beryllium	0.20	0.20	mg/Kg	U
7440-43-9	Cadmium	0.28	0.28	mg/Kg	U
7440-70-2	Calcium	2.87	62.3	mg/Kg	
7440-47-3	Chromium	0.21	3.22	mg/Kg	
7440-48-4	Cobalt	0.34	0.71	mg/Kg	
7440-50-8	Copper	0.90	0.90	mg/Kg	U
7439-89-6	Iron	1.99	2460	mg/Kg	
7439-92-1	Lead	0.41	0.41	mg/Kg	U
7439-95-4	Magnesium	4.21	98.8	mg/Kg	
7439-96-5	Manganese	1.11	803	mg/Kg	
7440-02-0	Nickel	1.14	31.5	mg/Kg	
7440-09-7	Potassium	5.79	11200	mg/Kg	E
7782-49-2	Selenium	0.68	0.68	mg/Kg	U
7440-22-4	Silver	0.31	0.31	mg/Kg	U
7440-23-5	Sodium	2.40	33300	mg/Kg	
7440-28-0	Thallium	0.86	0.86	mg/Kg	U
7440-62-2	Vanadium	0.28	1.80	mg/Kg	
7440-66-6	Zinc	2.33	4.71	mg/Kg	

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/23/2009

ORGANIC METHOD QUALIFIERS

- Q Qualifier specified entries and their meanings are as follows:
 - U The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.
 - J Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
 - B The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
 - E The concentration of the analyte exceeded the calibration range of the instrument.
 - D This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

- C (Concentration) qualifiers are as follows:
 - B Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Method Detection Limit (MDL).
 - U Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.
- Q Qualifier specific entries and their meanings are as follows:
 - E Reported value is estimated because of the presence of interferences.
- M (Method) qualifiers are as follows:
 - A Flame AA
 - AS Semi-automated Spectrophotometric
 - AV Automated Cold Vapor AA
 - C Manual Spectrophotometric
 - F Furnace AA
 - P ICP
 - T Titrimetric

OTHER QUALIFIERS

- ND Not Detected
- NA Not Applicable
- NR Not Required
- Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)
- x Outside Expected Range

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CHAIN OF CUSTODY

208 Route 109, Farmingdale, NY 11735 (Tel.) 631-249-1456 (Fax) 631-249-8344

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Rec'vd Date: 11/18/09 16 28

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

<u>Laboratory Identifier: 0911342</u>

Received: 11/19/2009 14:55 Sampled by: Francis Onaga

Client: CES Environmental Services

190 William Street Suite 1C South River, NJ 08882

Project: 48 Sewell St

48 Sewell St Hempstead, NY

Manager: Francis Onaga

Respectfully submitted,

Technical Director

NYS Lab ID # 10969 NJ Cert. # 73812 CT Cert. # PH0645 MA Cert. # NY061 PA Cert. #002

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0911342-1

Client Sample ID: EP-11

Type: Grab

Collected: 11/19/2009 12:15

% Solid: 96.1%

Matrix: Soil Remarks:

Analyzed Date: 11/24/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.014	0.014	mg/Kg	U

^{*} Results are reported on a dry weight basis

Sample: 0911342-2

Client Sample ID: EP-12

Type: Grab

Collected: 11/19/2009 12:20

% Solid: 79.2%

Matrix: Soil Remarks:

Analyzed Date: 11/24/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.018	0.022	mg/Kg	

^{*} Results are reported on a dry weight basis

Sample: 0911342-3

Client Sample ID: EP-13

Matrix: Soil

Type: Grab

Collected: 11/19/2009 12:25

% Solid: 83.5%

Remarks:

Analyzed Date: 11/24/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.016		mg/Kg	U

- 0911342 -



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^{*} Results are reported on a dry weight basis

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0911342-4

Client Sample ID: EP-14

Type: Grab

Collected: 11/19/2009 12:30

% Solid: 87.2%

Matrix: Soil Remarks:

Analyzed Date: 11/24/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.016	0.016	mg/Kg	U

^{*} Results are reported on a dry weight basis

Sample: 0911342-5

Client Sample ID: EP-15

Type: Grab

Collected: 11/19/2009 12:37

% Solid: 95.9%

Matrix: Soil Remarks:

Analyzed Date: 11/24/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.014		mg/Kg	

^{*} Results are reported on a dry weight basis

Sample: 0911342-6

Client Sample ID: EP-16

Matrix: Soil

Type: Grab

Collected: 11/19/2009 12:40

% Solid: 96.9%

Remarks:

Analyzed Date: 11/24/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.014	0.014	mg/Kg	U

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0911342-7

Client Sample ID: EP-17

Collected: 11/19/2009 12:45

% Solid: 95.9%

% Solid: 96%

Matrix: Soil Remarks:

Analyzed Date: 11/24/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.014	0.018	mg/Kg	

^{*} Results are reported on a dry weight basis

Sample: 0911342-8

Client Sample ID: EP-18

Type: Grab

Type: Grab

Type: Grab

Collected: 11/19/2009 12:49

Matrix: Soil

Remarks: Analyzed Date: 11/24/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.014	0.018	mg/Kg	

^{*} Results are reported on a dry weight basis

Sample: 0911342-9

Client Sample ID: EP-19

Collected: 11/19/2009 12:55 % Solid: 94.1%

Matrix: Soil Remarks:

Analyzed Date: 11/24/2009

Preparation Date(s):

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.014		mg/Kg	

^{*} Results are reported on a dry weight basis



- 0911342 - Page: 4 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0911342-10

Client Sample ID: EP-20

Analyzed Date: 11/24/2009

Matrix: Soil Remarks:

Type: Grab

Preparation Date(s):

Collected: 11/19/2009 13:05

% Solid: 96.5%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.014	0.031	mg/Kg	
* Danulka ana		·	L	<u> </u>	

- 0911342 -

* Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-1

Client Sample ID: EP-11

Matrix: Soil

Type: Grab

Collected: 11/19/2009 12:15

% Solid: 96.1%

Remarks:

Analyzed Date: 11/24/2009 Preparation Date(s): 11/23/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.31	3020	mg/Kg	
7440-36-0	Antimony	0.98	0.98	mg/Kg	U
7440-38-2	Arsenic	0.76	0.76	mg/Kg	U
7440-39-3	Barium	0.32	9.44	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.26	0.62	mg/Kg	
7440-70-2	Calcium	2.70	73.3	mg/Kg	
7440-47-3	Chromium	0.20	53.2	mg/Kg	
7440-48-4	Cobalt	0.32	6.84	mg/Kg	
7440-50-8	Copper	0.84	8.68	mg/Kg	
7439-89-6	Iron	1.88	7660	mg/Kg	
7439-92-1	Lead	0.39	4.29	mg/Kg	
7439-95-4	Magnesium	3.96	737	mg/Kg	
7439-96-5	Manganese	1.04	57.7	mg/Kg	
7440-02-0	Nickel	1.07	19.8	mg/Kg	
7440-09-7	Potassium	5.45	9380	mg/Kg	
7782-49-2	Selenium	0.64	0.64	mg/Kg	U
7440-22-4	Silver	0.29	0.29	mg/Kg	U
7440-23-5	Sodium	2.26	28100	mg/Kg	
7440-28-0	Thallium	0.81	0.81	mg/Kg	U
7440-62-2	Vanadium	0.26	5.95	mg/Kg	
7440-66-6	Zinc	2.19	37.5	mg/Kg	

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-2

Client Sample ID: EP-12

Matrix: Soil

Type: Grab

Collected: 11/19/2009 12:20

% Solid: 79.2%

Remarks:

Analyzed Date: 11/24/2009 Preparation Date(s): 11/23/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.57	4150	mg/Kg	
7440-36-0	Antimony	1.17	1.17	mg/Kg	U
7440-38-2	Arsenic	0.91	0.91	mg/Kg	U
7440-39-3	Barium	0.39	9.86	mg/Kg	
7440-41-7	Beryllium	0.22	0.22	mg/Kg	U
7440-43-9	Cadmium	0.31	0.37	mg/Kg	
7440-70-2	Calcium	3.23	196	mg/Kg	
7440-47-3	Chromium	0.24	5.33	mg/Kg	
7440-48-4	Cobalt	0.39	1.93	mg/Kg	
7440-50-8	Copper	1.01	1.01	mg/Kg	U
7439-89-6	Iron	2.25	5280	mg/Kg	
7439-92-1	Lead	0.46	0.46	mg/Kg	U
7439-95-4	Magnesium	4.74	1280	mg/Kg	
7439-96-5	Manganese	1.25	40.7	mg/Kg	
7440-02-0	Nickel	1.29	33.5	mg/Kg	
7440-09-7	Potassium	6.53	12300	mg/Kg	
7782-49-2	Selenium	0.76	0.76	mg/Kg	U
7440-22-4	Silver	0.35	0.35	mg/Kg	U
7440-23-5	Sodium	2.71	39000	mg/Kg	
7440-28-0	Thallium	0.97	0.97	mg/Kg	U
7440-62-2	Vanadium	0.31	6.36	mg/Kg	
7440-66-6	Zinc	2.62	9.15	mg/Kg	

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-3

Client Sample ID: EP-13

Matrix: Soil

Remarks:

Analyzed Date: 11/24/2009 Preparation Date(s): 11/23/2009 Type: Grab

Collected: 11/19/2009 12:25

% Solid: 83.5%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.51	1930	mg/Kg	
7440-36-0	Antimony	1.13	1.13	mg/Kg	U
7440-38-2	Arsenic	0.87	0.87	mg/Kg	U
7440-39-3	Barium	0.37	7.35	mg/Kg	
7440-41-7	Beryllium	0.22	0.22	mg/Kg	U
7440-43-9	Cadmium	0.30	0.61	mg/Kg	
7440-70-2	Calcium	3.10	149	mg/Kg	
7440-47-3	Chromium	0.23	27.4	mg/Kg	
7440-48-4	Cobalt	0.37	4.30	mg/Kg	
7440-50-8	Copper	0.97	16.7	mg/Kg	
7439-89-6	Iron	2.16	7130	mg/Kg	
7439-92-1	Lead	0.44	0.44	mg/Kg	U
7439-95-4	Magnesium	4.55	316	mg/Kg	
7439-96-5	Manganese	1.20	201	mg/Kg	
7440-02-0	Nickel	1.23	31.7	mg/Kg	
7440-09-7	Potassium	6.26	11500	mg/Kg	
7782-49-2	Selenium	0.73	0.73	mg/Kg	U
7440-22-4	Silver	0.34	0.34	mg/Kg	U
7440-23-5	Sodium	2.60	31600	mg/Kg	
7440-28-0	Thallium	0.93	0.93	mg/Kg	U
7440-62-2	Vanadium	0.30	7.17	mg/Kg	
7440-66-6	Zinc	2.52	6.67	mg/Kg	

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-4

Client Sample ID: EP-14

Matrix: Soil

Remarks: Analyzed Date: 11/24/2009

Preparation Date(s): 11/23/2009

Type: Grab

Collected: 11/19/2009 12:30

% Solid: 87.2%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.43	3290	mg/Kg	
7440-36-0	Antimony	1.07	1.07	mg/Kg	U
7440-38-2	Arsenic	0.83	0.83	mg/Kg	U
7440-39-3	Barium	0.35	15.1	mg/Kg	
7440-41-7	Beryllium	0.20	0.20	mg/Kg	U
7440-43-9	Cadmium	0.28	0.76	mg/Kg	
7440-70-2	Calcium	2.94	234	mg/Kg	
7440-47-3	Chromium	0.22	6.77	mg/Kg	
7440-48-4	Cobalt	0.35	5.19	mg/Kg	
7440-50-8	Copper	0.92	25.1	mg/Kg	
7439-89-6	Iron	2.04	10900	mg/Kg	
7439-92-1	Lead	0.42	0.42	mg/Kg	U
7439-95-4	Magnesium	4.31	924	mg/Kg	
7439-96-5	Manganese	1.14	185	mg/Kg	
7440-02-0	Nickel	1.17	92.4	mg/Kg	
7440-09-7	Potassium	5.94	11400	mg/Kg	E
7782-49-2	Selenium	0.69	0.69	mg/Kg	U
7440-22-4	Silver	0.32	0.32	mg/Kg	U
7440-23-5	Sodium	2.46	34600	mg/Kg	
7440-28-0	Thallium	0.89	0.89	mg/Kg	U
7440-62-2	Vanadium	0.28	7.75	mg/Kg	
7440-66-6	Zinc	2.38	14.4	mg/Kg	

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-5

Client Sample ID: EP-15

Matrix: Soil

Type: Grab

Collected: 11/19/2009 12:37

% Solid: 95.9%

Remarks:

Analyzed Date: 11/24/2009 Preparation Date(s): 11/23/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.31	2330	mg/Kg	
7440-36-0	Antimony	0.97	0.97	mg/Kg	U
7440-38-2	Arsenic	0.76	0.76	mg/Kg	U
7440-39-3	Barium	0.32	11.2	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.26	0.51	mg/Kg	
7440-70-2	Calcium	2.68	109	mg/Kg	
7440-47-3	Chromium	0.20	53.9	mg/Kg	
7440-48-4	Cobalt	0.32	1.44	mg/Kg	
7440-50-8	Copper	0.84	7.62	mg/Kg	
7439-89-6	Iron	1.87	5960	mg/Kg	
7439-92-1	Lead	0.38	3.25	mg/Kg	
7439-95-4	Magnesium	3.94	423	mg/Kg	
7439-96-5	Manganese	1.04	24.9	mg/Kg	
7440-02-0	Nickel	1.07	46.1	mg/Kg	
7440-09-7	Potassium	5.42	10200	mg/Kg	
7782-49-2	Selenium	0.63	0.63	mg/Kg	U
7440-22-4	Silver	0.29	0.29	mg/Kg	U
7440-23-5	Sodium	2.25	27100	mg/Kg	
7440-28-0	Thallium	0.81	0.81	mg/Kg	U
7440-62-2	Vanadium	0.26	5.07	mg/Kg	
7440-66-6	Zinc	2.18	6.86	mg/Kg	

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-6

Client Sample ID: EP-16

Matrix: Soil

Remarks:

Analyzed Date: 11/24/2009 Preparation Date(s): 11/23/2009 Type: Grab

Collected: 11/19/2009 12:40

% Solid: 96.9%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.29	1200	mg/Kg	
7440-36-0	Antimony	0.96	0.96	mg/Kg	U
7440-38-2	Arsenic	0.75	0.75	mg/Kg	U
7440-39-3	Barium	0.32	4.77	mg/Kg	
7440-41-7	Beryllium	0.18	0.18	mg/Kg	U
7440-43-9	Cadmium	0.26	0.26	mg/Kg	U
7440-70-2	Calcium	2.65	43.0	mg/Kg	
7440-47-3	Chromium	0.19	43.8	mg/Kg	
7440-48-4	Cobalt	0.32	0.52	mg/Kg	
7440-50-8	Copper	0.83	4.08	mg/Kg	
7439-89-6	Iron	1.84	1560	mg/Kg	
7439-92-1	Lead	0.38	4.01	mg/Kg	
7439-95-4	Magnesium	3.89	242	mg/Kg	
7439-96-5	Manganese	1.02	9.18	mg/Kg	
7440-02-0	Nickel	1.05	19.3	mg/Kg	
7440-09-7	Potassium	5.35	9440	mg/Kg	
7782-49-2	Selenium	0.62	0.62	mg/Kg	U
7440-22-4	Silver	0.29	0.29	mg/Kg	U
7440-23-5	Sodium	2.22	27400	mg/Kg	
7440-28-0	Thallium	0.80	. 0.80	mg/Kg	U
7440-62-2	Vanadium	0.26	1.54	mg/Kg	
7440-66-6	Zinc	2.15	2.15	mg/Kg	U

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-7

Client Sample ID: EP-17

Type: Grab

Collected: 11/19/2009 12:45

% Solid: 95.9%

Matrix: Soil Remarks:

Analyzed Date: 11/24/2009 Preparation Date(s): 11/23/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.30	1710	mg/Kg	
7440-36-0	Antimony	0.97	0.97	mg/Kg	U
7440-38-2	Arsenic	0.76	0.76	mg/Kg	U
7440-39-3	Barium	0.32	5.07	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.26	0.62	mg/Kg	
7440-70-2	Calcium	2.68	149	mg/Kg	
7440-47-3	Chromium	0.20	17.6	mg/Kg	
7440-48-4	Cobalt	0.32	0.47	mg/Kg	
7440-50-8	Copper	0.84	2.57	mg/Kg	
7439-89-6	Iron	1.86	7340	mg/Kg	
7439-92-1	Lead	0.38	6.72	mg/Kg	
7439-95-4	Magnesium	3.93	110	mg/Kg	
7439-96-5	Manganese	1.03	11.1	mg/Kg	
7440-02-0	Nickel	1.07	9.77	mg/Kg	
7440-09-7	Potassium	5.41	6670	mg/Kg	
7782-49-2	Selenium	0.63	0.63	mg/Kg	U
7440-22-4	Silver	0.29	0.29	mg/Kg	U
7440-23-5	Sodium	2.24	20500	mg/Kg	
7440-28-0	Thallium	0.81	0.81	mg/Kg	U
7440-62-2	Vanadium	0.26	6.76	mg/Kg	
7440-66-6	Zinc	2.17	2.17	mg/Kg	U

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-8

Client Sample ID: EP-18

Matrix: Soil

Remarks:

