Weston Solutions, Inc.
Suite 500
750 East Bunker Court
Vernon Hills, IL 60061-1865
847-918-4000 • Fax 847-918-4055
www.westonsolutions.com

30 September 2009

Mr. Bruce Everetts
Office of Site Evaluation
Illinois Environmental Protection Agency
Mail Code #24
1021 N. Grand Avenue East
Springfield, IL 62794-9276

Re: Well Installation and Sampling Report
Abandoned Crestwood Well #1
LPC# 0310605500
Village of Crestwood, Cook County, Illinois
HWA-8317, Work Order No. 2

Dear Mr. Everetts:

Weston Solutions, Inc., (WESTON®) is pleased to submit the information provided in this letter to the Illinois Environmental Protection Agency (IEPA) which summarizes drilling and sampling activities completed in the Village of Crestwood, Cook County, Illinois, and presents the analytical results. WESTON prepared this summary based on work completed on 14, 15, and 17 September, 2009. Work was conducted in accordance with the IEPA-approved scope of work documented in a letter dated 10 July 2009 from WESTON to IEPA.

Drilling and Monitoring Well Installation

Drilling was initiated on 14 September, 2009 at the Crestwood, Illinois site. IEPA, WESTON, and Earth Solutions Inc. personnel were on-site to provide oversight, monitoring, and drilling expertise. One bedrock well was completed to a depth of 49 feet (ft) below ground surface (bgs). The location of MW-01 is presented on Figure 1.

Drilling began with the use of 6 ¼ inch, inner diameter hollow stem augers (HSA), with continuous split spoon sampling conducted to allow for geologic description of soils and collection of head space data. Bedrock was encountered at 34 ft bgs. Bedrock was cored with a NX core barrel rotary diamond cutting head. A total of two core samples were recovered from the boring, from 35 ft to 43 ft bgs, and from 43 ft to 53 ft bgs. A boring and well installation log is presented as Attachment A.

The monitoring well was installed to a depth of 49 ft bgs. Sand pack was placed from the bottom of the cored hole and surrounding the well screen to a depth of 37 ft bgs, 2 ft above the top of the screen. A bentonite seal was placed from 37 ft to 35 ft bgs. From 35 ft up to within 2 ft of ground surface, a bentonite grout was pumped through a tremie pipe to the fill the annular space around the well riser. The remaining 2 ft was completed with cement and a locking flush-mount style protective cover.

Monitoring Well Development

Activities conducted on 15 September, 2009 included the development of the monitoring well designated MW-01 at the Crestwood, Illinois site. The development of MW-01 was completed to free the well of any drilling fluids and fine particulate matter resulting from the drilling process. The development process included intermittent the pumping of a total of about 515 gallons of water, surging of the well, and collection of water quality parameter readings. Purging of water was conducted with a small submersible pump, with a pumping rate of between 2 and 2.5 gallons per minute. During development activities, the purge pump was periodically surged, up and down, to agitate the particulate matter that had collected during and after drilling operations. Throughout the development process, water quality data was collected using an Oakton Water Quality Meter and Hannah Turbidimeter. Development was considered complete when three consecutive readings, within 10% of each other were recorded for specific conductance, pH, temperature, and turbidity, indicating stabilization of groundwater parameters. Water clarity of 0.95 NTU was achieved at MW-01.

Due to the large diameter of pump hose, depth to water (DTW) data was only recorded prior to initial pump start up and immediately following pump removal. The initial DTW at MW-01 was recorded at 13.03 ft bgs. Following pump removal the DTW was 13.18 ft bgs and one half of an hour after pump removal the DTW was 13.09 ft bgs.

Groundwater Sampling

Groundwater sampling occurred on 17 September, 2009. A bladder pump was lowered to the midpoint of the screened interval. The well was pumped until three consecutive water quality readings, all within 10%, were gathered, indicative of groundwater parameter stabilization. Immediately following stabilization, the well was sampled for volatile organic compounds (VOCs). A sample and sample duplicate were placed in an ice cooler and shipped via overnight courier to the IEPA Organic Laboratory in Springfield, IL.

Evaluation of analytical results from the groundwater sample and its duplicate sample collected at the site indicate the presence of VOCs. Vinyl chloride, trans-1,2-dichloroethene, and cis-1,2-dichloroethene were detected in the sample and its duplicate. Vinyl chloride was detected at a level exceeding the TACO Tier 1 Remediation Objective for Class I groundwater. The results of groundwater sampling at MW-01 are presented in Table 1 and the complete analytical package is included as Attachment B.

Investigative Derived Waste Sampling

The solid investigation derived waste (IDW) was also sampled as part of the scope of work. A single composite soil sample was collected from the IDW and sent to STAT Analysis Corporation of Chicago, Illinois (STAT) for toxicity characteristic leaching procedure (TCLP) VOC analysis. Evaluation of the analytical results from the IDW sample did not indicate the presence of leachable VOCs. The full analytical data package from STAT is included in Attachment B.

WESTON is pleased to have assisted IEPA with this high profile project. If you have any questions or require additional information, please call the undersigned at (847) 918-4000.

Very truly yours,

WESTON SOLUTIONS, INC.

Andris J. Slesers
Project Manager

S. Babusukumar, P.G.
Program Manager

SB\tg

Attachments

Table 1
Comparison of Detected Constituents to Applicable TACO Screening Levels
Groundwater Analytical Results
Illinois Environmental Protection Agency
Village of Crestwood
Crestwood, Cook County, Illinois

Field Sample ID	MW-01	MW-01 Dp	Groundwater Remediation Objectives for Class 1 Groundwater
Sample Date	5/11/2009	5/11/2009	
Location ID	MW-01	MW-01 Dp	
Parameter			
VOCs (ug/l)			
Vinyl Chloride	52.6	58.7	7
1,1-Dichloroethene	ND	ND	---
Methylene chloride	ND	ND	5
trans-1,2-Dichloroethene	0.51	0.62	100
Methyl tert-butyl ether	ND	ND	70
cis-1,2-Dichloroethene	12.7	15.4	70
1.2-Dichloroethane	ND	ND	---
1,1,1-Trichloroethane	ND	ND	200
Carbon tetrachloride	ND	ND	5
Benzene	ND	ND	5
1,2-Dichloropropane	ND	ND	5
Trichloroethene	ND	ND	5
1,1,2-Trichloroethane	ND	ND	5
Toluene	ND	ND	1000
Tetrachloroethene	ND	ND	5
Chlorobenzene	ND	ND	100
Ethylbenzene	ND	ND	700
Styrene	ND	ND	100
1,4-Dichlorobenzene	ND	ND	75
1,2-Dichlorobenzene	ND	ND	600
1,2,4-Trichlorobenzene	ND	ND	70
Xylenes, Total	ND	ND	10000

Notes:

--- - not applicable or value not available.

ND - Constituent not detected above the reporting limit.

Shaded values indicate concentration **exceeds** Groundwater Remediation Objective for Class I groundwater.

Legend

Monitoring Well Location

0 150 Feet

N

Prepared For:
Illinois Environmental Protection Agency
1021 N Grand Avenue East
Springfield, IL 62794-9276

Prepared By:
WESTON SOLUTIONS
750 East Bunker Court
Suite 500
Vernon Hills, Illinois 60061

Figure 1
Monitoring Well Location Map
Crestwood Site
Crestwood, Cook County, Illinois

File: D:\IEPA_Crestwood\mxd\MW.mxd, 29-Sep-09 13:04, wojdakon

ATTACHMENT A

BORING AND WELL INSTALLATION LOG

MW-01

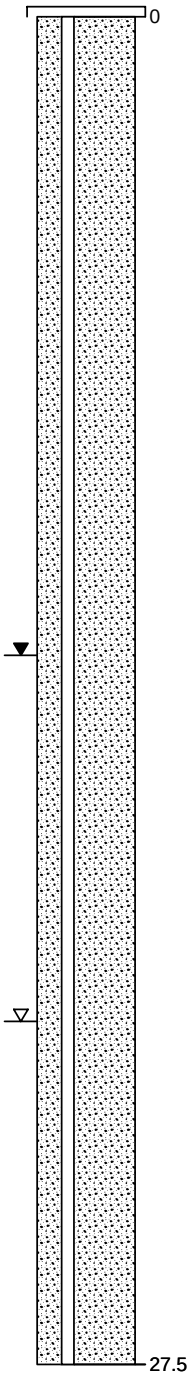
IEPA
Monitoring Well Installation
Crestwood,Cook County, Illinois