Analyzed Date: 11/24/2009 Preparation Date(s): 11/23/2009 Type: Grab

Collected: 11/19/2009 12:49

% Solid: 96%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.31	1650	mg/Kg	
7440-36-0	Antimony	0.98	0.98	mg/Kg	U
7440-38-2	Arsenic	0.76	0.76	mg/Kg	U
7440-39-3	Barium	0.32	15.5	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.26	0.55	mg/Kg	
7440-70-2	Calcium	2.70	103	mg/Kg	
7440-47-3	Chromium	0.20	61.5	mg/Kg	
7440-48-4	Cobalt	0.32	0.73	mg/Kg	
7440-50-8	Copper	0.84	12.4	mg/Kg	
7439-89-6	Iron	1.88	7710	mg/Kg	
7439-92-1	Lead	0.39	187	mg/Kg	
7439-95-4	Magnesium	3.96	422	mg/Kg	
7439-96-5	Manganese	1.04	17.2	mg/Kg	
7440-02-0	Nickel	1.07	14.9	mg/Kg	
7440-09-7	Potassium	5.45	10100	mg/Kg	
7782-49-2	Selenium	0.64	0.64	mg/Kg	U
7440-22-4	Silver	0.29	0.29	mg/Kg	U
7440-23-5	Sodium	2.26	33200	mg/Kg	
7440-28-0	Thallium	0.81	0.81	mg/Kg	U
7440-62-2	Vanadium	0.26	5.91	mg/Kg	
7440-66-6	Zinc	2.19	3.44	mg/Kg	

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-9

Client Sample ID: EP-19

Matrix: Soil

Remarks:

Analyzed Date: 11/24/2009 Preparation Date(s): 11/23/2009 Type: Grab

Collected: 11/19/2009 12:55

% Solid: 94.1%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.33	1460	mg/Kg	
7440-36-0	Antimony	0.99	0.99	mg/Kg	U
7440-38-2	Arsenic	0.77	0.77	mg/Kg	U
7440-39-3	Barium	0.33	3.55	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.26	0.26	mg/Kg	U
7440-70-2	Calcium	2.74	95.5	mg/Kg	
7440-47-3	Chromium	0.20	20.1	mg/Kg	
7440-48-4	Cobalt	0.33	0.79	mg/Kg	
7440-50-8	Copper	0.86	3.69	mg/Kg	
7439-89-6	Iron	1.90	2760	mg/Kg	
7439-92-1	Lead	0.39	9.08	mg/Kg	
7439-95-4	Magnesium	4.01	237	mg/Kg	
7439-96-5	Manganese	1.06	8.91	mg/Kg	
7440-02-0	Nickel	1.09	12.0	mg/Kg	
7440-09-7	Potassium	5.52	8890	mg/Kg	
7782-49-2	Selenium	0.64	0.64	mg/Kg	U
7440-22-4	Silver	0.30	0.30	mg/Kg	U
7440-23-5	Sodium	2.29	28000	mg/Kg	
7440-28-0	Thallium	0.82	0.82	mg/Kg	U
7440-62-2	Vanadium	0.26	3.36	mg/Kg	
7440-66-6	Zinc	2.22	2.22	mg/Kg	U

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

TAL Metals by SW846 6010

Sample: 0911342-10

Client Sample ID: EP-20

Matrix: Soil

Remarks:

Analyzed Date: 11/24/2009 Preparation Date(s): 11/23/2009 Type: Grab

Collected: 11/19/2009 13:05

% Solid: 96.5%

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.30	1280	mg/Kg	
7440-36-0	Antimony	0.97	0.97	mg/Kg	U
7440-38-2	Arsenic	0.75	0.75	mg/Kg	U
7440-39-3	Barium	0.32	2.29	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.26	0.26	mg/Kg	U
7440-70-2	Calcium	2.67	29.9	mg/Kg	
7440-47-3	Chromium	0.20	136	mg/Kg	
7440-48-4	Cobalt	0.32	0.46	mg/Kg	
7440-50-8	Copper	0.83	9.48	mg/Kg	
7439-89-6	Iron	1.85	1510	mg/Kg	
7439-92-1	Lead	0.38	0.38	mg/Kg	U
7439-95-4	Magnesium	3.91	188	mg/Kg	
7439-96-5	Manganese	1.03	11.4	mg/Kg	
7440-02-0	Nickel	1.06	35.4	mg/Kg	
7440-09-7	Potassium	5.39	9950	mg/Kg	
7782-49-2	Selenium	0.63	0.63	mg/Kg	U
7440-22-4	Silver	0.29	0.29	mg/Kg	U
7440-23-5	Sodium	2.24	30200	mg/Kg	
7440-28-0	Thallium	0.80	0.80	mg/Kg	U
7440-62-2	Vanadium	0.26	1.03	mg/Kg	
7440-66-6	Zinc	2.16	4.36	mg/Kg	

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

11/25/2009

ORGANIC METHOD QUALIFIERS

- Q Qualifier specified entries and their meanings are as follows:
 - U The analytical result is not detected above the Method Detection Limit (MDL).
 All MDL's are lower than the lowest calibration standard concentration.
 - J Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
 - B The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
 - E The concentration of the analyte exceeded the calibration range of the instrument.
 - D This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

- C (Concentration) qualifiers are as follows:
 - B Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Method Detection Limit (MDL).
 - U Entered when the analyte was analyzed for, but not detected above the Method
 Detection Limit (MDL) which is less than the lowest calibration standard concentration.
- Q Qualifier specific entries and their meanings are as follows:
 - E Reported value is estimated because of the presence of interferences.
- M (Method) qualifiers are as follows:
 - A Flame AA
 - AS Semi-automated Spectrophotometric
 - AV Automated Cold Vapor AA
 - C Manual Spectrophotometric
 - F Furnace AA
 - P ICP
 - T Titrimetric

OTHER QUALIFIERS

- ND Not Detected
- NA Not Applicable
- NR Not Required
- Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)
- x Outside Expected Range



- 0911342 - Page: 16 of 16

ETU

CHAIN OF CUSTODY

208 Route 109, Farmingdale, NY 11735 (Tel.) 631-249-1456 (Fax) 631-249-8344

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1 Day RUSH			Excel. PDF, GIS, GIS Key TAGMI	Task Log in and Initial Review	
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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

Laboratory Identifier: 0912000

Received: 12/1/2009 08:55

Client: CES Environmental Services

190 William Street Suite 1C South River, NJ 08882

Project: 48 Sewell St

48 Sewell St Hempstead, NY

Manager: Francis Onaga

Respectfully submitted,

Technical Director

NYS Lab ID # 10969 NJ Cert. # 73812 CT Cert. # PH0645 MA Cert. # NY061 PA Cert. #002

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0912000-1

Client Sample ID: EP-1-1 Collected: 11/27/2009

Matrix: Soil Type: Grab % Solid: 94.2%

Remarks:

Analyzed Date: 12/8/2009 Preparation Date(s): 12/3/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.014	0.014	mg/Kg	C

^{*} Results are reported on a dry weight basis

Sample: 0912000-2

Client Sample ID: EP-3-1 Collected: 11/27/2009

Matrix: Soil Type: Grab % Solid: 93.5%

Remarks:

Analyzed Date: 12/8/2009 Preparation Date(s): 12/3/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.015	0.015	mg/Kg	U

^{*} Results are reported on a dry weight basis

Sample: 0912000-3

Client Sample ID: EP-4-1 Collected: 11/27/2009

Matrix: Soil Type: Grab % Solid: 93.4%

Remarks:

Analyzed Date: 12/8/2009 Preparation Date(s): 12/3/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.015	0.015	mg/Kg	U

^{*} Results are reported on a dry weight basis



- 0912000 - Page: 2 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0912000-4

Client Sample ID: EP-5-1 Collected: 11/27/2009 Type: Grab

% Solid: 92.1%

Matrix: Soil Remarks:

Analyzed Date: 12/8/2009 Preparation Date(s): 12/3/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6		0.015	0.015	mg/Kg	U

^{*} Results are reported on a dry weight basis

Sample: 0912000-5

Client Sample ID: EP-6-1 Collected: 11/27/2009

Type: Grab % Solid: 91.9% Matrix: Soil

Remarks:

Analyzed Date: 12/8/2009 Preparation Date(s): 12/3/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.015		mg/Kg	U

^{*} Results are reported on a dry weight basis

Sample: 0912000-6

Client Sample ID: EP-8-1 Collected: 11/27/2009

Type: Grab Matrix: Soil % Solid: 93.8%

Remarks:

Analyzed Date: 12/8/2009 Preparation Date(s): 12/3/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.015	0.015	mg/Kg	C

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0912000-7

Client Sample ID: EP-9-1

Collected: 11/27/2009

Type: Grab

% Solid: 93.6%

Matrix: Soil

Remarks: Analyzed Date: 12/8/2009 Preparation Date(s): 12/3/2009

Analytical Results

Γ	Cas No	Analyte	MDL	Concentration*	Units	Q
T	7439-97-6	Mercury	0.015	0.015	mg/Kg	U

^{*} Results are reported on a dry weight basis

Sample: 0912000-8

Client Sample ID: EP-15-1

Type: Grab Collected: 11/27/2009
% Solid: 94%

Matrix: Soil

Remarks:

Analyzed Date: 12/8/2009 Preparation Date(s): 12/3/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.015	0.015	mg/Kg	U

^{*} Results are reported on a dry weight basis

Sample: 0912000-9

Client Sample ID: EP-18-1

Matrix: Soil

Type: Grab

Collected: 11/27/2009

% Solid: 93.7%

Remarks: Analyzed Date: 12/8/2009

Preparation Date(s): 12/3/2009

Analytical Results

	Cas No	Analyte	MDL	Concentration*	Units	Q
Ī	7439-97-6	Mercury	0.015	0.015	mg/Kg	U

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

Mercury by SW846 7470/7471/EPA 245.1

Sample: 0912000-10

Client Sample ID: EP-20-1

Type: Grab

Collected: 11/27/2009

% Solid: 93.7%

Matrix: Soil Remarks:

Analyzed Date: 12/8/2009 Preparation Date(s): 12/3/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7439-97-6	Mercury	0.014	0.014	mg/Kg	U

^{*} Results are reported on a dry weight basis

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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-1

Client Sample ID: EP-1-1

Type: Grab

Collected: 11/27/2009

% Solid: 94.2%

Matrix: Soil Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.33	1030	mg/Kg	
7440-36-0	Antimony	1.00	1.00	mg/Kg	U
7440-38-2	Arsenic	0.77	0.77	mg/Kg	U
7440-39-3	Barium	0.33	2.80	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.26	0.26	mg/Kg	U
7440-70-2	Calcium	2.74	37.5	mg/Kg	
7440-47-3	Chromium	0.20	4.12	mg/Kg	
7440-48-4	Cobalt	0.33	0.91	mg/Kg	
7440-50-8	Copper	0.86	0.86	mg/Kg	U
7439-89-6	Iron	1.91	1520	mg/Kg	
7439-92-1	Lead	0.39	0.39	mg/Kg	U
7439-95-4	Magnesium	4.03	155	mg/Kg	
7439-96-5	Manganese	1.06	50.2	mg/Kg	
7440-02-0	Nickel	1.09	27.9	mg/Kg	
7440-09-7	Potassium	5.54	9470	mg/Kg	
7782-49-2	Selenium	0.65	0.65	mg/Kg	U
7440-22-4	Silver	0.30	0.30	mg/Kg	U
7440-23-5	Sodium	2.30	39300	mg/Kg	
7440-28-0	Thallium	0.83	0.83	mg/Kg	U
7440-62-2	Vanadium	0.26	1.75	mg/Kg	
7440-66-6	Zinc	2.22	2.22	mg/Kg	U

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-2

Client Sample ID: EP-3-1

Matrix: Soil

Type: Grab

Collected: 11/27/2009

% Solid: 93.5%

Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.34	782	mg/Kg	
7440-36-0	Antimony	1.00	1.00	mg/Kg	U
7440-38-2	Arsenic	0.78	1.77	mg/Kg	
7440-39-3	Barium	0.33	2.74	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.27	0.27	mg/Kg	U
7440-70-2	Calcium	2.76	40.6	mg/Kg	
7440-47-3	Chromium	0.20	3.52	mg/Kg	
7440-48-4	Cobalt	0.33	1.05	mg/Kg	
7440-50-8	Copper	0.86	0.86	mg/Kg	U
7439-89-6	Iron	1.92	1770	mg/Kg	
7439-92-1	Lead	123	123	mg/Kg	U
7439-95-4	Magnesium	4.05	137	mg/Kg	
7439-96-5	Manganese	1.07	51.0	mg/Kg	
7440-02-0	Nickel	1.10	31.0	mg/Kg	
7440-09-7	Potassium	5.57	8340	mg/Kg	
7782-49-2	Selenium	0.65	0.65	mg/Kg	U
7440-22-4	Silver	0.30	0.30	mg/Kg	U
7440-23-5	Sodium	2.31	34700	mg/Kg	
7440-28-0	Thallium	0.83	0.83	mg/Kg	U
7440-62-2	Vanadium	0.27	1.68	mg/Kg	
7440-66-6	Zinc	2.24	2.24	mg/Kg	U

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-3

Client Sample ID: EP-4-1

Matrix: Soil

Type: Grab

Collected: 11/27/2009

% Solid: 93.4%

Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.34	1070	mg/Kg	
7440-36-0	Antimony	1.00	1.00	mg/Kg	U
7440-38-2	Arsenic	0.78	1.91	mg/Kg	
7440-39-3	Barium	0.33	4.13	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.27	0.27	mg/Kg	U
7440-70-2	Calcium	2.75	53.2	mg/Kg	
7440-47-3	Chromium	0.20	6.20	mg/Kg	
7440-48-4	Cobalt	0.33	4.30	mg/Kg	
7440-50-8	Copper	0.86	3.47	mg/Kg	
7439-89-6	Iron	1.91	2190	mg/Kg	
7439-92-1	Lead	0.39	0.39	mg/Kg	U
7439-95-4	Magnesium	4.04	208	mg/Kg	
7439-96-5	Manganese	1.06	265	mg/Kg	
7440-02-0	Nickel	1.09	49.3	mg/Kg	
7440-09-7	Potassium	5.56	9350	mg/Kg	
7782-49-2	Selenium	0.65	0.65	mg/Kg	U
7440-22-4	Silver	0.30	0.30	mg/Kg	U
7440-23-5	Sodium	2.30	38000	mg/Kg	
7440-28-0	Thallium	0.83	0.83	mg/Kg	U
7440-62-2	Vanadium	0.27	2.85	mg/Kg	
7440-66-6	Zinc	2.23	2.23	mg/Kg	U

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-4

Client Sample ID: EP-5-1 Collected: 11/27/2009

Matrix: Soil Type: Grab % Solid: 92.1%

Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.36	830	mg/Kg	
7440-36-0	Antimony	1.01	1.01	mg/Kg	U
7440-38-2	Arsenic	0.79	0.79	mg/Kg	U
7440-39-3	Barium	0.33	2.54	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.27	0.27	mg/Kg	U
7440-70-2	Calcium	2.79	38.3	mg/Kg	
7440-47-3	Chromium	0.20	3.46	mg/Kg	
7440-48-4	Cobalt	0.33	0.99	mg/Kg	
7440-50-8	Copper	0.87	0.87	mg/Kg	U
7439-89-6	Iron	1.94	1470	mg/Kg	
7439-92-1	Lead	0.40	0.40	mg/Kg	U
7439-95-4	Magnesium	4.09	110	mg/Kg	
7439-96-5	Manganese	1.08	44.1	mg/Kg	
7440-02-0	Nickel	1.11	26.2	mg/Kg	
7440-09-7	Potassium	5.63	7380	mg/Kg	
7782-49-2	Selenium	0.66	0.66	mg/Kg	U
7440-22-4	Silver	0.30	0.30	mg/Kg	U
7440-23-5	Sodium	2.34	30500	mg/Kg	
7440-28-0	Thallium	0.84	0.84	mg/Kg	U
7440-62-2	Vanadium	0.27	1.41	mg/Kg	
7440-66-6	Zinc	2.26	2.26	mg/Kg	U

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-5

Client Sample ID: EP-6-1

Matrix: Soil

Type: Grab

Collected: 11/27/2009

% Solid: 91.9%

Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.38	1400	mg/Kg	
7440-36-0	Antimony	1.03	1.03	mg/Kg	U
7440-38-2	Arsenic	0.80	0.80	mg/Kg	U
7440-39-3	Barium	0.34	5.53	mg/Kg	
7440-41-7	Beryllium	0.20	0.20	mg/Kg	U
7440-43-9	Cadmium	0.27	0.36	mg/Kg	
7440-70-2	Calcium	2.83	83.0	mg/Kg	
7440-47-3	Chromium	0.21	9.08	mg/Kg	
7440-48-4	Cobalt	0.34	3.44	mg/Kg	
7440-50-8	Copper	0.88	3.89	mg/Kg	
7439-89-6	Iron	1.97	4870	mg/Kg	
7439-92-1	Lead	0.40	0.40	mg/Kg	U
7439-95-4	Magnesium	4.15	367	mg/Kg	
7439-96-5	Manganese	1.09	136	mg/Kg	
7440-02-0	Nickel	1.13	57.0	mg/Kg	
7440-09-7	Potassium	5.71	8450	mg/Kg	
7782-49-2	Selenium	0.67	0.67	mg/Kg	U
7440-22-4	Silver	0.31	0.31	mg/Kg	U
7440-23-5	Sodium	2.37	34700	mg/Kg	
7440-28-0	Thallium	0.85	0.85	mg/Kg	U
7440-62-2	Vanadium	0.27	4.33	mg/Kg	
7440-66-6	Zinc	2.29	4.57	mg/Kg	

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-6

Client Sample ID: EP-8-1

Type: Grab

Collected: 11/27/2009

% Solid: 93.8%

Matrix: Soil Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.35	996	mg/Kg	
7440-36-0	Antimony	1.01	1.01	mg/Kg	U
7440-38-2	Arsenic	0.78	1.56	mg/Kg	
7440-39-3	Barium	0.33	3.18	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.27	0.27	mg/Kg	U
7440-70-2	Calcium	2.77	41.6	mg/Kg	
7440-47-3	Chromium	0.20	5.01	mg/Kg	
7440-48-4	Cobalt	0.33	1.30	mg/Kg	
7440-50-8	Copper	0.87	0.87	mg/Kg	U
7439-89-6	Iron	1.93	1780	mg/Kg	
7439-92-1	Lead	0.40	0.40	mg/Kg	U
7439-95-4	Magnesium	4.07	162	mg/Kg	
7439-96-5	Manganese	1.07	68.5	mg/Kg	
7440-02-0	Nickel	1.10	31.9	mg/Kg	
7440-09-7	Potassium	5.60	8810	mg/Kg	
7782-49-2	Selenium	0.65	0.65	mg/Kg	U
7440-22-4	Silver	0.30	0.30	mg/Kg	U
7440-23-5	Sodium	2.32	36400	mg/Kg	
7440-28-0	Thallium	0.83	0.83	mg/Kg	U
7440-62-2	Vanadium	0.27	1.92	mg/Kg	
7440-66-6	Zinc	2.25	2.25	mg/Kg	U

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-7

Client Sample ID: EP-9-1

Matrix: Soil

Type: Grab

Collected: 11/27/2009

% Solid: 93.6%

Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.35	826	mg/Kg	
7440-36-0	Antimony	1.01	1.01	mg/Kg	U
7440-38-2	Arsenic	0.78	1.29	mg/Kg	
7440-39-3	Barium	0.33	2.97	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.27	0.27	mg/Kg	U
7440-70-2	Calcium	2.78	50.0	mg/Kg	
7440-47-3	Chromium	0.20	4.22	mg/Kg	
7440-48-4	Cobalt	0.33	1.04	mg/Kg	
7440-50-8	Copper	0.87	1.92	mg/Kg	
7439-89-6	Iron	1.93	1360	mg/Kg	
7439-92-1	Lead	0.40	0.40	mg/Kg	U
7439-95-4	Magnesium	4.08	156	mg/Kg	
7439-96-5	Manganese	1.07	52.1	mg/Kg	
7440-02-0	Nickel	1.10	28.8	mg/Kg	
7440-09-7	Potassium	5.61	9020	mg/Kg	
7782-49-2	Selenium	0.65	0.65	mg/Kg	U
7440-22-4	Silver	0.30	0.30	mg/Kg	U
7440-23-5	Sodium	2.33	37000	mg/Kg	
7440-28-0	Thallium	0.84	0.84	mg/Kg	U
7440-62-2	Vanadium	0.27	1.67	mg/Kg	
7440-66-6	Zinc	2.25	2.25	mg/Kg	U

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-8

Client Sample ID: EP-15-1

Matrix: Soil

Type: Grab

Collected: 11/27/2009

% Solid: 94%

Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.34	1060	mg/Kg	
7440-36-0	Antimony	1.00	1.00	mg/Kg	U
7440-38-2	Arsenic	0.78	1.21	mg/Kg	
7440-39-3	Barium	0.33	3.18	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.27	0.27	mg/Kg	U
7440-70-2	Calcium	2.76	50.0	mg/Kg	
7440-47-3	Chromium	0.20	4.85	mg/Kg	
7440-48-4	Cobalt	0.33	2.33	mg/Kg	
7440-50-8	Copper	0.86	0.86	mg/Kg	U
7439-89-6	Iron	1.91	2420	mg/Kg	
7439-92-1	Lead	0.39	0.39	mg/Kg	U
7439-95-4	Magnesium	4.04	168	mg/Kg	
7439-96-5	Manganese	1.06	112	mg/Kg	<u> </u>
7440-02-0	Nickel	1.10	40.6	mg/Kg	
7440-09-7	Potassium	5.56	8710	mg/Kg	
7782-49-2	Selenium	0.65	0.65	mg/Kg	U
7440-22-4	Silver	0.30	0.30	mg/Kg	U
7440-23-5	Sodium	2.31	35900	mg/Kg	
7440-28-0	Thallium	0.83	0.83	mg/Kg	U
7440-62-2	Vanadium	0.27	2.18	mg/Kg	
7440-66-6	Zinc	2.23	3.05	mg/Kg	

^{*} Results are reported on a dry weight basis



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208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-9

Client Sample ID: EP-18-1

Matrix: Soil

Type: Grab

Collected: 11/27/2009

% Solid: 93.7%

Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.33	1440	mg/Kg	
7440-36-0	Antimony	0.99	0.99	mg/Kg	U
7440-38-2	Arsenic	0.77	0.77	mg/Kg	U
7440-39-3	Barium	0.33	3.92	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.26	0.26	mg/Kg	U
7440-70-2	Calcium	2.73	51.0	mg/Kg	
7440-47-3	Chromium	0.20	6.83	mg/Kg	
7440-48-4	Cobalt	0.33	2.69	mg/Kg	
7440-50-8	Copper	0.85	0.85	mg/Kg	U
7439-89-6	Iron	1.89	2760	mg/Kg	
7439-92-1	Lead	0.39	0.39	mg/Kg	U
7439-95-4	Magnesium	4.00	216	mg/Kg	
7439-96-5	Manganese	1.05	164	mg/Kg	
7440-02-0	Nickel	1.08	39.5	mg/Kg	
7440-09-7	Potassium	5.50	9130	mg/Kg	
7782-49-2	Selenium	0.64	0.64	mg/Kg	U
7440-22-4	Silver	0.29	0.29	mg/Kg	U
7440-23-5	Sodium	2.28	37500	mg/Kg	
7440-28-0	Thallium	0.82	0.82	mg/Kg	U
7440-62-2	Vanadium	0.26	2.68	mg/Kg	
7440-66-6	Zinc	2.21	2.21	mg/Kg	U

^{*} Results are reported on a dry weight basis



Page: 14 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

TAL Metals by SW846 6010

Sample: 0912000-10

Client Sample ID: EP-20-1

Type: Grab

Collected: 11/27/2009

% Solid: 93.7%

Matrix: Soil Remarks:

Analyzed Date: 12/3/2009

Preparation Date(s): 12/3/2009 12/2/2009

Analytical Results

Cas No	Analyte	MDL	Concentration*	Units	Q
7429-90-5	Aluminum	1.33	820	mg/Kg	
7440-36-0	Antimony	0.99	0.99	mg/Kg	U
7440-38-2	Arsenic	0.77	0.77	mg/Kg	U
7440-39-3	Barium	0.33	3.12	mg/Kg	
7440-41-7	Beryllium	0.19	0.19	mg/Kg	U
7440-43-9	Cadmium	0.26	0.26	mg/Kg	U
7440-70-2	Calcium	2.73	38.4	mg/Kg	
7440-47-3	Chromium	0.20	4.48	mg/Kg	
7440-48-4	Cobalt	0.33	1.09	mg/Kg	
7440-50-8	Copper	0.85	0.85	mg/Kg	U
7439-89-6	Iron	1.90	2080	mg/Kg	
7439-92-1	Lead	0.39	0.39	mg/Kg	U
7439-95-4	Magnesium	4.01	144	mg/Kg	
7439-96-5	Manganese	1.05	49.3	mg/Kg	
7440-02-0	Nickel	1.09	27.4	mg/Kg	
7440-09-7	Potassium	5.52	7070	mg/Kg	
7782-49-2	Selenium	0.64	0.64	mg/Kg	U
7440-22-4	Silver	0.30	0.30	mg/Kg	U
7440-23-5	Sodium	2.29	29500	mg/Kg	
7440-28-0	Thallium	0.82	0.82	mg/Kg	U
7440-62-2	Vanadium	0.26	2.12	mg/Kg	
7440-66-6	Zinc	2.21	2.21	mg/Kg	U

^{*} Results are reported on a dry weight basis



Page: 15 of 16

208 Route 109, Farmingdale NY 11735 Phone - 631-249-1456 Fax - 631-249-8344

12/9/2009

ORGANIC METHOD QUALIFIERS

- Q Qualifier specified entries and their meanings are as follows:
 - U The analytical result is not detected above the Method Detection Limit (MDL). All MDL's are lower than the lowest calibration standard concentration.
 - J Indicates an estimated value. The concentration reported was between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).
 - B The analyte was found in the associated method blank as well as the sample. It indicates possible/probable blank contamination and warns the data user to take appropriate action.
 - E The concentration of the analyte exceeded the calibration range of the instrument.
 - D This flag indicates a system monitoring compound diluted out.

INORGANIC METHOD QUALIFIERS

- C (Concentration) qualifiers are as follows:
 - B Entered if the reported value was obtained from a reading that was less than the Contract Required Detection Limit (CRDL) but greater than or equal to the Method Detection Limit (MDL).
 - U Entered when the analyte was analyzed for, but not detected above the Method Detection Limit (MDL) which is less than the lowest calibration standard concentration.
- Q Qualifier specific entries and their meanings are as follows:
 - E Reported value is estimated because of the presence of interferences.
- M (Method) qualifiers are as follows:
 - A Flame AA
 - AS Semi-automated Spectrophotometric
 - AV Automated Cold Vapor AA
 - C Manual Spectrophotometric
 - F Furnace AA
 - P ICP
 - T Titrimetric

OTHER QUALIFIERS

- ND Not Detected
- NA Not Applicable
- NR Not Required
- Outside Expected Range (NYCDEP Table I/II or Surrogate Limits)
- x Outside Expected Range



- 0912000 - Page: 16 of 16

METU

CHAIN OF CUSTODY

208 Route 109, Farmingdale, NY 11735 (Tel.) 631-249-1456 (Fax) 631-249-8344



Rec'vd Date: 12/01/09 08:55

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APPENDIX C

COPIES OF LABORATORY DATA SHEETS FOR GROUNDWATER

http://www.emsl.com

3 Cooper St. Westmont, NJ 08108 Phone: (856) 858-4800

Fax: 8568584571

11/4/2009



Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

South River, NJ 08882

Phone (917) 478-8549

Fax:

The following report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/30/2009. The results are tabulated on the attached data pages for the following client designated project:

Project ID: 48 Sewel Street, Hempstead, NY

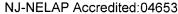
The reference number for these samples is EMSL Order #010905472. Please use this reference when calling about these samples.

If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

Julie Smith - Laboratory Director or

other approved signatory





The test results contained within this report meet the requirements of NELAC and/or the specific certification program that is applicable, unless otherwise noted.

Page 1 of 10

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



ENISL Analytical, Inc. 3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (056) 858-4571 Email: jsmith@emsl.com



Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

Fax:

South River, NJ 08882

Phone: (917) 478-8549

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

EMSL Proj:

10/30/09 9:57 AM

48 Sewel Street, Hempstead, NY

EMSL Order:

010905472

Test Report

Client Sample Description	MW-1		Collected:	10/26 8:53:0		Lab ID:	0001		
Method		Parameter	Concentration	Reporting Limi	? t Units	Ana Data	-	Analyst	
6010B	,	Aluminum	<100	100	μg/L	10/3	0/2009	iacevedo	
6010B		Antimony	<20	20	μg/L	10/3	0/2009	iacevedo	
6010B	,	Arsenic	<8.0	8.0	μg/L	10/3	0/2009	iacevedo	
6010B	1	Barium	<100	100	µg/L	10/3	0/2009	iacevedo	
6010B	ı	Beryllium	<4.0	4.0	μg/L	10/3	0/2009	iacevedo	
6010B	(Cadmium	<4.0	4.0	μg/L	10/3	0/2009	iacevedo	
6010B	(Calcium	80000	1000	μg/L	11/2	/2009	iacevedo	
6010B	(Chromium	<10	10	μg/L	10/3	0/2009	iacevedo	
6010B	(Cobalt	<10	10	μg/L	10/3	0/2009	iacevedo	
6010B	(Copper	<20	20	μg/L	10/3	0/2009	iacevedo	
6010B	I	ron	<100	100	μg/L	11/2	2009	iacevedo	
6010B	t	_ead	<10	10	μg/L	10/3	0/2009	iacevedo	
6010B	ľ	Magnesium	9100	1000	μg/L	11/2	2009	iacevedo	
6010B	1	Manganese	<15	15	μg/L	10/3	0/2009	iacevedo	
6010B	1	Nickel	<20	20	μg/L	10/3	0/2009	iacevedo	
6010B	F	Potassium	3900	1000	μg/L	10/3	0/2009	iacevedo	
6010B	5	Selenium	<20	20	μg/L	10/3	0/2009	iacevedo	
6010B	5	Silver	<10	10	μg/L	10/3	0/2009	iacevedo	
6010B		Sodium	30000	1000	μg/L	10/3	0/2009	iacevedo	
6010B	٦	Γhallium	<10	10	μg/L	10/30)/2009	iacevedo	
6010B	\	/anadium	<10	10	μg/L	10/30)/2009	iacevedo	
6010B	Z	Zinc	<20	20	μg/L	10/30	0/2009	iacevedo	
Client Sample Description	MW-2		Collected:	10/26/ 3:52:0		Lab ID:	0002		
Method	į	Parameter	Concentration	Reporting Limit	Units	Anal _. Date	vsis	Analyst	
6010B	A	Muminum	<100	100	μg/L	10/30	/2009	iacevedo	
6010B	P	Antimony	<20	20	µg/L	10/30	/2009	iacevedo	



3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

Fax:

South River, NJ 08882

Phone: (917) 478-8549

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

10/30/09 9:57 AM

EMSL Order:

010905472

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	MW-2	Collected:	10/26/2009 3:52:00 PM	Lab ID: 0002	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Arsenic	<8.0	8.0 µg/L	10/30/2009	iacevedo
6010B	Barium	<100	100 μg/L	10/30/2009	iacevedo
6010B	Beryllium	<4.0	4.0 μg/L	10/30/2009	iacevedo
6010B	Cadmium	<4.0	4.0 µg/L	10/30/2009	iacevedo
6010B	Calcium	80000	1000 µg/L	11/2/2009	ia ce vedo
6010B	Chromium	1500	10 μg/L	10/30/2009	iacevedo
6010B	Cobalt	<10	10 µg/L	10/30/2009	iacevedo
6010B	Copper	<20	20 μg/L	10/30/2009	iacevedo
6010B	Iron	150	100 µg/L	11/2/2009	iacevedo
6010B	Lead	<10	10 μg/L	10/30/2009	iacevedo
010B	Magnesium	8000	1000 μg/L	11/2/2009	iacevedo
010B	Manganese	71	15 μg/L	10/30/2009	iacevedo
010B	Nickel	1600	20 μg/L	10/30/2009	iacevedo
010B	Potassium	4900	1000 μg/L	10/30/2009	iacevedo
010B	Selenium	<20	20 μg/L	10/30/2009	iacevedo
010B	Silver	<10	10 μg/L	10/30/2009	iacevedo
010B	Sodium	48000	1000 μg/L	10/30/2009	iacevedo
010B	Thallium	<10	10 μg/L	10/30/2009	iacevedo
010B	Vanadium	<10	10 μg/L	10/30/2009	iacevedo
010B	Zinc	<20	20 μg/L	10/30/2009	iacevedo
Client Sample Description	MW-3	Collected:	10/26/2009 9:26:00 AM	Lab ID: 0003	
			Reporting	Analysis	
1ethod	Parameter	Concentration	Limit Units	Date	Analyst
010B	Aluminum	<100	100 μg/L	10/30/2009	iacevedo
010B	Antimony	<20	20 μg/L	10/30/2009	iacevedo
010B	Arsenic	<8.0	8.0 µg/L	10/30/2009	iacevedo
010B	Barium	<100	100 µg/L	10/30/2009	iacevedo



3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4671 Email: jsmith@emsl.com



Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

South River, NJ 08882

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

10/30/09 9:57 AM

EMSL Order:

010905472

Fax:

Phone: (917) 478-8549

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	MW-3	Collected:	10/26/2009 9:26:00 AM	Lab ID: 0003	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Beryllium	<4.0	4.0 μg/L	10/30/2009	iacevedo
6010B	Cadmium	<4.0	4.0 µg/L	10/30/2009	iacevedo
6010B	Calcium	68000	1000 μg/L	11/2/2009	iacevedo
6010B	Chromium	770	10 μg/L	10/30/2009	iacevedo
6010B	Cobalt	<10	10 μg/L	10/30/2009	iacevedo
6010B	Copper	<20	20 μg/L	10/30/2009	iacevedo
6010B	Iron	<100	100 μg/L	11/2/2009	iacevedo
6010B	Lead	<10	10 μg/ L	10/30/2009	iacevedo
6010B	Magnesium	8300	1000 μg/L	11/2/2009	iacevedo
6010B	Manganese	<15	15 μg/L	10/30/2009	iacevedo
6010B	Nickel	1500	20 μg/L	10/30/2009	iacevedo
6010B	Potassium	4300	1000 µg/L	10/30/2009	iacevedo
6010B	Selenium	<20	20 μg/L	10/30/2009	iacevedo
6010B	Silver	<10	10 μg/L	10/30/2009	iacevedo
6010B	Sodium	47000	1000 μg/L	10/30/2009	iacevedo
6010B	Thallium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Vanadium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Zinc	<20	20 μg/L	10/30/2009	iacevedo
Client Sample Description	MW-4	Collected:	10/26/2009 11:05:00 AM	Lab ID: 0004	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Aluminum	<100	100 μg/L	10/30/2009	iacevedo
6010B	Antimony	<20	20 μg/L	10/30/2009	iacevedo
6010B	Arsenic	<8.0	8.0 µg/L	10/30/2009	iacevedo
6010B	Barium	<100	100 μg/L	10/30/2009	iacevedo
6010B	Beryllium	<4.0	4.0 µg/L	10/30/2009	iacevedo
6010B	Cadmium	<4.0	4.0 µg/L	10/30/2009	iacevedo



3 Cooper St., Westmont, NJ 08108

Phone: (356) 858-4800 Eax: (839) 858 4571 Email: jsmith@emsl.com



Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

Fax:

South River, NJ 08882

Phone: (917) 478-8549

CESE26

Customer PO:

CK#1272

Received:

Customer ID:

10/30/09 9:57 AM

EMSL Order:

010905472

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	MW-4	Collected:	10/26/2009 11:05:00 AM	Lab ID: 0004	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Calcium	58000	1000 μg/L	11/2/2009	iacevedo
6010B	Chromium	33	10 μg/L	10/30/2009	iacevedo
6010B	Cobalt	<10	10 μg/L	10/30/2009	iacevedo
6010B	Copper	<20	20 μg/L	10/30/2009	iacevedo
6010B	Iron	180	100 μg/L	11/2/2009	iacevedo
6010B	Lead	<10	10 μg/L	10/30/2009	iacevedo
6010B	Magnesium	6600	1000 µg/L	11/2/2009	iacevedo
6010B	Manganese	<15	15 μg/L	10/30/2009	iacevedo
6010B	Nickel	200	20 μg/L	10/30/2009	iacevedo
6010B	Potassium	4000	1000 μg/L	10/30/2009	iacevedo
6010B	Selenium	<20	20 μg/L	10/30/2009	iacevedo
6010B	Silver	<10	10 μg/L	10/30/2009	iacevedo
6010B	Sodium	43000	1000 μg/L	10/30/2009	iacevedo
6010B	Thallium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Vanadium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Zinc	<20	20 μg/L	10/30/2009	iacevedo
Client Sample Description	MW-5	Collected:	10/26/2009 1:15:00 PM	Lab ID: 0005	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Aluminum	<100	100 µg/L	10/30/2009	iacevedo
6010B	Antimony	<20	20 µg/L	10/30/2009	iacevedo
6010B	Arsenic	<8.0	8.0 µg/L	10/30/2009	iacevedo
6010B	Barium	<100	100 µg/L	10/30/2009	iacevedo
6010B	Beryllium	<4.0	4.0 µg/L	10/30/2009	iacevedo
6010B	Cadmium	<4.0	4.0 µg/L	10/30/2009	iacevedo
3010B	Calcium	140000	1000 µg/L	11/2/2009	iacevedo
6010B	Chromium	<10	10 µg/L	10/30/2009	iacevedo



EMSL Analytical, Inc. 3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



Attn: Frank Lyke
CES Environmental Services
190 William Street
Suite 1C
South River, NJ 08882

Customer ID:

CESE26

Customer PO:

CK#1272 10/30/09 9:57 AM

Received:

10/00/03 3.57 /

EMSL Order:

010905472

Fax:

Phone: (917) 478-8549

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	MW-5	Collected:	10/26/2009 1:15:00 PM	Lab ID: 0005	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Cobalt	<10	10 μg/L	10/30/2009	iacevedo
6010B	Copper	<20	20 μg/L	10/30/2009	iacevedo
6010B	Iron	<100	100 μg/L	11/2/2009	iacevedo
6010B	Lead	<10	10 μg/L	10/30/2009	iacevedo
6010B	Magnesium	15000	1000 µg/L	11/2/2009	iacevedo
6010B	Manganese	330	15 µg/L	10/30/2009	iacevedo
6010B	Nickel	65	20 μg/L	10/30/2009	iacevedo
6010B	Potassium	7100	1000 µg/L	10/30/2009	iacevedo
6010B	Selenium	<20	20 μg/L	10/30/2009	iacevedo
6010B	Silver	<10	10 μg/L	10/30/2009	iacevedo
6010B	Sodium	40000	1000 μg/L	10/30/2009	iacevedo
6010B	Thallium	<10	10 μg/L	10/30/2009	iacevedo
3010B	Vanadium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Zinc	<20	20 μg/L	10/30/2009	iacevedo
Client Sample Description	MW-6	Collected:	10/26/2009 2:37:00 PM	Lab ID: 0006	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Aluminum	<100	100 μg/L	10/30/2009	iacevedo
6010B	Antimony	<20	20 μg/L	10/30/2009	iacevedo
5010B	Arsenic	<8.0	8.0 µg/L	10/30/2009	iacevedo
6010B	Barium	<100	100 µg/L	10/30/2009	iacevedo
6010B	Beryllium	<4.0	4.0 µg/L	10/30/2009	iacevedo
6010B	Cadmium	<4.0	4.0 μg/L	10/30/2009	iacevedo
6010B	Calcium	100000	1000 µg/L	11/2/2009	iacevedo
6010B	Chromium	100	10 μg/L	10/30/2009	iacevedo
6010B	Cobalt	<10	10 μg/L	10/30/2009	iacevedo
5010B	Copper	<20	20 μg/L	10/30/2009	iacevedo



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Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

South River, NJ 08882

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

10/30/09 9:57 AM

EMSL Order:

010905472

Fax:

Phone: (917) 478-8549

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

MW-6	Collected:	10/26/2009	Lab ID: 0006	
WWV-0	Conceien	2:37:00 PM	200	
		Reporting	Analysis	
Parameter	Concentration	Limit Units	Date	Analyst
Iron	<100	100 μg/L	11/2/2009	iacevedo
Lead	<10	10 μg/L	10/30/2009	iacevedo
Magnesium	9600	1000 µg/L	11/2/2009	iacevedo
Manganese	27	15 μg/L	10/30/2009	iacevedo
Nickel	250	20 μg/L	10/30/2009	iacevedo
Potassium	4800	1000 µg/L	10/30/2009	iacevedo
Selenium	<20	20 μg/L	10/30/2009	iacevedo
Silver	<10	10 μg/L	10/30/2009	iacevedo
Sodium	36000	1000 μg/L	10/30/2009	iacevedo
Thallium	<10	10 μg/L	10/30/2009	iacevedo
Vanadium	<10	10 μg/L	10/30/2009	iacevedo
Zinc	<20	20 µg/L	10/30/2009	iacevedo
MW-7	Collected:	10/26/2009	Lab ID: 0007	
Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
Aluminum	<100	100 μg/L	10/30/2009	iacevedo
Antimony	<20	20 μg/L	10/30/2009	iacevedo
Arsenic	10	8.0 µg/L	10/30/2009	iacevedo
Barium	<100	100 μg/L	10/30/2009	iacevedo
Beryllium	<4.0	4.0 μg/L	10/30/2009	iacevedo
Cadmium	<4.0	4.0 µg/L	10/30/2009	iacevedo
Calcium	87000	1000 µg/L	11/2/2009	iacevedo
	0.100			
Chromium	2100	10 µg/L	10/30/2009	iacevedo
Chromium Cobalt	2100 <10	10 μg/L 10 μg/L	10/30/2009 10/30/2009	iacevedo iacevedo
Cobalt		10 µg/L		
	<10	10 μg/L	10/30/2009	iacevedo
•	Parameter Iron Lead Magnesium Manganese Nickel Potassium Selenium Silver Sodium Thallium Vanadium Zinc MW-7 Parameter Aluminum Antimony Arsenic Barium Beryllium Cadmium	Parameter Concentration Iron <100	Parameter Concentration Reporting Limit Units Iron <100	Parameter Concentration Reporting Limit Units Analysis Date Iron <100



3 Cooper St., Westmont, NJ 08108

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Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

South River, NJ 08882

Fax:

Phone: (917) 478-8549

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

EMSL Proj:

10/30/09 9:57 AM

EMSL Order:

010905472

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	MW-7	Collected:	10/26/2009 5:37:00 PM	Lab ID: 0007	
			Reporting	Analysis	
Method	Parameter	Concentration	Limit Units	Date	Analyst
6010B	Magnesium	9900	1000 µg/L	11/2/2009	iacevedo
6010B	Manganese	300	15 μg/L	10/30/2009	iacevedo
6010B	Nickel	4500	20 μg/L	10/30/2009	iacevedo
6010B	Potassium	6000	1000 μg/L	10/30/2009	iacevedo
6010B	Selenium	<20	20 µg/L	10/30/2009	iacevedo
6010B	Silver	<10	10 μg/L	10/30/2009	iacevedo
6010B	Sodium	45000	1000 µg/L	10/30/2009	iacevedo
6010B	Thallium	<10	10 µg/L	10/30/2009	iacevedo
6010B	Vanadium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Zinc	<20	20 μg/L	10/30/2009	iacevedo
Client Sample Description	MVV-8	Collected:	10/27/2009 1:25:00 PM	Lab ID: 0008	
1					
			Reporting	Analysis	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
Method 6010B	<i>Parameter</i> Aluminum	Concentration 180			Analyst iacevedo
			Limit Units	Date	-
6010B	Aluminum	180	Limit Units 100 µg/L	<i>Date</i> 10/30/2009	iacevedo
6010B 6010B	Aluminum Antimony	180 <20	Limit Units 100 µg/L 20 µg/L	<i>Date</i> 10/30/2009 10/30/2009	iacevedo iacevedo
6010B 6010B 6010B	Aluminum Antimony Arsenic	180 <20 10	Limit Units 100 µg/L 20 µg/L 8.0 µg/L	Date 10/30/2009 10/30/2009 11/2/2009	iacevedo iacevedo iacevedo
6010B 6010B 6010B 6010B	Aluminum Antimony Arsenic Barium	180 <20 10 <100	Limit Units 100 µg/L 20 µg/L 8.0 µg/L 100 µg/L	Date 10/30/2009 10/30/2009 11/2/2009 10/30/2009	iacevedo iacevedo iacevedo iacevedo
6010B 6010B 6010B 6010B 6010B	Aluminum Antimony Arsenic Barium Beryllium	180 <20 10 <100 <4.0	Limit Units 100 µg/L 20 µg/L 8.0 µg/L 100 µg/L 4.0 µg/L	Date 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009	iacevedo iacevedo iacevedo iacevedo
6010B 6010B 6010B 6010B 6010B 6010B	Aluminum Antimony Arsenic Barium Beryllium Cadmium	180 <20 10 <100 <4.0 <4.0	Limit Units 100 µg/L 20 µg/L 8.0 µg/L 100 µg/L 4.0 µg/L 4.0 µg/L	Date 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009 10/30/2009	iacevedo iacevedo iacevedo iacevedo iacevedo
6010B 6010B 6010B 6010B 6010B 6010B	Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium	180 <20 10 <100 <4.0 <4.0 100000	Limit Units 100 µg/L 20 µg/L 8.0 µg/L 100 µg/L 4.0 µg/L 4.0 µg/L 1000 µg/L	Date 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009 11/2/2009	iacevedo iacevedo iacevedo iacevedo iacevedo iacevedo
6010B 6010B 6010B 6010B 6010B 6010B 6010B 6010B	Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium	180 <20 10 <100 <4.0 <4.0 100000 <10	Limit Units 100 µg/L 20 µg/L 8.0 µg/L 100 µg/L 4.0 µg/L 4.0 µg/L 1000 µg/L 1000 µg/L	Date 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009 11/2/2009 10/30/2009	iacevedo iacevedo iacevedo iacevedo iacevedo iacevedo iacevedo
6010B 6010B 6010B 6010B 6010B 6010B 6010B 6010B	Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt	180 <20 10 <100 <4.0 <4.0 100000 <10 <10	Limit Units 100 µg/L 20 µg/L 8.0 µg/L 100 µg/L 4.0 µg/L 4.0 µg/L 1000 µg/L 10 µg/L 10 µg/L	Date 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009	iacevedo iacevedo iacevedo iacevedo iacevedo iacevedo iacevedo iacevedo iacevedo
6010B 6010B 6010B 6010B 6010B 6010B 6010B 6010B 6010B	Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper	180 <20 10 <100 <4.0 <4.0 100000 <10 <10 <20	Limit Units 100 µg/L 20 µg/L 8.0 µg/L 100 µg/L 4.0 µg/L 4.0 µg/L 1000 µg/L 10 µg/L 10 µg/L 10 µg/L 10 µg/L	Date 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009 10/30/2009	iacevedo
6010B 6010B 6010B 6010B 6010B 6010B 6010B 6010B 6010B 6010B	Aluminum Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper	180 <20 10 <100 <4.0 <4.0 100000 <10 <10 <20 310	Limit Units 100 µg/L 20 µg/L 8.0 µg/L 100 µg/L 4.0 µg/L 1000 µg/L 10 µg/L 10 µg/L 20 µg/L 100 µg/L	Date 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009 11/2/2009 10/30/2009 10/30/2009 10/30/2009 10/30/2009 11/2/2009	iacevedo



3 Cooper St., Westmont, NJ 08108

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Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

South River, NJ 08882

Customer ID:

CESE26

Customer PO:

CK#1272 10/30/09 9:57 AM

Received:

EMSL Order:

010905472

Fax:

Phone: (917) 478-8549

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	MVV-8	Collected:	10/27/2009 1:25:00 PM	Lab 1D: 0008	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Nickel	30	20 μg/L	10/30/2009	iacevedo
6010B	Potassium	7600	1000 μg/L	10/30/2009	iacevedo
6010B	Selenium	<20	20 μg/L	10/30/2009	iacevedo
6010B	Silver	<10	10 μg/L	10/30/2009	iacevedo
6010B	Sodium	39000	1000 µg/L	10/30/2009	iacevedo
6010B	Thallium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Vanadium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Zinc	<20	20 μg/L	10/30/2009	iacevedo
Client Sample Description	MW-9	Collected:	10/27/2009 12:40:00 P M	Lab ID: 0009	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Aluminum	<100	100 μg/L	10/30/2009	iacevedo
6010B	Antimony	<20	20 μg/L	10/30/2009	iacevedo
,6010B	Arsenic	11	8.0 µg/L	10/30/2009	iacevedo
6010B	Barium	<100	100 μg/L	10/30/2009	iacevedo
6010B	Beryllium	<4.0	4.0 μg/L	10/30/2009	iacevedo
6010B	Cadmium	<4.0	4.0 μg/L	10/30/2009	iacevedo
6010B	Calcium	55000	1000 μg/L	11/2/2009	iacevedo
6010B	Chromium	19	10 μg/L	10/30/2009	iacevedo
6010B	Cobalt	15	10 μg/L	10/30/2009	iacevedo
6010B	Copper	<20	20 μg/L	10/30/2009	iacevedo
6010B	Iron	1400	100 μg/L	11/2/2009	iacevedo
6010B	Lead	<10	10 μg/L	10/30/2009	iacevedo
6010B	Magnesium	4700	1000 µg/L	11/2/2009	iacevedo
6010B	Manganese	290	15 μg/L	10/30/2009	iacevedo
6010B	Nickel	<20	20 μg/L	10/30/2009	iacevedo
6010B	Potassium	5600	1000 µg/L	10/30/2009	iacevedo



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Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

South River, NJ 08882

Fax:

Phone: (917) 478-8549

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

10/30/09 9:57 AM

EMSL Order:

010905472

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	MVV-9	Collected:	10/27/2009 12:40:00 PM	Lab ID: 0009	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Selenium	<20	20 μg/L	10/30/2009	iacevedo
6010B	Silver	<10	10 μg/L	10/30/2009	iacevedo
6010B	Sodium	30000	1000 μg/L	10/30/2009	iacevedo
6010B	Thallium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Vanadium	<10	10 μg/L	10/30/2009	iacevedo
6010B	Zinc	<20	20 μg/L	10/30/2009	iacevedo

11/2/2009

Waste Water

ICP QC Batch Summary

Batch: Created: Instrument:

Matrix:

01Q091030-030 10/30/2009 1:56:28F 01-IRIS Intrepid XL Samples:

 010905472-0001
 010905472-0005
 010905472-0009

 010905472-0002
 010905472-0006
 010905478-0001

 010905472-0003
 010905472-0007
 010905482-0001

 010905472-0004
 010905472-0008
 010905482-0002

	Blani	√DL					Spi	ke				
	Method E	3lank[1]		LFM[1]			LFM D	UP[1]			LFM[2]	
			01	0905472-000	1		0109054	72-0001		01	0905478-000	1
	10/30/09	21:23	10	0/30/09 21:45)		10/30/09	21:52		10	0/30/09 23:22	2
	Result µg/L	DL µg/L	Result µg/L	True Conc µg/L	% Rec 70-130	Result µg/L	True Conc µg/L	% Rec 70-130	% RPD <=20	Result µg/L	True Conc µg/L	% Rec 70-130
Aluminum	<100	100	960	1000	92.3	970	1000	92.9	0.648	960	1000	94.5
Antimony	<20	20	970		97.1		1000	97.7	0.616		1000	97.2
Arsenic	<8.0	8.0			103		1000	104	0.966		1000	106
Barium	<100	100	920	1000	89.7	1	1000	91.7	2.21		1000	91.1
Beryllium	<4.0	4.0	21	25.0	83.9		25.0	86.6	3.17		25.0	85.1
Cadmium	<4.0	4.0			92.3	95	100	94.8	2.67		100	93.9
Calcium	<1000	1000	75000	10000	64.0		10000	109	52.0#*		10000	89.7
Chromium	<10	10	210	250	85.2			89.2	4.59	L	250	85.4
Cobalt	<10	10	230	250	93.2	240	250	94.9	1.81	240	250	94.4
Copper	<20	20	210	250	84.1	210	250	85.1	1.18	210	250	84.7
Iron-R	<100	100	1000	1000	98.0	1100	1000	101	3.02	1100	1000	98.8
Lead	<10	10	930	1000	93.1	950	1000	94.8	1.81		1000	94.8
Magnesium	<1000	1000	17000	10000	82.5	18000	10000	92.3	11.2	17000	10000	88.5
Manganese	<15		,	250	83.7	220	250	85.6	2.24	310	250	83.8
Nickel	<20	20	240	250	92.2	250	250	94.3	2.25	240	250	94.1
Potassium	<1000	1000	13000	10000	87.0	13000	10000	91.2	4.71	14000	10000	90.1
Selenium	<20		1000	1000	100		1000	102	1.98	1000	1000	101
Silver	<10) 44	50.0	86.5	45	50.0	87.7	1.38	44	50.0	87.4
Sodium	<1000	1000	38000	10000	76.3	39000	10000	89.0	15.4	65000	10000	93.8
Thallium	<10	10	930	1000	92.6	950	1000	94.7	2.24	940	1000	93.9
Vanadium	<10		210	250	82.8	210	250	84.9	2.50	210	250	84.1
Zinc	<20	20	230	250	91.6	240	250	94.9	3.54	270	250	93.3

^(*) Result outside control limits (#) Sample Result > 4 x spike amt (x) No solids data

Matrix:

11/2/2009

ICP QC Batch Summary

Batch: Created: Instrument: 01Q091030-030 10/30/2009 1:56:28F 01-IRIS Intrepid XL Waste Water

Samples:

 010905472-0001
 010905472-0005
 010905472-0009

 010905472-0002
 010905472-0006
 010905478-0001

 010905472-0003
 010905472-0007
 010905482-0001

 010905472-0004
 010905472-0008
 010905482-0002

Printer Charles San American Spring Spring Spring				Control		
					LCS[1]	
	01090547	8-0001				
		23:44		1	0/30/09 21:30)
Result µg/L	True Conc µg/L	% Rec 70-130	% RPD <=20	Result ppm	True Conc ppm	% Rec 85-115
980	1000	95.8	1.37	0.93	1.00	92.5
970	1000	97.1	0.103	0.94		94.0
1100	1000	105	0.948	0.98		97.7
950	1000	91.3	0.219			89.2
21	25.0	85.0	0.118		i .	89.1
95	100	94.4	0.531			92.6
36000	10000	96.1	6.89			81.7*
220	250	87.1	1.97	0.23		90.7
240	250	94.6	0.212			92.4
210	250	85.0				85.8
1100	1000	98.3	0.507			104
950	1000	95.0	0.211	0.92	1.00	91.5
17000	10000	93.6	5.60			92.7
310	250	83.9	0.119	0.22	0.250	88.3
240	250	94.4	0.318	0.23	0.250	91.6
14000	10000	93.6	3.81	8.5	10.0	85.2
1000	1000	102	0.985	0.98	1.00	98.0
45	50.0	88.3	1.02	0.046	0.0500	92.5
66000	10000	103	9.35			88.3
950	1000	94.7	0.848	0.90		90.4
210	250	83.6	0.596			87.8
270	250	93.3				87.8
	980 970 1100 950 21 95 36000 220 240 210 1100 950 17000 310 240 14000 1000 45 66000 950 210	CFM DO 01090547 10/30/09 Result μg/L True Conc μg/L 980 1000 970 1000 1100 1000 21 25.0 95 1000 220 250 240 250 1100 1000 950 1000 17000 1000 310 250 240 250 240 250 240 250 14000 10000 310 250 240 250 14000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 10000 950 10000 950 10000 950 10000 210 250	μg/L 70-130 980 1000 95.8 970 1000 97.1 1100 1000 105 950 1000 91.3 21 25.0 85.0 95 100 94.4 36000 10000 96.1 220 250 87.1 240 250 94.6 210 250 85.0 1100 1000 98.3 950 1000 95.0 17000 10000 93.6 310 250 83.9 240 250 94.4 14000 10000 93.6 1000 1000 93.6 1000 1000 93.6 50.0 88.3 66000 1000 103 950 1000 94.7 210 250 83.6	CFM DUP[2] 010905478-0001 10/30/09 23:44	Content Con	LFM DUP[2] D10905478-0001 True Conc μg/L True Lone μg/L True Lo

^(*) Result outside control limits (#) Sample Result > 4 x spike amt (x) No solids data

11/2/2009

ICP QC Batch Summary

Batch: Created:

Matrix:

Instrument:

01Q091030-030

10/30/2009 1:56:28F

01-IRIS Intrepid XL Waste Water

Samples:

010905472-0001 010905472-0002 010905472-0005 010905472-0006

010905472-0009 010905478-0001 010905482-0001

010905472-0003 010905472-0004

010905472-0007 010905472-0008

010905482-0002

	Blanl			Dilution					Spike			92.9 0.648 97.7 0.616 91.7 2.27 86.6 3.17 94.8 2.67 101 15.8 89.2 4.58 94.9 1.87 99.1 4.75 94.8 1.87 99.8 1.37			
	Method E	Blank[1]		plicate (1:5)			LFM[1]	***************************************		LFM D	UP[1]				
				10905472-000		01	0905472-000	1		0109054	72-0001				
	11/2/09			11/2/09 9:08			1/2/09 8:46			11/2/09	8:53				
	Result µg/L	DL µg/L	Sample Result µg/L	Dup Result µg/L	% RPD <=	Result µg/L	True Conc µg/L	% Rec 70-130	Result µg/L	True Conc µg/L	% Rec 70-130				
Aluminum	<100	100	<100	<500	0.00	960	1000	92.3	970	1000	92.0	0.649			
Antimony	<20	20			0.00		1000	97.1	980						
Arsenic	<8.0	8.0			0.00		1000	103							
Barium	<100	100			0.00		1000	89.7	940						
Beryllium	<4.0	4.0			0.00		25.0	83.9							
Cadmium	<4.0	4.0	<4.0		0.00		100	92.3							
Calcium	<1000	1000	tree come at which the comment of th		10.8		10000	118				15.5			
Chromium	<10	10			0.00		250	85.2							
Cobalt	<10	10	<10	<50	0.00		250	93.2	I :						
Copper	<20	20	<20	<100	0.00	210	250	84.1	210						
Iron-R	<100	100	<100	<500	0.00	990	1000	94.5							
Lead	<10	10	<10	<50	0.00	930	1000	93.1	950						
Magnesium	<1000	1000	9100	8900	2.30	18000	10000	92.0		10000					
Manganese	<15	15	<15	<75	0.00	220	250	83.7		250	85.6	2.24			
Nickel	<20	20	<20	<100	0.00	240	250	92.2			94.3	2.25			
Potassium	<1000	1000	3900	<5000	0.00	13000	10000	87.0			91.2	4.71			
Selenium	<20	20	<20	<100	0.00	1000	1000	100		1000	102	1.98			
Silver	<10	10	<10	<50	0.00	44	50.0	86.5	45	50.0	87.7	1.38			
Sodium	<1000	1000	30000	32000	6.27	38000	10000	76.3			89.0	15.4			
Thallium	<10	10		<50	0.00	930	1000	92.6			94.7	2.24			
Vanadium	<10	10		<50	0.00	210	250	82.8			84.9	2.50			
Zinc	<20	20	<20	<100	0.00	230	250	91.6			94.9	3.54			

^(*) Result outside control limits (#) Sample Result > 4 x spike amt (x) No solids data

11/2/2009

ICP QC Batch Summary

Batch: Created:

Instrument:

01Q091030-030 10/30/2009 1:56:28F 01-IRIS Intrepid XL

Samples:

 010905472-0001
 010905472-0005
 010905472-0009

 010905472-0002
 010905472-0006
 010905478-0001

 010905472-0003
 010905472-0007
 010905482-0001

 010905472-0004
 010905472-0008
 010905482-0002

Matrix: Waste Water

				Spike				Control			
		LFM[2]			LFM D	UP[2]			LCS[1]		
	01	0905478-000	1		01090547	78-0001					
	1	1/2/09 10:37			11/2/09	10:59		1	11/2/09 8:31		
	Result µg/L	True Conc µg/L	% Rec 70-130	Result µg/L	True Conc µg/L	% Rec 70-130	% RPD <=20	Result ppm	True Conc ppm	% Rec 85-115	
Aluminum	960	1000	94.5	980	1000	95.8	1.37	0.93	1.00	92.5	
Antimony	970	1000	97.2		1000	97.1	0.103			94.0	
Arsenic	1100	1000	106		1000	105	0.948			97.7	
Barium	940	1000	91.1	950	1000	91.3	0.219			89.2	
Beryllium	21	25.0	85.1	21	25.0	85.0	0.118			89.1	
Cadmium	94	100	93.9	95	100	94.4	0.531	L		92.6	
Caicium	40000	10000	93.2	42000	10000	108	14.7		10.0	98.4	
Chromium	220	250	85.4	220	250	87.1	1.97			90.7	
Cobalt	240	250	94.4	240	250	94.6	0.212	0.23		92.4	
Copper	210	250	84.7	210	250	85.0	0.354		0.250	85.8	
Iron-R	1100	1000	95.7	1100	1000	94.2	1.58		1.00	101	
Lead	950	1000	94.8	950	1000	95.0	0.211		1.00	91.5	
Magnesium	17000	10000	86.6	17000	10000	91.0	4.95		10.0	95.3	
Manganese	310	250	83.8	310	250	83.9	0.119	0.22	0.250	88.3	
Nickel	240	250	94.1	240	250	94.4	0.318	0.23	0.250	91.6	
Potassium	14000	10000	90.1	14000	10000	93.6	3.81		10.0	85.2	
Selenium	1000	1000	101	1000	1000	102	0.985	0.98	1.00	98.0	
Silver	44	50.0	87.4	45	50.0	88.3	1.02	0.046	0.0500	92.5	
Sodium	65000	10000	93.8	66000	10000	103	9.35	8.8	10.0	88.3	
Thallium	940	1000	93.9	950	1000	94.7	0.848	0.90		90.4	
Vanadium	210	250	84.1	210	250	83.6	0.596			87.8	
Zinc	270	250	93.3	270	250	93.3	0.00			87.8	

^(*) Result outside control limits (#) Sample Result > 4 x spike amt (x) No solids data

Mercury CVAA QC Results Report

Samples in batch:

5398-1	5472-1	5472-8	
5400-1	5472-2	5472-9	
5470-1	5472-3	5481-1	
5470-2	5472-4	5481-2	
5470-3	5472-5	5482-1	
5470-4	5472-6	5482-2	

QC Sample 5398-1 09-429

Matrix Aqueous

Method 245.1

Instrument PE FIMS 100 5470-5 5472-7

Ref#

		Blan	k/DL		Duplicate					Spike								LCS	
	Analysis	Prep	Detection	Sample	Dup Samp	RPD	MS	True	% Rec	MSD	True	% Rec	RPD	PostSpk	True	% Rec	LCS	True	% Rec
Analyte	Date	Blank	Limit	Result	Result	%	Result	Conc	70-130	Result	Conc	70-130	%	Result	Conc	85-115	Result	Conc	85-115
		mg/L	mg/L	mg/L	mg/L	≤20	mg/L	mg/L		mg/L	mg/L			mg/L	mg/L		mg/l	mg/l	
Hg	11/03/09	< 0.00020	0.00020	NA	NA	NA	0.00271	0.0020	99	0.00273	0.00200	100	1.01	NA	NA	NA	0.00197	0.0020	99
							0.00197	0.0020	99	0.00202	0.00200	101	2.51						

Comment:

NR = No Recovery

#1 = Matrix Interference

#2 = High Analyte

	QC	Check Std	True	%
	Check	Result	Conc	Recovery
	Std	mg/L	mg/l	95-105
Hg	IPC	0.00200	0.00200	100.0
	QC	Check Std	True	%
	Check	Result	Conc	Recovery
	Std	mg/L	mg/l	90-110
	ICV	0.00201	0.00200	100.5
	CCV2	0.00203	0.00200	101.5
Hg	CCV3	0.00204	0.00200	102.0
	CCV4	0.00203	0.00200	101.5
	CCV5		0.00200	

QC	Check Std
Check	Result
Blank	mg/L
IPB	< 0.00020
QC	Check Std
Check	Result
Blank	mg/L
ICB	< 0.00020
CCB2	< 0.00020
CCB3	< 0.00020
CCB4	< 0.00020
CCB5	

Comment:

NR = No Recovery

#1 = Matrix Interference

#2 = High Analyte



Environmental Chemistry Chain of Custody EMSL Order Number (Lab Use Only):

01090	54	17	2
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EMSLAMMITTICAL INC 3 Doc PER St. WESTMONT, NU 06 108 PHONE: (838) 888-4800

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Report To Contact Nam	ne: Fra	nk like	Bill To	Company:	Son	re		Sampled	By (Sig	nature):	trullyn.	12 Je
Company Name: CE					ent 1	rke		Number o	of Samp	les in Skipn	nent: 9	/
Address 1: 190 (N. llion	St, Sute 1	Addres	s 1:	T			Date of S	hipmen	t: /0/2	19/09	
Address 2: South		, NJ 0888						U.S. State	where	Samples C	ollected:	17
Phone (: 908) 227-43	}			908)227-43			•	Purchase	Order:			
		e 401. Com	Project	Name: 48.	Sewel	Streat	H	Empste	each,	NY		
Standard Turnaround T			The following	g TAT's are su	bject to lat	approval:	: 🗌 1 V	Veek 🔲 4	Days [] 3 Days [☐	2 Days 11	Эау
Failure to complete will hi	nder process	ing of samples	Matrix	Preservative			List Tes	t(s) Need	ed			
Client Sample ID	Comp Grat	Date/Time	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	+ Chromium						Comm	ients
) MW-1	V	10/26/09/85	3 W	2	lan)							
-) MW-2	V	1/552	V	i		0						
MW-3	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	V/8926	V	V	2	2						
MW-4	ارز 📗	1/1105		/	1 \1\	0						
MW-5	V	V/BIS	* V		1							-
MW-6	V	1/1437	1	V	127	2					•	A Company
MW-7	<i>i</i> /	1/1737	V	V	1							
Released By Sign	nature)	Da	te & Time			Receiy	ed By				Date & Time	
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Please indicate reporting requirements: Results Only Results and QC Reduced Deliverables Disk Deliverable Other Instructions or Comments:												
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Environmental Chemistry Chain of Custody EMSL Order Number (Lab Use Only):

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010	405	147	2		

EMSL ANALYTICAL, INC. 3 COOPER ST. WESTMONT, NJ 08108

PHONE: (856) 858-4800 FAX: (856) 858-3899

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

	Failure to complete will h	inder pı	ocessi	ng of samples	Matrix	Preservative		Lis	st Test(s) Need	ed	*	
		Comp	Grab	Date/Time	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNQ3 3=H2SO4 4=ICE 5=Other							Comments
(8)	Mw-8 Mw-9			10/27/09/13.	es W	2							
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http://www.emsl.com

3 Cooper St. Westmont, NJ 08108 Phone: (856) 858-4800 Fax: 8568584571



Attn: Frank Lyke
CES Environmental Services
190 William Street
Suite 1C
South River, NJ 08882

11/4/2009

Phone (917) 478-8549

Fax:

The following report covers the analysis performed on samples submitted to EMSL Analytical, Inc. on 10/30/2009. The results are tabulated on the attached data pages for the following client designated project:

Project ID: 48 Sewel Street, Hempstead, NY

The reference number for these samples is EMSL Order #010905482. Please use this reference when calling about these samples.

If you have any questions, please do not hesitate to contact me at (856) 858-4800.

Reviewed and Approved By:

Julie Smith Laboratory Director or other approved signatory

NJ-NELAP Accredited:0465



The test results contained within this report meet the requirements of NELAC nd/or the specific certification program that is applicable, unless otherwise noted.

Page 1 of 3

The samples associated with this report were received in good condition unless otherwise noted. This report relates only to those items tested as received by the laboratory. The QC data associated with the sample results meet the recovery and precision requirements established by NELAP, unless specifically indicated. All results for soil samples are reported on a dry weight basis, unless otherwise noted. This report may not be reproduced except in full and without written approval by EMSL Analytical, Inc.