Date	: 14 September 2009	Latitude	: 41.660090962
Sampling Method	: 2' Continuous Split Spoon	Longitude	: -87.753620102
Drilling Co./ Driller	: Earth Solutions Inc/Juan Luna	Coordinate System	: Lat/Long, WGS 1984
Weston Geologist	: Tim Walls	Location	: Crestwood, IL
Total Depth	: 16.2 m (53.0 ft) bgs		

▼ Piezometric Surface
▽ Saturated Soil Level

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	Recovery (in/in)	Head Space (PID Meter Units)	COMMENTS
0	FL		FILL - Topsoil, gray, stiff, dry, some silt, trace fine-grained sand, low plasticity, trace rootlets.	24/24	0.3	
2	CL		SILTY CLAY - Dark gray, hard, dry, some silt, trace fine-grained sand-sized limestone particles, low plasticity, red mottling.	24/24	0.5	
4			As Above - low-to-medium plasticity.	20/24	0.4	
6	CL		SILTY CLAY - light gray, slightly stiff, slightly moist, some silt, medium plasticity, red mottling.	24/24	0.4	
8			└As Above - 0.2 m (0.5 in) coarse-grained sand seam.	24/24	0.1	
10			As Above - 0.9 m (3.0 in) clayey sand, fine-grained sand seam.	24/24	0.2	
12	CL		SILTY CLAY - gray, soft, slightly moist, some silt, medium plasticity, 0.3 m (1 in) clay seam at 3.5 m (11.5 ft).	13/24	0.2	
	GC		CLAYEY SAND and GRAVEL - brown, slightly stiff, moist, some clay, some fine-grained sand, medium-to-coarse gravel-sized dolostone.			
14	SC		CLAYEY SAND - light brown, slightly stiff, very moist, fine-grained sand, trace fine-grained gravel, low plasticity.	15/24	0.3	
16	SC		CLAYEY SAND - light gray, stiff, slightly moist, some clay, fine-grained sand, low plasticity.	16/24	0.2	
18	SC		SILTY SANDY CLAY - gray, stiff, moist, some silt, some fine-grained sand, trace medium-grained gavel, low plasticity.	17/24	0.1	
	GC		CLAYEY GRAVEL - gray, loose, moist, some clay, some silt, medium-grained to coarse-grained limestone gravel.			
20			CLAYEY GRAVEL - gray, loose, wet at 6.2 m (20.5 ft), some clay, some silt, medium-grained to coarse-grained dolostone gravel.	12/24	Wet	
22	GC		As Above - low recovery.	1/24	---	
24			As Above - low recovery.	2/24	---	
26	SC		SANDY CLAY - gray, stiff, very moist to wet, some fine-grained sand, trace fine-grained gravel, low plasticity.	16/24	---	

Monitoring Well MW-01



MW-01

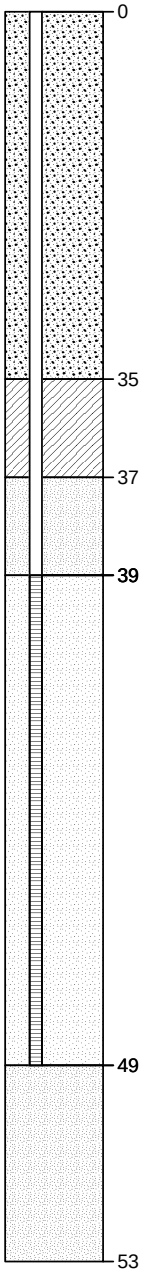
IEPA
Monitoring Well Installation
Crestwood,Cook County, Illinois

Date	: 14 September 2009	Latitude	: 41.660090962
Sampling Method	: 2' Continuous Split Spoon	Longitude	: -87.753620102
Drilling Co./ Driller	: Earth Solutions Inc/Juan Luna	Coordinate System	: Lat/Long, WGS 1984
Weston Geologist	: Tim Walls	Location	: Crestwood, IL
Total Depth	: 16.2 m (53.0 ft) bgs		

▼ Piezometric Surface
▽ Saturated Soil Level

Depth in Feet	USCS	GRAPHIC	DESCRIPTION	Recovery (in/in)	Head Space (PID Meter Units)	COMMENTS
27.5	SC		As Above - angular fragments of medium-grained gravel-sized limestone.	9/24	---	
29.5				12/24	---	
31.5	SC		CLAYEY SAND and GRAVEL - gray, stiff, very moist to wet, some clay, medium-grained sand, coarse-grained dolostone gravel.	3/24	---	Rough drilling from 32 ft to 33 ft. Possible cobble. Drilled to 33 ft. Collected split spoon from 33 ft to 34 ft where competent bedrock was encountered.
33.5						
35.5	DO		DOLOMITE - light gray,strongly cemented, trace fossils, multiple fracture sets 0.2 to 0.3 m (0.5 to 1 ft) thick at various depths.			
37.5				96/96	---	
39.5						
41.5			As Above			
43.5						
45.5			As Above - 0.1 m (3 in) fracture set.			
47.5			As Above - 0.3 m (1 ft) fracture set.	120/120	---	
49.5						
51.5			As Above - 0.3 m (1 ft) fracture set.			
53.5			End of Boring at 16.2 m (53 ft) bgs.			

Monitoring Well MW-01



ATTACHMENT B

ANALYTICAL DATA

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**ABANDONED CRESTWOOD WELL #1**		
Project/Facility Number:	031060550	Date Received :	09/18/09
Funding Code:	LP52-3B0	Visit Number:	
Trip ID:		Temperature C:	6.00
Client Sample ID:	**MW-01 VOC**	Lab Sample ID:	**S914789-01**
Matrix:	Water	Collected By: TIM WALLS	Date/Time Collected: 09/17/09 9:55
Sample Type:		Sample Depth: 0 Feet	Total Depth: Feet

Volatile Organic Compounds by GC/MS

Method:	524.2	Analyzed:	09/21/09
Units:	ug/L		

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Vinyl chloride	**52.6**		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	**0.51**		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	**12.7**		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

Reported:
09/28/09 07:34

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**ABANDONED CRESTWOOD WELL #1**		
Project/Facility Number:	031060550	Date Received :	09/18/09
Funding Code:	LP52-3B0	Visit Number:	
Trip ID:		Temperature C:	6.00
Client Sample ID:	**MW-01 DP VOC**	Lab Sample ID:	**S914789-02**
Matrix:	Water	Collected By: TIM WALLS	Date/Time Collected: 09/17/09 9:55
Sample Type:		Sample Depth: 0 Feet	Total Depth: Feet

Volatile Organic Compounds by GC/MS

Method:	524.2	Analyzed:	09/21/09
Units:	ug/L		

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Vinyl chloride	**58.7**		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	**0.62**		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	**15.4**		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

Reported:
09/28/09 07:34

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**ABANDONED CRESTWOOD WELL #1**		
Project/Facility Number:	031060550	Date Received :	09/18/09
Funding Code:	LP52-3B0	Visit Number:	
Trip ID:		Temperature C:	6.00
Client Sample ID:	**VOC TRIP BLANKS**	Lab Sample ID:	**S914789-03**
Matrix:	Water	Collected By:	Date/Time Collected: 09/17/09 0:00
Sample Type:		Sample Depth: 0 Feet	Total Depth: Feet