3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmlth@emsl.com



Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

South River, NJ 08882

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

10/30/09 9:57 AM

EMSL Order:

010905481

Fax:

Phone: (917) 478-8549

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	GP-1	Collected:	10/28/2009 11:26:00 AM	Lab ID: 0001	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Aluminum	530	100 μg/L	11/4/2009	iacevedo
6010B	Antimony	<20	20 µg/L	11/4/2009	iacevedo
6010B	Arsenic	<8.0	8.0 µg/L	11/4/2009	iacevedo
6010B	Barium	<100	100 μg/L	11/4/2009	iacevedo
6010B	Beryllium	<4.0	4.0 µg/L	11/4/2009	iacevedo
6010B	Cadmium	<4.0	4.0 μg/L	11/4/2009	iacevedo
6010B	Calcium	15000	1000 μg/L	11/5/2009	iacevedo
6010B	Chromium	<10	10 μg/L	11/4/2009	iacevedo
6010B	Cobalt	<10	10 μg/L	11/4/2009	iacevedo
6010B	Copper	<20	20 μg/L	11/4/2009	iacevedo
3010B	Iron	1200	100 µg/L	11/4/2009	iacevedo
6010B	Lead	<10	10 μg/L	11/4/2009	iacevedo
3010B	Magnesium	1100	1000 µg/L	11/5/2009	iacevedo
6010B	Manganese	28	15 μg/L	11/4/2009	iacevedo
3010B	Nickel	23	20 μg/L	11/4/2009	iacevedo
6010B	Potassium	1700	1000 µg/L	11/5/2009	iacevedo
6010B	Selenium	<20	20 µg/L	11/4/2009	iacevedo
6010B	Silver	<10	10 μg/L	11/4/2009	iacevedo
6010B	Sodium	4300	1000 µg/L	11/5/2009	lacevedo
6010B	Thallium	<10	10 µg/L	11/4/2009	iacevedo
010B	Vanadium	<10	10 µg/L	11/4/2009	iacevedo
010B	Zinc	53	20 μg/L	11/4/2009	iacevedo
Client Sample Description	GP-2	Collected:	10/28/2009 11:47:00 AM	Lab ID: 0002	
1ethod	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
010B	Aluminum	7200	100 µg/L	11/4/2009	iacevedo
010B	Antimony	<20	20 μg/L	11/4/2009	iacevedo

Samples analyzed by EMSL Analytical, Inc. Westmont 3 Cooper St., Westmont NJ

Lest Report ChemSmplw/RDLver2-7.16.0 Printed: 11/6/2009 8:19:37 AM

Page 2 of 3



3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com

EMSL

Attn: Frank Lyke
CES Environmental Services
190 William Street
Suite 1C
South River, NJ 08882

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

10/30/09 9:57 AM

EMSL Order:

010905481

Fax:

Phone: (917) 478-8549

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	GP-2	Collected:	10/28/2009 11:47:00 AM	Lab 1D; 0002	
Method	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
6010B	Arsenic	11:	8.0 µg/L	11/4/2009	iacevedo
6010B	Barlum	<100	100 μg/L	11/4/2009	iacevedo
6010B	Beryllium	<4.0	4.0 µg/L	11/4/2009	iacevedo
6010B	Cadmium	<4.0	4.0 µg/L	11/4/2009	iacevedo
6010B	Calcium	21000	1000 µg/L	11/5/2009	iacevedo
6010B	Chromium	35	10 μg/L	11/4/2009	iacevedo
6010B	Cobalt	<10	10 µg/L	11/4/2009	iacevedo
6010B	Copper	140	20 µg/L	11/4/2009	iacevedo
5010B	Iron	10000	100 µg/L	11/4/2009	iacevedo
6010B	Lead	60	10 μg/L	11/4/2009	iacevedo
6010B	Magnesium	4200	1000 μg/L	11/5/2009	iacevedo
⁽ 3010B	Manganese	280	15 μg/L	11/4/2009	lacevedo
6010B	Nickel	120	20 μg/L	11/4/2009	iacevedo
6010B	Potassium	2400	1000 μg/L	11/5/2009	íacevedo
3010B	Selenium	<20	20 μg/L	11/4/2009	iacevedo
¹ 3010B	Silver	<10	10 μg/L	11/4/2009	iacevedo
(6010B	Sodium	14000	1000 µg/L	11/5/2009	iacevedo
0108م	Thallium	<10	10 μg/L	11/4/2009	iacevedo
1010B	Vanadium	12	10 µg/L	11/4/2009	iacevedo
6010B	Zinc	470	20 μg/L	11/4/2009	iacevedo



Environmental Chemistry Chain of Custody EMSL Order Number (Lab Use Only):

FINISE OF	dei Mullibei (r	.ab use Only).
01090	0548/	

EMSL ANALYTICAL, INC. 3 COOPER ST. WESTMONT, NJ 08108

PHONE: (856) 858-4800 FAX: (856) 858-3899

			<u> </u>								p M
Report To Contact Name:	Frank 14h	le	Bill To C	ompany:				Sampled	l By (Sign	ature):	allua 95
Company Name: CES			Attention	n To: Fran	h /4	Ke		Number	of Sampl	es in Shipmen	ıt: 2
Address 1: 190 Will	Iam St Si	utila	/C Address 1:				Date of	Shipment	10/29	109	
Address 2: South	iver, NJ	18882	Address	2:				U.S. Sta	te where	Samples Colle	ected: NY
/0.01.07	Fax:		Phone:		Fax	C:			e Order:		***************************************
Email Results To: Fond	290 98 RG	id/ can	Project N	Name: 48	Sei	vel	St. 1	Tenps!	earl,	NY	
Standard Turnaround Time:			following	TAT's are sul	oject to I	ab app	roval: 🔲	l Weék □			Days 🗌 1 Day
Failure to complete will hinder	processing of s	amples N	latrix	Preservative			List T	est(s) Need	ied		
Client Sample ID Con	np Grab Date	Time S SL=	=Water i=Soil \=Air =Sludge = Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	thrown	124					Comments
201	1/10/00	-/-/- 	W		2	€ <u></u>			+		0 -
GP-1	10/28	1/1/26		2	3	W/			+ +		
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10/30/09

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3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4800 Fax: (856) 858-4571 Email: jsmith@emsl.com



Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

South River, NJ 08882

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

10/30/09 9:57 AM

EMSL Order:

010905482

Fax:

Phone: (917) 478-8549

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	GP-3	Collected:	10/28/2009 11:00:00 AM	Lab ID: 0001	
i <i>1ethod</i>	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
[!] 3010B	Aluminum	140	100 µg/L	10/30/2009	iacevedo
16010B	Antimony	<20	20 µg/L	10/30/2009	iacevedo
,3010B	Arsenic	14	8.0 µg/L	11/2/2009	iacevedo
010B	Barium	<100	100 μg/L	10/30/2009	iacevedo
^โ ร01 0 B	Beryllium	<4.0	4.0 µg/L	10/30/2009	iacevedo
₁ 6010B	Cadmium	<4.0	4.0 μg/L	10/30/2009	iacevedo
,010Bر	Calcium	110000	1000 μg/L	11/2/2009	iacevedo
['] `010B	Chromium	12	10 μg/L	10/30/2009	iacevedo
6010B	Cobalt	<10	10 μg/L	10/30/2009	iacevedo
_i റ്010B	Copper	<20	20 μg/L	10/30/2009	iacevedo
.010B	Iron	210	100 µg/L	11/2/2009	iacevedo
้า010B	Lead	<10	10 μg/L	10/30/2009	iacevedo
6010B	Magnesium	9300	1000 μg/L	11/2/2009	iacevedo
010Bد _،	Manganese	630	15 μg/L	10/30/2009	iacevedo
010B	Nickel	250	20 μg/L	10/30/2009	iacevedo
^l ≂010B	Potassium	7300	1000 µg/L	10/30/2009	iacevedo
6010B	Selenium	<20	20 μg/L	10/30/2009	iacevedo
010Bد _م	Silver	<10	10 μg/L	10/30/2009	iacevedo
010B	Sodium	39000	1000 μg/L	10/30/2009	iacevedo
^เ ร010B	Thallium	<10	10 μg/L	10/30/2009	iacevedo
ю̀010В	Vanadium	<10	10 μg/L	10/30/2009	iacevedo
010B.	Zinc	<20	20 μg/L	10/30/2009	iacevedo
Client Sample Description	GP-4	Collected:	10/28/2009 10:00:00 AM	Lab ID: 0002	
!			Reporting	Analysis	
Aethod	Parameter	Concentration	Limit Units	Date	Analyst
010B	Aluminum	120	100 μg/L	10/30/2009	iacevedo
3010B	Antimony	<20	20 μg/L	10/30/2009	iacevedo



3 Cooper St., Westmont, NJ 08108

Phone: (856) 858-4806

Fax: (850) 858-4571 Email: jsmith@emsl.com



Attn: Frank Lyke

CES Environmental Services

190 William Street

Suite 1C

South River, NJ 08882

Customer ID:

CESE26

Customer PO:

CK#1272

Received:

10/30/09 9:57 AM

EMSL Order:

010905482

Fax:

Phone: (917) 478-8549

EMSL Proj:

48 Sewel Street, Hempstead, NY

Test Report

Client Sample Description	GP-4	Collected:	10/28/2009 10:00:00 AM	Lab ID: 0002	
l lethod	Parameter	Concentration	Reporting Limit Units	Analysis Date	Analyst
¹ `010B	Arsenic	<8.0	8.0 µg/L	10/30/2009	iacevedo
16010B	Barium	<100	100 μg/L	10/30/2009	iacevedo
, J010B	Beryllium	<4.0	4.0 μg/L	10/30/2009	iacevedo
010B	Cadmium	<4.0	4.0 μg/L	10/30/2009	iacevedo
3010B	Calcium	71000	1000 μg/L	11/2/2009	ia c evedo
10010B	Chromium	340	10 μg/L	10/30/2009	iacevedo
,010B	Cobalt	22	10 μg/L	10/30/2009	iacevedo
່ ງ10B	Copper	<20	20 μg/L	10/30/2009	iacevedo
^โ ร010B	Iron	540	100 μg/L	11/2/2009	iacevedo
_l o010B	Lead	<10	10 μg/L	10/30/2009	iacevedo
J10B	Magnesium	8600	1000 μg/L	11/2/2009	iacevedo
່`ວ10B	Manganese	650	15 μg/L	10/30/2009	iacevedo
15010B	Nickel	1100	20 μg/L	10/30/2009	iacevedo
ုပ010B	Potassium	5300	1000 µg/L	10/30/2009	iacevedo
J10B	Selenium	<20	20 μg/L	10/30/2009	iacevedo
¹ ~010B	Silver	<10	10 μg/L	10/30/2009	iacevedo
អ010B	Sodium	39000	1000 μg/L	10/30/2009	iacevedo
010Bر ₋	Thallium	<10	10 μg/L	10/30/2009	iacevedo
)10B	Vanadium	<10	10 μg/L	10/30/2009	iacevedo
010B ^ث	Zinc	<20	20 μg/L	10/30/2009	iacevedo

. ri...ea.

11,2609

ICP QC Batch Summary

Batch: Created:

Matrix:

Instrument:

01Q091030-030 10/30/2009 1:56:28F

Samples:

010905472-0001 010905472-0005 010905472-0009 010905472-0002 010905472-0006 010905478-0001

01-IRIS Intrepid XL Waste Water

010905472-0003 010905472-0007 010905482-0001 010905472-0004 010905472-0008 010905482-0002

	Blank/DL Method Blank[1]		Spike									
			LFM[1] 010905472-0001			LFM DUP[1] 010905472-0001				LFM[2] 010905478-0001		
	10/30/09 21:23		10/30/09 21:45			10/30/09 21:52				10/30/09 23:22		
	Result µg/L	DL µg/L	Result µg/L		% Rec	Result µg/L		% Rec	% RPD	Result µg/L		% Rec
				μg/L	70-130		µg/L	70-130	<=20		μg/L	70-130
Aluminum	<100	100	960	1000	92.3	970	1000	92.9	0.648	960	1000	94.5
Antimony	<20	20	970	1000	97.1		1000	97.7	0.616		1000	97.2
Arsenic	<8.0	8.0	1000	1000	103	1100		104	0.966		1000	106
Barium	<100	100	920	1000	89.7	940	1000	91.7	2.21		1000	91.1
Beryllium	<4.0	4.0	21	25.0	83.9	22	25.0	86.6	3.17		25.0	85.1
Cadmium	<4.0		93	100	92.3	95	100	94.8	2.67		100	93.9
Calcium	<1000	1000	75000	10000	64.0*	80000	10000	109	52.0#*		10000	89.7
Chromium	<10	10	210	250	85.2	220	250	89.2	4.59		250	85.4
Cobalt	<10			250	93.2	240	250	94.9	1.81		250	94.4
Copper	<20	20	210	250	84.1	210	250	85.1	1.18		250	84.7
Iron-R	<100	100	1000	1000	98.0	1100	1000	101	3.02		1000	98.8
Lead	<10	10	930	1000	93.1	950	1000	94.8	1.81	950	1000	94.8
Magnesium	<1000	1000		10000	82.5	18000	10000	92.3	11.2	17000	10000	88.5
Manganese	<15	15	220	250	83.7	220	250	85.6	2.24		250	83.8
Nickel	<20	20		250	92.2	250	250	94.3	2.25	240		94.1
Potassium	<1000			10000	87.0	13000	10000	91.2	4.71	14000	10000	90.1
Selenium	<20	20		1000	100	1000	1000	102	1.98	1000	1000	101
Silver	<10			50.0	86.5		00.0	87.7	1.38	44	50.0	87.4
Sodium	<1000	1000	38000	10000	76.3	39000	10000	89.0	15.4	65000	10000	93.8
Thallium	<10			1000	92.6	950	1000	94.7	2.24	940	1000	93.9
Vanadium	<10			250	82.8	210	250	84.9	2.50	210	250	84.1
Zinc	<20	20	230	250	91.6	240	250	94.9	3.54	270	250	93.3

^(*) Result outside control limits (#) Sample Result > 4 x spike amt (x) No solids data

rimed.

11/2/2009

ICP QC Batch Summary

Batch: Created:

Matrix:

01Q091030-030

10/30/2009 1:56:28F 01-IRIS Intrepid XL

Instrument:

Waste Water

Samples:

010905472-0001

010905472-0004

010905472-0005 010905472-0002 010905472-0006 010905472-0003 010905472-0007

010905472-0009 010905478-0001

010905472-0008

010905482-0001 010905482-0002

		Spi		Control				
		LFM D		LCS[1]				
		01090547	78-0001					
		10/30/09	23:44	10/30/09 21:30				
	Result µg/L	True Conc µg/L	% Rec 70-130	% RPD <=20	Result ppm	True Conc ppm	% Rec 85-115	
Aluminum	980	1000	95.8	1.37	0.93	1.00	92.5	
Antimony	970	1000	97.1	0.103	0.94	1.00	94.0	
Arsenic	1100	1000	105	0.948	0.98	1.00	97.7	
Barium	950	1000	91.3	0.219	0.89	1.00	89.2	
Beryllium	21	25.0	85.0	0.118	0.022	0.0250	89.1	
Cadmium	95	100	94.4	0.531	0.093	0.100	92.6	
Calcium	36000	10000	96.1	6.89	8.2	10.0	81.7*	
Chromium	220	250	87.1	1.97	0.23	0.250	90.7	
Cobalt	240		94.6	0.212	0.23	0.250	92.4	
Copper	210		85.0	0.354	0.21	0.250	85.8	
Iron-R	1100	1000	98.3	0.507	1.0	1.00	104	
Lead	950		95.0	0.211	0.92	1.00	91.5	
Magnesium	17000	i .	93.6	5.60	9.3	10.0	92.7	
Manganese	310	!	83.9	0.119	0.22	0.250	88.3	
Nickel	240		94.4	0.318	0.23	0.250	91.6	
Potassium	14000		93.6	3.81	8.5	10.0	85.2	
Selenium	1000	1000	102	0.985	0.98	1.00	98.0	
Silver	45	1	88.3	1.02	0.046	0.0500	92.5	
Sodium	66000	10000	103	9.35	8.8	10.0	88.3	
Thallium	950	1000	94.7	0.848	0.90	1.00	90.4	
Vanadium	210		83.6	0.596	0.22	0.250	87.8	
Zinc	270	250	93.3	0.00	0.22	0.250	87.8	

^(*) Result outside control limits (#) Sample Result > 4 x spike amt (x) No solids data

. .in..d:

Matrix:

Arsenic

Barium

Calcium

Cobalt

Copper

Iron-R

Lead

Nickel

Silver

Zinc

Sodium

.1/2,2000

ICP QC Batch Summary

010905472-0004

Batch: Created: 01Q091030-030

10/30/2009 1:56:28F Instrument: 01-IRIS Intrepid XL Waste Water

Samples:

010905472-0001 010905472-0005 010905472-0002 010905472-0006 010905472-0003 010905472-0007

010905472-0008

010905478-0001 010905482-0001 010905482-0002

010905472-0009

Blank/DL Dilution Spike Method Blank[1] Duplicate (1:5)[1] LFM[1] LFM DUP[1] 010905472-0001 010905472-0001 010905472-0001 11/2/09 8:24 11/2/09 9:08 11/2/09 8:46 11/2/09 8:53 Result µg/L DL µg/L Dup Result % RPD <= Result µg/L True Conc Sample % Rec Result µg/L True Conc % Rec % RPD Result µg/L μg/L μg/L 70-130 μg/L 70-130 <=20 Aluminum <100 100 <100 <500 0.00 960 1000 92.3 970 1000 92.9 0.648 Antimony <20 20 <20 <100 0.00 970 1000 97.1 980 1000 97.7 0.616 <8.0 8.0 <8.0 <40 0.00 1000 1000 103 1100 1000 104 0.966 <100 100 <100 680 0.00 920 1000 89.7 940 1000 91.7 2.21 Beryllium <4.0 4.0 <4.0 <20 0.00 21 25.0 83.9 22 25.0 86.6 3.17 Cadmium <4.0 4.0 <4.0 <20 0.00 93 100 92.3 95 100 94.8 2.67 <1000 1000 80000 72000 10.8 92000 10000 118 90000 10000 101 15.5 Chromium <10 10 <10 < 50 0.00 210 250 85.2 220 250 89.2 4.59 <10 10 <10 <50 0.00 230 250 93.2 240 250 94.9 1.81 <20 20 <20 <100 0.00 210 250 84.1 210 250 85.1 1.18 <100 100 <100 < 500 0.00 990 1000 94.5 1000 1000 99.1 4.75 <10 10 <10 <50 0.00 930 1000 93.1 950 1000 94.8 1.81 Magnesium <1000 1000 9100 8900 2.30 18000 10000 92.0 18000 10000 90.8 1.31 Manganese <15 15 <15 <75 0.00 220 250 83.7 220 250 2.24 85.6 <20 20 <20 <100 0.00 240 250 92.2 250 250 94.3 2.25 Potassium <1000 1000 3900 <5000 0.00 13000 10000 87.0 13000 10000 91.2 4.71 Selenium <20 20 <20 <100 0.00 1000 1000 100 1000 1000 102 1.98 <10 10 <10 <50 0.00 44 50.0 86.5 45 50.0 87.7 1.38 <1000 1000 30000 32000 6.27 38000 10000 76.3 39000 10000 89.0 15.4 Thallium <10 10 <10 <50 0.00 930 1000 92.6 950 1000 94.7 2.24 Vanadium <10 10 <10 <50 0.00 210 250 82.8 210 250 84.9 2.50 <20 20 <20 <100 0.00 230 250 91.6 240 250 94.9 3.54

^(*) Result outside control limits (#) Sample Result > 4 x spike amt (x) No solids data

. ifriud:

1/2/2003

ICP QC Batch Summary

Batch: Created:

Matrix:

Aluminum

Antimony

Arsenic

Barium

Beryllium

Cadmium

Chromium

Magnesium

Manganese

Potassium

Selenium

Calcium

Cobalt

Copper

Iron-R

Lead

Nickel

Silver

Zinc

Sodium

Thallium

Vanadium

Instrument:

01Q091030-030 10/30/2009 1:56:28F

01-IRIS Intrepid XL Waste Water Samples:

010905472-0001 010905472-0005 010905472-0009 010905472-0002 010905472-0006 010905478-0001 010905472-0003 010905472-0007 010905482-0001

010905472-0008

010905482-0002

Spike Control LFM[2] LFM DUP[2] LCS[1] 010905478-0001 010905478-0001 11/2/09 10:37 11/2/09 10:59 11/2/09 8:31 Result µg/L True Conc % Rec Result µg/L True Conc % Rec % RPD Result ppm True Conc % Rec µg/L 70-130 μg/L 70-130 <=20 85-115 ppm 960 1000 94.5 980 1000 95.8 1.37 0.93 1.00 92.5 970 1000 97.2 970 1000 97.1 0.103 0.94 1.00 94.0 1100 1000 106 1100 1000 105 0.948 0.98 1.00 97.7 940 1000 91.1 950 1000 91.3 0.219 0.89 1.00 89.2 21 25.0 85.1 21 25.0 85.0 0.118 0.022 0.0250 89.1 94 100 93.9 95 100 94.4 0.531 0.093 92.6 0.100 40000 10000 93.2 42000 10000 108 14.7 9.8 10.0 98.4 220 250 85.4 220 250 87.1 1.97 0.23 0.250 90.7 240 250 94.4 240 250 94.6 0.212 0.23 0.250 92.4 210 250 84.7 210 250 85.0 0.354 0.21 0.250 85.8 1100 1000 95.7 1100 1000 94.2 1.58 1.0 1.00 101 950 1000 94.8 950 1000 95.0 0.211 0.92 1.00 91.5 17000 10000 86.6 17000 10000 91.0 4.95 9.5 10.0 95.3 310 250 83.8 310 250 83.9 0.119 0.22 0.250 88.3 250 240 94.1 240 250 94.4 0.318 0.23 0.250 91.6 14000 10000 90.1 14000 93.6 10000 3.81 8.5 10.0 85.2 1000 1000 101 1000 1000 102 0.985 0.98 1.00 98.0 44 50.0 87.4 45 50.0 88.3 1.02 0.046 0.0500 92.5 65000 10000 93.8 66000 10000 103 9.35 8.8 10.0 88.3 940 1000 93.9 950 1000 94.7 0.848 0.90 1.00 90.4 250 210 84.1 210 250 83.6 0.596 0.22 0.250 87.8 270 250 93.3 270 250 93.3 0.00 0.22 0.250 87.8

010905472-0004

^(*) Result outside control limits (#) Sample Result > 4 x spike amt (x) No solids data

Mercury CVAA QC Results Report

Samples in batch:

5398-1	5472-1	5472-8	
5400-1	5472-2	5472-9	
5470-1	5472-3	5481-1	
5470-2	5472-4	5481-2	
5470-3	5472-5	5482-1	
5470-4	5472-6	5482-2	
£470.£	5.170.7		

QC Sample 5398-1 Ref# 09-429

Matrix Aqueous

Method 245.1 Instrument PE FIMS 100 5470-5

5472-7

		Blan	k/DL		Duplicate					Spike	***-							LCS	
	Analysis	Prep	Detection	Sample	Dup Samp	RPD	MS	True	% Rec	MSD	True	% Rec	RPD	PostSpk	True	% Rec	LCS	True	% Rec
Analyte	Date	Blank	Limit	Result	Result	%	Result	Conc	70-130	Result	Conc	70-130	%	Result	Conc	85-115	Result	Conc	85-115
		mg/L	mg/L	mg/L	mg/L	≤20	mg/L	mg/L		mg/L	mg/L			mg/L	mg/L		mg/l	mg/l	
Hg	11/03/09	< 0.00020	0.00020	NA	NA	NA	0.00271	0.0020	99	0.00273	0.00200	100	1.01	NA	NA	NA	0.00197	0.0020	99
							0.00197	0.0020	99	0.00202	0.00200	101	2.51						

Comment:

NR = No Recovery

#1 = Matrix Interference

#2 = High Analyte

	QC	Check Std	True	%
	Check	Result	Conc	Recovery
	Std	mg/L	mg/l	95-105
Hg	IPC	0.00200	0.00200	100.0
	QC	Check Std	True	%
	Check	Result	Conc	Recovery
	Std	mg/L	mg/l	90-110
	ICV	0.00201	0.00200	100.5
	CCV2	0.00203	0.00200	101.5
Hg	CCV3	0.00204	0.00200	102.0
	CCV4	0.00203	0.00200	101.5
	CCV5		0.00200	
_				

QC	Check Std
Check	Result
Blank	mg/L
IPB	< 0.00020
QC	Check Std
Check	Result
Blank	mg/L
ICB	< 0.00020
CCB2	< 0.00020
CCB3	< 0.00020
CCB4	< 0.00020
CCB5	

Comment:

NR = No Recovery

#1 = Matrix Interference

#2 = High Analyte



Environmental Chemistry Chain of Custody EMSL Order Number (Lab Use Only):

01090	V114	$\overline{\mathcal{L}}$	 	
01090	7540) &		

EMSL ANALYTICAL, INC. 3 COOPER ST. WESTMONT, NJ 08108

PHONE: (856) 858-4800 FAX: (856) 858-3899

Report To Contact Nam	ie: 🗲	zem	4/4/la	Bill To	Company:	\rightarrow	med		Sampled By (Signature):	twellningo		
Company Name:	Attenti	Attention To: Frame /The					Number of Samples in Shipment:						
Address 1: 190 Wilkern St Suite				C Addres	Address 1:					Date of Shipment: $10/29/09$			
			£ 0888		s 2:				U.S. State who	ere Samples Col	lected: NY		
Phone : (908) 227-43	7/F	ax:		Phone:		Fa	x:		Purchase Order:				
Email Results To:					Name: 48	Sew	rel 8%	H	temps te	ad,044			
Standard Turnaround Ti	ime:	☑ 2 V	Veeks	The followin	g TAT's are sul	oject to	ab approval:	WAY V	VeeK 🗌 4 Day	s 🗌 3 Days 🗌 2	Days 🗌 1 Day		
Failure to complete will him	nder pro	ocessi	ng of samples		Preservative			List Tes	t(s) Needed				
Client Sample ID	Comp	Grab	Date/Time	W=Water S=Soil A=Air SL=Sludge O= Other	1=HCL 2=HNO3 3=H2SO4 4=ICE 5=Other	iavelont	WAL/8				Comments		
Gf-3		V	10/28/09/110	o U	2	\$	0/0						
GP-4		v	/1000	W	2		\$ C						
			<i></i>			747	6						
								-					
△ Released By (Sign	ature)		l Da	te & Time			Receive	ed By			Date & Time		
That wes			15/29/0	9 9:1	59m p	- /	root			10/25	/305		
T. Show	7		10-2	9 15	30			4	C WET ICE	/ 05/1	39		
Please indicate report	Please indicate reporting requirements: Results Only Results and QC Reduced Deliverables Disk Deliverable Other												
Instructions or Comm		•		تعور									
PER FRANK, RUN FOR TAL METALS ONLY CHO FORD ON OF NORD AKEY 9:50A 10/30/09 -EZ CMO FORD ON OF NORD AKEY													

APPENDIX D

MONITORING WELL CONSTRUCTION DETAILS

MONITORING WELL LOG (MW-5)

Site Name:

48 Sewel Street, LLC

Start Date: October 24, 2009

Site Address:

48 Sewel Street

Completion Date: October 24, 2009

Drilling Method:

Hollow Stem Auger

Depth to Water (DTW):10.61 feet

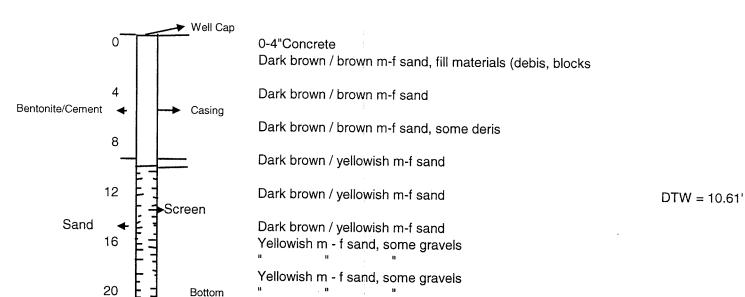
On-Site Geologist:

Francis Onaga

Depth (ft) Diagram

Lithologic Description

Remarks



MONITORING WELL LOG (MW-6)

Site Name:

48 Sewel Street, LLC

Start Date: October 24, 2009

Site Address:

48 Sewel Street

Completion Date: October 24, 2009

Drilling Method:

Hollow Stem Auger

Depth to Water (DTW):9.65 feet

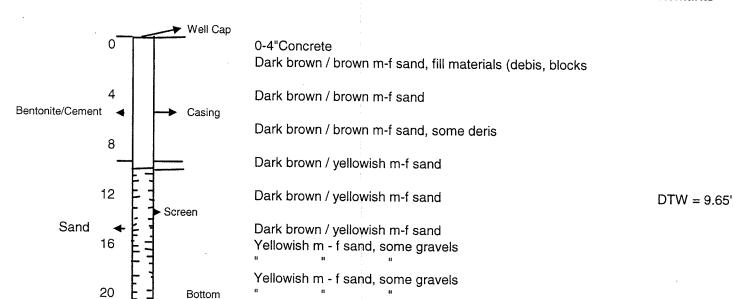
On-Site Geologist:

Francis Onaga

Depth (ft) Diagram

Lithologic Description

Remarks



MONITORING WELL LOG (MW-7)

Site Name:

48 Sewel Street, LLC

Start Date: October 24, 2009

Site Address:

48 Sewel Street

Completion Date: October 24, 2009

Drilling Method:

Hollow Stem Auger

Depth to Water (DTW):10.40 feet

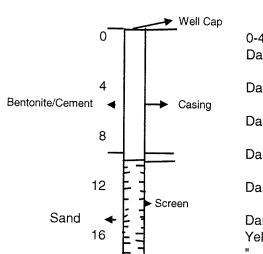
On-Site Geologist:

Francis Onaga

Depth (ft) Diagram

Lithologic Description

Remarks



Bottom

0-4"Concrete

Dark brown / brown m-f sand, fill materials (debis, blocks

Dark brown / brown m-f sand

Dark brown / brown m-f sand, some deris

Dark brown / yellowish m-f sand

Dark brown / yellowish m-f sand

DTW = 10.40'

Dark brown / yellowish m-f sand Yellowish m - f sand, some gravels

Yellowish m - f sand, some gravels

MONITORING WELL LOG (MW-8)

Site Name:

48 Sewel Street, LLC

Start Date: October 25, 2009

Site Address:

48 Sewel Street

Completion Date: October 25, 200

Drilling Method:

Hollow Stem Auger

Depth to Water (DTW):10.30 feet

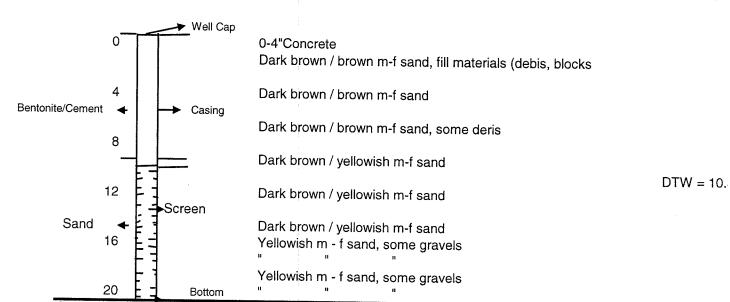
On-Site Geologist:

Francis Onaga

Depth (ft) Diagram

Lithologic Description

Remarks



MONITORING WELL LOG (MW-9)

Site Name:

48 Sewel Street, LLC

Start Date: October 25, 2009

Site Address:

48 Sewel Street

Completion Date: October 25, 200

Drilling Method:

Hollow Stem Auger

Depth to Water (DTW):10.25 feet

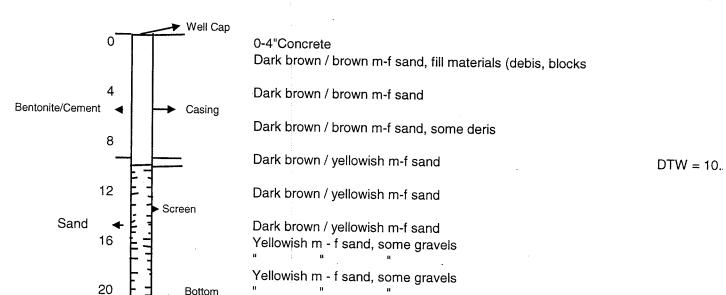
On-Site Geologist:

Francis Onaga

Depth (ft) Diagram

Lithologic Description

Remarks



Completion depth @ 20 feet below grade (bg). Ten feet (10) of screen and ten solid

Bottom

APPENDIX E

RESULTS OF AIR MONITORING PROGRAM (CAMP)

```
pDR-1000
fag Number: 08
Number of logged points: 394
Start time and date: 09:58:11 16-Nov
Clapsed time: 06:34:00
Logging period (sec): 60
Calibration Factor (%): 100
1ax Display Concentration: 0.371 mg/m<sup>3</sup>
Time at maximum: 13:49:16 Nov 16
1ax STEL Concentration: 0.058 mg/m^3
Time at max STEL: 14:01:41 Nov 16
Jverall Avg Conc: 0.040 mg/m<sup>3</sup>
Logged Data:
Point, Date , Time , 1, 16 Nov, 09:59:11,
                            Avg. (mg/m^3)
                            0.051
    2, 16 Nov, 10:00:11,
                            0.043
    3, 16 Nov, 10:01:11,
                            0.048
    4, 16 Nov, 10:02:11,
                            0.037
    5, 16 Nov, 10:03:11,
                            0.021
    6, 16 Nov, 10:04:11,
                            0.041
    7, 16 Nov, 10:05:11,
                            0.041
    8, 16 Nov, 10:06:11,
                            0.040
    9, 16 Nov, 10:07:11,
                            0.040
   10, 16 Nov, 10:08:11,
                            0.040
   11, 16 Nov, 10:09:11,
                            0.034
   12, 16 Nov, 10:10:11,
                            0.055
   13, 16 Nov, 10:11:11,
                            0.040
   14, 16 Nov, 10:12:11,
                            0.045
   15, 16 Nov, 10:13:11,
                            0.041
   16, 16 Nov, 10:14:11,
                            0.045
   17, 16 Nov, 10:15:11,
                            0.040
   18, 16 Nov, 10:16:11,
                            0.043
   19, 16 Nov, 10:17:11,
                            0.039
   20, 16 Nov, 10:18:11,
                            0.040
   21, 16 Nov, 10:19:11,
                            0.039
   22, 16 Nov, 10:20:11,
                            0.039
   23, 16 Nov, 10:21:11,
                            0.040
                            0.040
   24, 16 Nov, 10:22:11,
                            0.040
   25, 16 Nov, 10:23:11,
   26, 16 Nov, 10:24:11,
                            0.040
   27, 16 Nov, 10:25:11,
                            0.040
   28, 16 Nov, 10:26:11,
                            0.045
   29, 16 Nov, 10:27:11,
                            0.042
   30, 16 Nov, 10:28:11,
                            0.047
   31, 16 Nov, 10:29:11,
                            0.040
   32, 16 Nov, 10:30:11,
                            0.050
   33, 16 Nov, 10:31:11,
                            0.040
   34, 16 Nov, 10:32:11,
                            0.039
   35, 16 Nov, 10:33:11,
                            0.041
   36, 16 Nov, 10:34:11,
                            0.042
   37, 16 Nov, 10:35:11,
                            0.038
   38, 16 Nov, 10:36:11,
                            0.039
  39, 16 Nov, 10:37:11,
40, 16 Nov, 10:38:11,
41, 16 Nov, 10:39:11,
42, 16 Nov, 10:40:11,
                            0.041
                            0.038
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Start time and date: 09:12:57 17-Nov
lapsed time: 05:57:00
Logging period (sec): 60
Calibration Factor (%): 100
fax Display Concentration: 2.757 mg/m³
Time at maximum: 09:16:53 Nov 17
lax STEL Concentration: 0.123 mg/m³
Time at max STEL: 09:30:57 Nov 17
Jverall Avg Conc: 0.049 mg/m<sup>3</sup>
~ogged Data:
                           Avg. (mg/m³)
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DR-1000
Tag Number: 10
Tumber of logged points: 248
Start time and date: 08:57:41 18-Nov
Llapsed time: 04:08:00
"logging period (sec): 60
Calibration Factor (%): 100
lax Display Concentration: 3.509 mg/m³
Time at maximum: 11:57:45 Nov 18
lax STEL Concentration: 0.116 mg/m<sup>3</sup>
Time at max STEL: 11:58:11 Nov 18
Overall Avg Conc: 0.054 mg/m<sup>3</sup>
logged Data:
             , Time
Point, Date
                           Avg. (mg/m^3)
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 94, 18 Nov, 10:31:41,
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 95, 18 Nov, 10:32:41,
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                         0.039
 96, 18 Nov, 10:33:41,
 97, 18 Nov, 10:34:41,
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                         0.039
 98, 18 Nov, 10:35:41,
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 99, 18 Nov, 10:36:41,
                         0.041
100, 18 Nov, 10:37:41,
101, 18 Nov, 10:38:41,
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102, 18 Nov, 10:39:41,
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103, 18 Nov, 10:40:41,
                         0.062
104, 18 Nov, 10:41:41,
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105, 18 Nov, 10:42:41,
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                         0.065
106, 18 Nov, 10:43:41,
107, 18 Nov, 10:44:41,
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108, 18 Nov, 10:45:41,
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109, 18 Nov, 10:46:41,
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110, 18 Nov, 10:47:41,
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111, 18 Nov, 10:48:41,
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112, 18 Nov, 10:49:41,
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113, 18 Nov, 10:50:41,
                         0.046
114, 18 Nov, 10:51:41,
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115, 18 Nov, 10:52:41,
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116, 18 Nov, 10:53:41,
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117, 18 Nov, 10:54:41,
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118, 18 Nov, 10:55:41,
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119, 18 Nov, 10:56:41,
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120, 18 Nov, 10:57:41,
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121, 18 Nov, 10:58:41,
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122, 18 Nov, 10:59:41,
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123, 18 Nov, 11:00:41,
                         0.058
124, 18 Nov, 11:01:41,
                         0.049
125, 18 Nov, 11:02:41,
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126, 18 Nov, 11:03:41,
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127, 18 Nov, 11:04:41,
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128, 18 Nov, 11:05:41,
                         0.053
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129, 18 Nov, 11:06:41,
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130, 18 Nov, 11:07:41,
                           0.049
131, 18 Nov, 11:08:41,
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132, 18 Nov, 11:09:41,
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133, 18 Nov, 11:10:41,
134, 18 Nov, 11:11:41,
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135, 18 Nov, 11:12:41,
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136, 18 Nov, 11:13:41,
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137, 18 Nov, 11:14:41,
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138, 18 Nov, 11:15:41,
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139, 18 Nov, 11:16:41,
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140, 18 Nov, 11:17:41,
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141, 18 Nov, 11:18:41,
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142, 18 Nov, 11:19:41,
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143, 18 Nov, 11:20:41,
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144, 18 Nov, 11:21:41,
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156, 18 Nov, 11:33:41,
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157, 18 Nov, 11:34:41,
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160, 18 Nov, 11:37:41,
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161, 18 Nov, 11:38:41,
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174, 18 Nov, 11:51:41,
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175, 18 Nov, 11:52:41,
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176, 18 Nov, 11:53:41,
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177, 18 Nov, 11:54:41,
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178, 18 Nov, 11:55:41,
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180, 18 Nov, 11:57:41,
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186, 18 Nov, 12:03:41,
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188, 18 Nov, 12:05:41,
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189, 18 Nov, 12:06:41,
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190, 18 Nov, 12:07:41,
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191, 18 Nov, 12:08:41,
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192, 18 Nov, 12:09:41,
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193, 18 Nov, 12:10:41,
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194, 18 Nov, 12:11:41,
195, 18 Nov, 12:12:41,
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                          0.043
196, 18 Nov, 12:13:41,
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197, 18 Nov, 12:14:41,
198, 18 Nov, 12:15:41,
                          0.041
199, 18 Nov, 12:16:41,
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201, 18 Nov, 12:18:41,
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203, 18 Nov, 12:20:41,
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204, 18 Nov, 12:21:41,
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205, 18 Nov, 12:22:41,
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206, 18 Nov, 12:23:41,
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207, 18 Nov, 12:24:41,
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208, 18 Nov, 12:25:41,
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209, 18 Nov, 12:26:41,
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210, 18 Nov, 12:27:41,
                          0.044
211, 18 Nov, 12:28:41,
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212, 18 Nov, 12:29:41,
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213, 18 Nov, 12:30:41,
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214, 18 Nov, 12:31:41,
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215, 18 Nov, 12:32:41,
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216, 18 Nov, 12:33:41,
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217, 18 Nov, 12:34:41,
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218, 18 Nov, 12:35:41,
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219, 18 Nov, 12:36:41,
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                          0.044
220, 18 Nov, 12:37:41,
                          0.040
221, 18 Nov, 12:38:41,
                         0.046
222, 18 Nov, 12:39:41,
                         0.041
223, 18 Nov, 12:40:41,
224, 18 Nov, 12:41:41,
                         0.043
225, 18 Nov, 12:42:41,
                          0.042
226, 18 Nov, 12:43:41,
                         0.046
                         0.044
227, 18 Nov, 12:44:41,
228, 18 Nov, 12:45:41,
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                         0.040
229, 18 Nov, 12:46:41,
230, 18 Nov, 12:47:41,
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231, 18 Nov, 12:48:41,
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232, 18 Nov, 12:49:41,
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233, 18 Nov, 12:50:41,
                         0.045
234, 18 Nov, 12:51:41,
                         0.042
235, 18 Nov, 12:52:41,
                         0.042
236, 18 Nov, 12:53:41,
                         0.039
237, 18 Nov, 12:54:41,
                         0.042
                         0.040
238, 18 Nov, 12:55:41,
239, 18 Nov, 12:56:41,
                         0.048
240, 18 Nov, 12:57:41,
                         0.045
241, 18 Nov, 12:58:41,
                         0.043
242, 18 Nov, 12:59:41,
                         0.044
243, 18 Nov, 13:00:41,
                         0.041
244, 18 Nov, 13:01:41,
                         0.041
245, 18 Nov, 13:02:41,
                         0.039
246, 18 Nov, 13:03:41,
                         0.045
247, 18 Nov, 13:04:41, 248, 18 Nov, 13:05:41,
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                         0.051
```

```
pDR-1000
Tag Number: 11
Number of logged points: 163
Start time and date: 14:02:35 18-Nov
Elapsed time: 02:43:00
Logging period (sec): 60
Calibration Factor (%): 100
Max Display Concentration: 0.514 mg/m³
Time at maximum: 14:18:27 Nov 18
1ax STEL Concentration: 0.067 mg/m3
Time at max STEL: 14:19:35 Nov 18
Jverall Avg Conc: 0.041 mg/m³
Logged Data:
                          Avg.(mg/m³)
Point, Date , Time
    1, 18 Nov, 14:03:35,
                           0.058
    2, 18 Nov, 14:04:35,
                           0.047
    3, 18 Nov, 14:05:35,
                           0.061
    4, 18 Nov, 14:06:35,
                           0.055
    5, 18 Nov, 14:07:35,
                           0.052
                           0.055
    6, 18 Nov, 14:08:35,
    7, 18 Nov, 14:09:35,
                           0.048
    8, 18 Nov, 14:10:35,
                           0.045
    9, 18 Nov, 14:11:35,
                           0.056
   10, 18 Nov, 14:12:35,
                           0.054
   11, 18 Nov, 14:13:35,
                           0.055
   12, 18 Nov, 14:14:35,
                           0.059
   13, 18 Nov, 14:15:35,
                           0.046
   14, 18 Nov, 14:16:35,
                           0.060
   15, 18 Nov, 14:17:35,
                           0.048
   16, 18 Nov, 14:18:35,
                           0.161
   17, 18 Nov, 14:19:35,
                           0.148
   18, 18 Nov, 14:20:35,
                           0.050
   19, 18 Nov, 14:21:35,
                           0.043
   20, 18 Nov, 14:22:35,
                           0.040
   21, 18 Nov, 14:23:35,
                           0.045
                           0.041
   22, 18 Nov, 14:24:35,
   23, 18 Nov, 14:25:35,
                           0.045
   24, 18 Nov, 14:26:35,
                           0.046
   25, 18 Nov, 14:27:35,
                           0.043
   26, 18 Nov, 14:28:35,
                           0.042
   27, 18 Nov, 14:29:35,
                           0.042
   28, 18 Nov, 14:30:35,
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   29, 18 Nov, 14:31:35,
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   30, 18 Nov, 14:32:35,
                           0.044
   31, 18 Nov, 14:33:35,
                           0.045
   32, 18 Nov, 14:34:35,
                           0.038
                           0.043
   33, 18 Nov, 14:35:35,
                           0.045
   34, 18 Nov, 14:36:35,
                           0.040
   35, 18 Nov, 14:37:35,
   36, 18 Nov, 14:38:35,
                           0.041
                           0.045
   37, 18 Nov, 14:39:35,
   38, 18 Nov, 14:40:35,
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  39, 18 Nov, 14:41:35,
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  40, 18 Nov, 14:42:35,
                           0.036
                           0.038
  41, 18 Nov, 14:43:35,
  42, 18 Nov, 14:44:35,
                           0.038
  43, 18 Nov, 14:45:35,
                           0.041
  44, 18 Nov, 14:46:35,
                           0.039
  45, 18 Nov, 14:47:35,
                           0.040
  46, 18 Nov, 14:48:35,
                           0.047
  47, 18 Nov, 14:49:35,
48, 18 Nov, 14:50:35,
                           0.042
                           0.049
  49, 18 Nov, 14:51:35,
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  50, 18 Nov, 14:52:35,
                           0.057
  51, 18 Nov, 14:53:35,
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  52, 18 Nov, 14:54:35,
                           0.043
                           0.041
  53, 18 Nov, 14:55:35,
  54, 18 Nov, 14:56:35,
                           0.037
                           0.040
  55, 18 Nov, 14:57:35,
  56, 18 Nov, 14:58:35,
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                          0.045
  57, 18 Nov, 14:59:35,
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58, 18 Nov, 15:00:35,
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 59, 18 Nov, 15:01:35,
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 60, 18 Nov, 15:02:35,
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 61, 18 Nov, 15:03:35,
                          0.038
 62, 18 Nov, 15:04:35,
                          0.047
                          0.037
 63, 18 Nov, 15:05:35,
 64, 18 Nov, 15:06:35,
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 65, 18 Nov, 15:07:35,
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 66, 18 Nov, 15:08:35,
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                          0.036
 67, 18 Nov, 15:09:35,
 68, 18 Nov, 15:10:35,
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 69, 18 Nov, 15:11:35,
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 70, 18 Nov, 15:12:35,
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 71, 18 Nov, 15:13:35,
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 72, 18 Nov, 15:14:35,
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 73, 18 Nov, 15:15:35,
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 74, 18 Nov, 15:16:35,
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 75, 18 Nov, 15:17:35,
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 76, 18 Nov, 15:18:35,
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 77, 18 Nov, 15:19:35,
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 78, 18 Nov, 15:20:35,
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 79, 18 Nov, 15:21:35,
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 80, 18 Nov, 15:22:35,
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 81, 18 Nov, 15:23:35,
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 82, 18 Nov, 15:24:35,
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 84, 18 Nov, 15:26:35,
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 85, 18 Nov, 15:27:35,
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 86, 18 Nov, 15:28:35,
87, 18 Nov, 15:29:35,
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 88, 18 Nov, 15:30:35,
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 89, 18 Nov, 15:31:35,
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 91, 18 Nov, 15:33:35,
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 92, 18 Nov, 15:34:35,
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 93, 18 Nov, 15:35:35,
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 94, 18 Nov, 15:36:35,
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 95, 18 Nov, 15:37:35,
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103, 18 Nov, 15:45:35,
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104, 18 Nov, 15:46:35,
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105, 18 Nov, 15:47:35,
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107, 18 Nov, 15:49:35,
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113, 18 Nov, 15:55:35,
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116, 18 Nov, 15:58:35,
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117, 18 Nov, 15:59:35,
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118, 18 Nov, 16:00:35,
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119, 18 Nov, 16:01:35,
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120, 18 Nov, 16:02:35,
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121, 18 Nov, 16:03:35,
122, 18 Nov, 16:04:35,
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                         0.038
123, 18 Nov, 16:05:35,
124, 18 Nov, 16:06:35,
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125, 18 Nov, 16:07:35,
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127, 18 Nov, 16:09:35,
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128, 18 Nov, 16:10:35,
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130, 18 Nov, 16:12:35,
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131, 18 Nov, 16:13:35,
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133, 18 Nov, 16:15:35,
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134, 18 Nov, 16:16:35,
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136, 18 Nov, 16:18:35,
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149, 18 Nov, 16:31:35,
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151, 18 Nov, 16:33:35,
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152, 18 Nov, 16:34:35,
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153, 18 Nov, 16:35:35,
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154, 18 Nov, 16:36:35,
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155, 18 Nov, 16:37:35,
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156, 18 Nov, 16:38:35,
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156, 18 Nov, 16:38:35, 157, 18 Nov, 16:39:35, 158, 18 Nov, 16:40:35, 159, 18 Nov, 16:41:35, 160, 18 Nov, 16:42:35, 161, 18 Nov, 16:43:35, 162, 18 Nov, 16:44:35, 163, 18 Nov, 16:45:35,
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                              0.030
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                              0.024
                              0.025
                              0.027
                              0.032
```

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უDR-1000
rag Number: 12
Tumber of logged points: 213
Start time and date: 08:15:55 19-Nov
llapsed time: 03:33:00
Logging period (sec): 60
Jalibration Factor (%): 100
'Max Display Concentration: 0.091 mg/m<sup>3</sup>
fime at maximum: 09:48:08 Nov 19
fax STEL Concentration: 0.000 mg/m³
Time at max STEL: 08:15:55 Nov 19
Jverall Avg Conc: 0.000 mg/m³
Togged Data:
                           Avg. (mg/m^3)
Point, Date , Time
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    8, 19 Nov, 08:23:55,
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    9, 19 Nov, 08:24:55,
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   16, 19 Nov, 08:31:55,
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   17, 19 Nov, 08:32:55,
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   19, 19 Nov, 08:34:55,
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   22, 19 Nov, 08:37:55,
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   27, 19 Nov, 08:42:55,
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   36, 19 Nov, 08:51:55,
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   37, 19 Nov, 08:52:55,
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   39, 19 Nov, 08:54:55,
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   40, 19 Nov, 08:55:55,
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   41, 19 Nov, 08:56:55,
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   44, 19 Nov, 08:59:55,
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   45, 19 Nov, 09:00:55,
   46, 19 Nov, 09:01:55,
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   47, 19 Nov, 09:02:55,
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   48, 19 Nov, 09:03:55,
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   49, 19 Nov, 09:04:55,
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   50, 19 Nov, 09:05:55,
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   51, 19 Nov, 09:06:55,
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   53, 19 Nov, 09:08:55,
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   54, 19 Nov, 09:09:55,
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   56, 19 Nov, 09:11:55,
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   57, 19 Nov, 09:12:55,
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19 Nov, 10:23:55,
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00000
                           1221
        19 Nov, 10:22:55,
00000
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                           1551
        '99:07:01 'AON 61
0000.0
                           124,
0000.0
        '99:61:01 'AON 61
        'SS:81:01 'AON 61 'EZI
0.000
000.0
        122, 19 Nov, 10:17:55,
        'SS:91:01 'AON 61 'IZI
000.0
        120, 19 Nov, 10:15:55,
000.0
0000.0
        '59: #I:01 'AON 61 '6II
        'SS:EI:01 'AON 61 '8II
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