Volatile Organic Compounds by GC/MS

Method:	524.2	Analyzed:	09/21/09
Units:	ug/L		

Analyte	Result	Qualifier	Reporting Limit	Regulatory Level
Vinyl chloride	ND		0.50	2
1,1-Dichloroethene	ND		0.50	7
Methylene chloride	ND		0.50	5
trans-1,2-Dichloroethene	ND		0.50	100
Methyl tert-butyl ether	ND		0.50	
cis-1,2-Dichloroethene	ND		0.50	70
1,2-Dichloroethane	ND		0.50	5
1,1,1-Trichloroethane	ND		0.50	200
Carbon tetrachloride	ND		0.50	5
Benzene	ND		0.50	5
1,2-Dichloropropane	ND		0.50	5
Trichloroethene	ND		0.50	5
1,1,2-Trichloroethane	ND		0.50	5
Toluene	ND		0.50	1000
Tetrachloroethene	ND		0.50	5
Chlorobenzene	ND		0.50	100
Ethylbenzene	ND		0.50	700
Styrene	ND		0.50	100
1,4-Dichlorobenzene	ND		0.50	75
1,2-Dichlorobenzene	ND		0.50	600
1,2,4-Trichlorobenzene	ND		0.50	70
Xylenes, total	ND		0.50	10000

Reported:
09/28/09 07:34

Illinois Environmental Protection Agency Laboratory

825 N. Rutledge Springfield, Illinois 62702 217.782.9780

LABORATORY RESULTS

Name:	**ABANDONED CRESTWOOD WELL #1**		
Project/Facility Number:	031060550	Date Received :	09/18/09
Funding Code:	LP52-3B0	Visit Number:	
Trip ID:		Temperature C:	6.00

Notes and Definitions

ND	Analyte NOT DETECTED at or above the reporting limit
NR	Not Reported
*	Non-NELAP accredited

Report Authorized by:

Sally Geyston
Sample Prep Unit Supervisor

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety. Test results meet all requirements of NELAC (accredited by Florida DOH #E37645).

Reported:
09/28/09 07:34

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001;AIHA 101160; NVLAP LabCode 101202-0

September 21, 2009

Weston Solutions
750 E. Bunker Court
Suite 500
Vernon Hills, IL 60061
Telephone: (847) 918-4000
Fax: (847) 918-4055

RE: Crestwood, IL

STAT Project No: 09090456

Dear Andris Slesers:

STAT Analysis received 1 sample for the referenced project on 9/17/2009 11:52:00 AM. The analytical results are presented in the following report.

All analyses were performed in accordance with the requirements of 35 IAC Part 186 / NELAC standards. Analyses were performed in accordance with methods as referenced on the analytical report. Those analytical results expressed on a dry weight basis are also noted on the analytical report.

All analyses were performed within established holding time criteria, and all Quality Control criteria met EPA or laboratory specifications except when noted in the Case Narrative or Analytical Report. If required, an estimate of uncertainty for the analyses can be provided. A listing of accredited methods/parameters can also be provided.

Thank you for the opportunity to serve you and I look forward to working with you in the future. If you have any questions regarding the enclosed materials, please contact me at (312) 733-0551.

Sincerely,

Catia Giannini
Project Manager

Client: Weston Solutions
Project: Crestwood, IL
Lab Order: 09090456

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Tag Number	Collection Date	Date Received
09090456-001A	Crestwood MW-01		9/17/2009 10:30:00 AM	9/17/2009

STAT Analysis Corporation
2242 West Harrison St., Suite 200, Chicago, IL 60612-3766
Tel: (312) 733-0551 Fax: (312) 733-2386 STATinfo@STATAnalysis.com
Accreditation Numbers: IEPA ELAP 100445; ORELAP IL300001; AIHA 101160; NVLAP LabCode 101202-0

Report Date: September 21, 2009
Print Date: September 21, 2009

Client:	Weston Solutions	**Client Sample ID:**	Crestwood MW-01
Lab Order:	09090456	**Tag Number:**	
Project:	Crestwood, IL	**Collection Date:**	9/17/2009 10:30:00 AM
Lab ID:	09090456-001A	**Matrix:**	Soil

Analyses	Result	RL	Qualifier	Units	DF	Date Analyzed
TCLP Volatile Organic Compounds by GC/MS	**SW1311/8260B (SW5030B)**		Prep Date: **9/17/2009**		Analyst: **EJH**	
Benzene	ND	0.05		mg/L	10	9/19/2009
2-Butanone	ND	0.2		mg/L	10	9/19/2009
Carbon tetrachloride	ND	0.05		mg/L	10	9/19/2009
Chlorobenzene	ND	0.05		mg/L	10	9/19/2009
Chloroform	ND	0.05		mg/L	10	9/19/2009
1,2-Dichloroethane	ND	0.05		mg/L	10	9/19/2009
1,1-Dichloroethene	ND	0.05		mg/L	10	9/19/2009
Tetrachloroethene	ND	0.05		mg/L	10	9/19/2009
Trichloroethene	ND	0.05		mg/L	10	9/19/2009
Vinyl chloride	ND	0.05		mg/L	10	9/19/2009

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
HT - Sample received past holding time
* - Non-accredited parameter
RL - Reporting / Quantitation Limit for the analysis
S - Spike Recovery outside accepted recovery limits
R - RPD outside accepted recovery limits
E - Value above quantitation range
H - Holding time exceeded

STAT Analysis Corporation
2242 W. Harrison, Suite 200, Chicago, Illinois 60612 Phone: (312) 733-0551 Fax: (312) 733-2386
e-mail address: STATinfo@STATAnalysis.com AIHA, NVLAP and NELAP accredited

CHAIN OF CUSTODY RECORD

Nº: 828923 Page : ____ of ____

Company: Weston Solutions
Project Number: Client Tracking No.:
Project Name: Westwood - II
Project Location: Ashland
Sampler(s): T Wells
Report To: Andris Slesers Phone: 847-718-4000
Fax: 847-718-4055
QC Level: 1 ____ 2 ____ 3 ____ 4 ____ e-mail:

P.O. No.:
Quote No.:

Turn Around: Ra Quote
Results Needed: / / am/pm

Client Sample Number/Description:	Date Taken	Time Taken	Matrix	Comp.	Grab	Preserv.	No. of Containers	TCLP VOC	Remarks	Lab No.:
~~Hand Auger~~ SC Westwood New 01	9-17-09	1032	Soil		X	-	1	X		001

Relinquished by: (Signature) Thomas Cooke Date/Time: 9-17-09 / 1452
Received by: (Signature) Date/Time: 9/17/09 1452
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:
Relinquished by: (Signature) Date/Time:
Received by: (Signature) Date/Time:

Comments:

Preservation Code: A = None B = HNO_3 C = NaOH
D = H_2SO_4 E = HCl F = 5035/EnCore G = Other

Laboratory Work Order No.: 09090456
Received on Ice: Yes [X] No [ ]
Temperature: 4.4 °C

STAT Analysis Corporation

Sample Receipt Checklist

Client Name WESTON VERNON HILLS

Date and Time Received: 9/17/2009 11:52:00 AM

Work Order Number 09090456

Received by: CDF

Checklist completed by: Signature 9/17/09 Date

Reviewed by: MAK Initials 9/17/09 Date

Matrix: Carrier name: Client Delivered

Shipping container/cooler in good condition?	Yes ☑	No ☐	Not Present ☐
Custody seals intact on shippping container/cooler?	Yes ☐	No ☐	Not Present ☑
Custody seals intact on sample bottles?	Yes ☐	No ☐	Not Present ☑
Chain of custody present?	Yes ☑	No ☐	
Chain of custody signed when relinquished and received?	Yes ☑	No ☐	
Chain of custody agrees with sample labels/containers?	Yes ☑	No ☐	
Samples in proper container/bottle?	Yes ☑	No ☐	
Sample containers intact?	Yes ☑	No ☐	
Sufficient sample volume for indicated test?	Yes ☑	No ☐	
All samples received within holding time?	Yes ☑	No ☐	
Container or Temp Blank temperature in compliance?	Yes ☑	No ☐	Temperature 4.4 °C
Water - VOA vials have zero headspace?	No VOA vials submitted ☐	Yes ☐	No ☐
Water - Samples pH checked?	Yes ☐	No ☐	Checked by:
Water - Samples properly preserved?	Yes ☐	No ☐	pH Adjusted?

Any No response must be detailed in the comments section below.

Comments:

Client / Person contacted: Date contacted: Contacted by:

Response: