Illinois Department of Transportation
2300 South Dirksen Parkway / Springfield, Illinois / 62764

January 8, 2014

SUBJECT: FAP Route 339 (IL 62)
Project ACHSIP-0339(031)
Section 116-RS-5
Cook County
Contract No. 60W05
Item No. 010, January 17, 2014 Letting
Addendum A

NOTICE TO PROSPECTIVE BIDDERS:

Attached is an addendum to the plans or proposal. This addendum involves revised and/or added material.

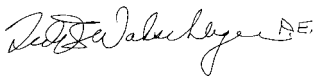
1. Replaced the Schedule of Prices
2. Revised the Table of Contents to the Special Provisions
3. Revised pages 119-122 of the Special Provisions
4. Added pages 136-162 to the Special Provisions
5. Revised sheets 2, 7, & 11 of the Plans

Prime contractors must utilize the enclosed material when preparing their bid and must include any Schedule of Prices changes in their bidding proposal.

Bidders using computer-generated bids are cautioned to reflect any and all Schedule of Prices changes, if involved, into their computer programs.

Very truly yours,

John D. Baranzelli, P.E.
Acting Engineer of Design and Environment



By: Ted B. Walschleger, P. E.
Engineer of Project Management

cc: John Fortmann, Region 1, District 1; Tim Kell; Estimates

MS/kf

ILLINOIS DEPARTMENT OF TRANSPORTATION
SCHEDULE OF PRICES

CONTRACT NUMBER - 60W05

State Job # - C-91-158-13

Project Number	Route
ACHSIP-0339/031/	FAP 339

County Name - COOK- -
Code - 31 - -
District - 1 - -
Section Number - 116-RS-5

*REVISED: DECEMBER 30, 2013

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0324085	EM VEH P S LSC 20 3C	FOOT	1,109.000				
X5537800	SS CLEANED 12	FOOT	200.000				
X6030310	FR & LIDS ADJUST SPL	EACH	13.000				
X8210015	TEMP LUM HPSV 400	EACH	2.000				
X8250091	COMB LTG CONTROL	EACH	1.000				
X8570231	FAC T5 CAB SPL	EACH	1.000				
X8600105	MASTER CONTROLLER SPL	EACH	1.000				
X8620200	UNINTER POWER SUP SPL	EACH	1.000				
X8710024	FOCC62.5/125 MM12SM24	FOOT	4,644.000				
X8772115	TEMP MA A 15	EACH	2.000				
Z0004562	COMB C C&G REM & REPL	FOOT	228.000				
Z0018500	DRAINAGE STR CLEANED	EACH	15.000				
Z0030850	TEMP INFO SIGNING	SQ FT	51.400				
Z0033024	MAINT EX LTG SYS	L SUM	1.000				
Z0033040	ELEC SVC DSCNNCT L&TS	EACH	1.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
Z0033044	RE-OPTIMIZE SIG SYS 1	EACH	1.000				
Z0073510	TEMP TR SIGNAL TIMING	EACH	1.000				
20201200	REM & DISP UNS MATL	CU YD	79.000				
21101615	TOPSOIL F & P 4	SQ YD	381.000				
21301084	EXPLOR TRENCH 84	FOOT	20.000				
25000400	NITROGEN FERT NUTR	POUND	5.000				
25000500	PHOSPHORUS FERT NUTR	POUND	5.000				
25000600	POTASSIUM FERT NUTR	POUND	5.000				
25200110	SODDING SALT TOLERANT	SQ YD	381.000				
40600200	BIT MATLS PR CT	TON	15.000				
40600300	AGG PR CT	TON	71.000				
40600400	MIX CR JTS FLANGEWYS	TON	27.000				
40600827	P LB MM IL-4.75 N50	TON	732.000				
40600895	CONSTRUC TEST STRIP	EACH	1.000				
40601005	HMA REPL OVER PATCH	TON	78.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
40603595	P HMA SC "F" N90	TON	1,739.000				
42001300	PROTECTIVE COAT	SQ YD	500.000				
42400200	PC CONC SIDEWALK 5	SQ FT	1,054.000				
42400800	DETECTABLE WARNINGS	SQ FT	32.000				
44000100	PAVEMENT REM	SQ YD	171.000				
44000157	HMA SURF REM 2	SQ YD	17,741.000				
44000600	SIDEWALK REM	SQ FT	974.000				
44002208	HMA RM OV PATCH 2	SQ YD	690.000				
44003100	MEDIAN REMOVAL	SQ FT	680.000				
44201765	CL D PATCH T2 10	SQ YD	300.000				
44201769	CL D PATCH T3 10	SQ YD	100.000				
44201771	CL D PATCH T4 10	SQ YD	200.000				
60255500	MAN ADJUST	EACH	1.000				
60619600	CONC MED TSB6.12	SQ FT	680.000				
60620800	CONC MED TSB9.12	SQ FT	1,540.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
*ADD 66900200	NON SPL WASTE DISPOSL	CU YD	60.000				
*ADD 66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
*ADD 66900530	SOIL DISPOSAL ANALY	EACH	3.000				
67000400	ENGR FIELD OFFICE A	CAL MO	6.000				
67100100	MOBILIZATION	L SUM	1.000				
*ADD 67201100	SEAL ABAN MONIT WELLS	EACH	3.000				
70102625	TR CONT & PROT 701606	L SUM	1.000				
70102630	TR CONT & PROT 701601	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				
70102640	TR CONT & PROT 701801	L SUM	1.000				
70300100	SHORT TERM PAVT MKING	FOOT	4,623.000				
70300210	TEMP PVT MK LTR & SYM	SQ FT	692.000				
70300220	TEMP PVT MK LINE 4	FOOT	4,241.000				
70300240	TEMP PVT MK LINE 6	FOOT	3,011.000				
70300250	TEMP PVT MK LINE 8	FOOT	106.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
70300260	TEMP PVT MK LINE 12	FOOT	387.000				
70300280	TEMP PVT MK LINE 24	FOOT	175.000				
70301000	WORK ZONE PAVT MK REM	SQ FT	514.000				
72000100	SIGN PANEL T1	SQ FT	78.000				
72000200	SIGN PANEL T2	SQ FT	32.500				
78000100	THPL PVT MK LTR & SYM	SQ FT	692.000				
78000200	THPL PVT MK LINE 4	FOOT	4,241.000				
78000400	THPL PVT MK LINE 6	FOOT	3,011.000				
78000500	THPL PVT MK LINE 8	FOOT	106.000				
78000600	THPL PVT MK LINE 12	FOOT	387.000				
78000650	THPL PVT MK LINE 24	FOOT	175.000				
78100100	RAISED REFL PAVT MKR	EACH	228.000				
78300200	RAISED REF PVT MK REM	EACH	228.000				
81028200	UNDRGRD C GALVS 2	FOOT	2,313.000				
81028210	UNDRGRD C GALVS 2 1/2	FOOT	94.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
81028220	UNDRGRD C GALVS 3	FOOT	329.000				
81028240	UNDRGRD C GALVS 4	FOOT	715.000				
81400100	HANDHOLE	EACH	8.000				
81400200	HD HANDHOLE	EACH	4.000				
81400300	DBL HANDHOLE	EACH	2.000				
81603035	UD 2#6 #6G XLPUSE 1	FOOT	1,150.000				
81702417	EC C XLP 3-1C#6 1C#6G	FOOT	403.000				
81800200	A CBL 2-1C4 MESS WIRE	FOOT	708.000				
82102400	LUM SV HOR MT 400W	EACH	2.000				
85000200	MAIN EX TR SIG INSTAL	EACH	3.000				
86400100	TRANSCEIVER - FIB OPT	EACH	1.000				
87300925	ELCBL C TRACER 14 1C	FOOT	4,566.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	750.000				
87301225	ELCBL C SIGNAL 14 3C	FOOT	2,004.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	3,180.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87301255	ELCBL C SIGNAL 14 7C	FOOT	2,015.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	3,953.000				
87301805	ELCBL C SERV 6 2C	FOOT	58.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	922.000				
87502440	TS POST GALVS 10	EACH	1.000				
87502500	TS POST GALVS 16	EACH	2.000				
87700220	S MAA & P 36	EACH	1.000				
87700340	S MAA & P 58	EACH	1.000				
87702900	STL COMB MAA&P 34	EACH	1.000				
87702910	STL COMB MAA&P 36	EACH	1.000				
87800100	CONC FDN TY A	FOOT	12.000				
87800150	CONC FDN TY C	FOOT	4.000				
87800415	CONC FDN TY E 36D	FOOT	33.000				
87800420	CONC FDN TY E 42D	FOOT	21.000				
87900200	DRILL EX HANDHOLE	EACH	4.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
88030020	SH LED 1F 3S MAM	EACH	8.000				
88030110	SH LED 1F 5S MAM	EACH	4.000				
88030240	SH LED 2F 1-3 1-5 BM	EACH	4.000				
88102717	PED SH LED 1F BM CDT	EACH	3.000				
88102757	PED SH LED 3F BM CDT	EACH	1.000				
88200210	TS BACKPLATE LOU ALUM	EACH	12.000				
88500100	INDUCTIVE LOOP DETECT	EACH	13.000				
88600100	DET LOOP T1	FOOT	1,017.000				
88800100	PED PUSH-BUTTON	EACH	5.000				
89000100	TEMP TR SIG INSTALL	EACH	1.000				
89501400	REL EM VEH PR SYS D U	EACH	4.000				
89501410	REL EM VEH PR SYS P U	EACH	1.000				
89502300	REM ELCBL FR CON	FOOT	6,119.000				
89502375	REMOV EX TS EQUIP	EACH	1.000				
89502380	REMOV EX HANDHOLE	EACH	11.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
89502382	REMOV EX DBL HANDHOLE	EACH	2.000				
89502385	REMOV EX CONC FDN	EACH	8.000				

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REMOVAL AND DISPOSAL OF REGULATED SUBSTANCES

Revise Article 669.01 of the Standard Specifications to read:

"669.01 Description. This work shall consist of the transportation and proper disposal of contaminated soil and water. This work shall also consist of the removal, transportation, and proper disposal of underground storage tanks (UST), their content and associated underground piping to the point where the piping is above the ground, including determining the content types and estimated quantities."

Revise Article 669.08 of the Standard Specifications to read:

"669.08 Contaminated Soil and/or Groundwater Monitoring. The Contractor shall hire a qualified environmental firm to monitor the area containing the regulated substances. The affected area shall be monitored with a photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID). Any field screen reading on the PID or FID in excess of background levels indicates the potential presence of contaminated material requiring handling as a non-special waste, special waste, or hazardous waste. No excavated soils can be taken to a clean construction and demolition debris (CCDD) facility or an uncontaminated soil fill operation with detectable PID or FID meter readings that are above background. The PID or FID meter shall be calibrated on-site and background level readings taken and recorded daily. All testing shall be done by a qualified engineer/technician. Such testing and monitoring shall be included in the work. The Contractor shall identify the exact limits of removal of non-special waste, special waste, or hazardous waste. All limits shall be approved by the Engineer prior to excavation. The Contractor shall take all necessary precautions.

Based upon the land use history of the subject property and/or PID or FID readings indicating contamination, a soil or groundwater sample shall be taken from the same location and submitted to an approved laboratory. Soil or groundwater samples shall be analyzed for the contaminants of concern, including pH, based on the property's land use history or the parameters listed in the maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605. The analytical results shall serve to document the level of soil contamination. Soil and groundwater samples may be required at the discretion of the Engineer to verify the level of soil and groundwater contamination.

Samples shall be grab samples (not combined with other locations). The samples shall be taken with decontaminated or disposable instruments. The samples shall be placed in sealed containers and transported in an insulated container to the laboratory. The container shall maintain a temperature of 39 °F (4 °C). All samples shall be clearly labeled. The labels shall indicate the sample number, date sampled, location and elevation, and any other observations.

The laboratory shall use analytical methods which are able to meet the lowest appropriate practical quantitation limits (PQL) or estimated quantitation limit (EQL) specified in "Test Methods for Evaluating Solid Wastes, Physical/Chemical Methods", EPA Publication No. SW-846 and "Methods for the Determination of Organic Compounds in Drinking Water", EPA, EMSL, EPA-600/4-88/039. For parameters where the specified cleanup objective is below the acceptable detection limit (ADL), the ADL shall serve as the cleanup objective. For other parameters the ADL shall be equal to or below the specified cleanup objective."

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Replace the first two paragraphs of Article 669.09 of the Standard Specifications with the following:

"669.09 Contaminated Soil and/or Groundwater Management and Disposal. The management and disposal of contaminated soil and/or groundwater shall be according to the following:

(a) Soil Analytical Results Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels exceed the most stringent maximum allowable concentration (MAC) for chemical constituents in uncontaminated soil established pursuant to Subpart F of 35 Illinois Administrative Code 1100.605, the soil shall be managed as follows:

(1) When analytical results indicate inorganic chemical constituents exceed the most stringent MAC but they are still considered within area background levels by the Engineer, the excavated soil can be utilized within the construction limits as fill, when suitable. Such soil excavated for storm sewers can be placed back into the excavated trench as backfill, when suitable, unless trench backfill is specified. If the soils cannot be utilized within the construction limits, they shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.

(2) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for a Metropolitan Statistical Area (MSA) County, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(3) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, or the MAC within the Chicago corporate limits, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago or within the Chicago corporate limits provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(4) When analytical results indicate chemical constituents exceed the most stringent MAC but do not exceed the MAC for an MSA County excluding Chicago, the excavated soil can be utilized within the construction limits as fill, when suitable, or managed and disposed of off-site as "uncontaminated soil" at a CCDD facility or an uncontaminated soil fill operation within an MSA County excluding Chicago provided the pH of the soil is within the range of 6.25 - 9.0, inclusive.

(5) When the Engineer determines soil cannot be managed according to Articles 669.09(a)(1) through (a)(4) above, the soil shall be managed and disposed of off-site as a non-special waste, special waste, or hazardous waste as applicable.

(b) Soil Analytical Results Do Not Exceed Most Stringent MAC. When the soil analytical results indicate that detected levels do not exceed the most stringent MAC, the excavated soil can be utilized within the construction limits or managed and disposed of off-site as "uncontaminated soil" according to Article 202.03. However the excavated soil cannot be taken to a CCDD facility or an uncontaminated soil fill operation for the following reason.

(1) The pH of the soil is less than 6.25 or greater than 9.0.

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(2) The soil exhibited elevated photoionization detector (PID) utilizing a lamp of 10.6eV or greater or a flame ionization detector (FID) readings.

(c) Soil Analytical Results Exceed Most Stringent MAC but Do Not Exceed TACO Residential. When the soil analytical results indicate that detected levels exceed the most stringent MAC but do not exceed TACO Tier 1 Soil Remediation Objectives for Residential Properties pursuant to 35 IAC 742 Appendix B Table A, the excavated soil can be utilized within the right-of-way or managed and disposed of off-site as "uncontaminated soil" according to Article 202.03. However the excavated soil cannot be taken to a CCDD facility or an uncontaminated soil fill operation.

(d) Groundwater. When groundwater analytical results indicate the detected levels are above Appendix B, Table E of 35 Illinois Administrative Code 742, the most stringent Tier 1 Groundwater Remediation Objectives for Groundwater Component of the Groundwater Ingestion Route for Class 1 groundwater, the groundwater shall be managed off-site as a special waste.

All groundwater encountered within lateral trenches may be managed within the trench and allowed to infiltrate back into the ground. If the groundwater cannot be managed within the trench it must be removed as a special or hazardous waste. The Contractor is prohibited from managing groundwater within the trench by discharging it through any existing or new storm sewer. The Contractor shall install backfill plugs within the area of groundwater contamination.

One backfill plug shall be placed down gradient to the area of groundwater contamination. Backfill plugs shall be installed at intervals not to exceed 50 ft (15 m). Backfill plugs are to be 4 ft (1.2 m) long, measured parallel to the trench, full trench width and depth. Backfill plugs shall not have any fine aggregate bedding or backfill, but shall be entirely cohesive soil or any class of concrete. The Contractor shall provide test data that the material has a permeability of less than 10^{-7} cm/sec according to ASTM D 5084, Method A or per another test method approved by the Engineer."

Revise Article 669.14 of the Standard Specifications to read:

"669.14 Final Environmental Construction Report. At the end of the project, the Contractor will prepare and submit three copies of the Environmental Construction Report on the activities conducted during the life of the project, one copy shall be submitted to the Resident Engineer, one copy shall be submitted to the District's Environmental Studies Unit, and one copy shall be submitted with an electronic copy in Adode.pdf format to the Geologic and Waste Assessment Unit, Bureau of Design and Environment, IDOT, 2300 South Dirksen Parkway, Springfield, Illinois 62764. The technical report shall include all pertinent information regarding the project including, but not limited to:

(a) Measures taken to identify, monitor, handle, and dispose of soil or groundwater containing regulated substances, to prevent further migration of regulated substances, and to protect workers,

(b) Cost of identifying, monitoring, handling, and disposing of soil or groundwater containing regulated substances, the cost of preventing further migration of regulated substances, and the cost for worker protection from the regulated substances. All cost should be in the format of the contract pay items listed in the contract plans (identified by the preliminary environmental site assessment (PESA) site number),

(c) Plan sheets showing the areas containing the regulated substances,

(d) Field sampling and testing results used to identify the nature and extent of the regulated substances,

(e) Waste manifests (identified by the preliminary environmental site assessment (PESA) site number) for special or hazardous waste disposal, and

(f) Landfill tickets (identified by the preliminary environmental site assessment (PESA) site number) for non-special waste disposal."

Revise the second paragraph of Article 669.16 of the Standard Specifications to read:

"The transportation and disposal of soil and other materials from an excavation determined to be contaminated will be paid for at the contract unit price per cubic yard (cubic meter) for NON-SPECIAL WASTE DISPOSAL, SPECIAL WASTE DISPOSAL, or HAZARDOUS WASTE DISPOSAL."

Qualifications. The term environmental firm shall mean an environmental firm with at least five (5) documented leaking underground storage tank (LUST) cleanups or that is pre-qualified in hazardous waste by the Department. Documentation includes but not limited to verifying remediation and special waste operations for sites contaminated with gasoline, diesel, or waste oil in accordance with all Federal, State, or local regulatory requirements and shall be provided to the Engineer for approval. The environmental firm selected shall not be a former or current consultant or have any ties with any of the properties contained within and/or adjacent to this construction project.

General. This Special Provision will likely require the Contractor to subcontract for the execution of certain activities.

All contaminated materials shall be managed as either "uncontaminated soil" or non-special waste. This work shall include monitoring and potential sampling, analytical testing, and management of a material contaminated by regulated substances. The Environmental Firm shall continuously monitor all soil excavation for worker protection and soil contamination. **Phase I Preliminary Engineering information is available through the District's Environmental Studies Unit.** Soil samples or analysis without the approval of the Engineer will be at no additional cost to the Department. The lateral distance is measured from centerline and the farthest distance is the offset distance or construction limit whichever is less.

The Contractor shall manage any excavated soils and sediment within the following areas:

- Station 57+00 to Station 58+00 0 to 100 feet LT (Shell, PESA Site 2583-9, 2501 Meacham Road). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzene, Ethylbenzene, Naphthalene, Arsenic, Lead, and Manganese.
- Station 56+00 to Station 57+00 0 to 140 feet RT (Motorola Solutions, PESA Site 2583-3, 1301 Algonquin Road). This material meets the criteria of Article 669.09(a)(5) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Benzene, Lead, and Manganese.
- Station 56+00 to Station 57+00 0 to 100 feet LT (International Village Apartment Building, PESA Site 2583-1, 1300-1326 Algonquin Road). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Manganese.
- Station 57+00 to Station 60+00 0 to 150 feet RT (Cook County Highway Department Maintenance Facility, PESA Site 2583-5, 2325 North Meacham Road). This material meets the criteria of Article 669.09(a)(1) and shall be managed in accordance to Article 669.09. Contaminants of concern sampling parameters: Lead and Manganese.

Revised 1/8/14

MONITORING WELL ABANDONMENT SPECIAL PROVISION

The Contractor shall hire a licensed water well driller pursuant to the Water Well and Pump Installation Contractor's License Act. All monitoring wells removed shall be abandoned in accordance with the Illinois Water Well Construction Code 77 Illinois Administrative Code Part 920. The Department has determined that three monitoring well will be impacted by construction activities.

Method of Measurement. Monitoring well abandonment will be measured for payment assuming each monitoring well is a 2 inch diameter well installed at a maximum depth of 25 feet.

Basis of Payment. Monitoring well abandonment will be paid for at the contract unit price each for MONITORING WELL ABANDONMENT.

Added 1/8/14

IEPA FORM 663

Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Uncontaminated Soil Certification by Licensed Professional Engineer or Licensed Professional Geologist for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation LPC-663

Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: FAP 339 (IL 62) Office Phone Number, if available: _____

Physical Site Location (address, including number and street):
1300-1326 Algonquin Road

City: Schaumburg State: IL Zip Code: 60196

County: Cook Township: 42N

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.06923 (Decimal Degrees) Longitude: -88.04411 (-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☒ Map Interpolation ☐ Photo Interpolation ☐ Survey ☐ Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner		Site Operator	
Name:	Illinois Department of Transportation	Name:	Illinois Department of Transportation
Street Address:	201 West Center Court	Street Address:	201 West Center Court
PO Box:		PO Box:	
City:	Schaumburg State: Il	City:	Schaumburg State: IL
Zip Code:	60196-1096 Phone:	Zip Code:	60196-1096 Phone:
Contact:	Sam Mead	Contact:	Sam Mead
Email, if available:	Sam.Mead@illinois.gov	Email, if available:	Sam.Mead@illinois.gov

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed $50,000 for the violation and an additional civil penalty of not to exceed $10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

IL 532-2922
LPC 663 Rev. 8/2012

Added 1/8/14

Project Name: FAP 339 (IL 62)

Latitude: 42.06923 Longitude: -88.04411

Uncontaminated Site Certification

III. Basis for Certification and Attachments

For each item listed below, reference the attachments to this form that provide the required information.

a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

Locations 2583-1-B02 was sampled adjacent to ISGS site No. 2583-1. See Figure 2 and Table 3 of the revised preliminary site investigation report for sampling details.

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0, including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201(g), 1100.205(a), 1100.610]:

TestAmerica analytical report - TestAmerica job ID: 500-61781-2

IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

I, Steven Gobelman, P.E., L.P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Company Name: Illinois Department of Transportation, Bureau of Design and Environment

Street Address: 2300 South Dirksen Parkway

City: Springfield State: IL Zip Code: 62764

Phone: (217)-785-7525

Steven Gobelman, P.E., L.P.G.
Printed Name:

Licensed Professional Engineer or Licensed Professional Geologist Signature:

12/13/13
Date:

STEVEN GOBELMAN
196-000598
LICENSED PROFESSIONAL GEOLOGIST
STATE OF ILLINOIS

P.E. or L.P.G. Seal

Added 1/8/14

THIS TABLE LISTS THE PARAMETERS ANALYZED IN SITE SOIL SAMPLES

Analytical Parameters

Volatile Organic Compounds (mg/kg)
1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
1,2-Dichloropropane
1,3-Dichloropropene
2-Butanone (MEK)
2-Hexanone (MBK)
4-Methyl-2-pentanone (MIBK)
Acetone
Benzene
Bromodichloromethane
Bromoform
Bromomethane
Carbon disulfide
Carbon Tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
cis-1,2-Dichloroethene
cis-1,3-Dichloropropene
Dibromochloromethane
Ethylbenzene
Methylene chloride
Methyl-tert-butyl-ether (MTBE)
Styrene
Tetrachloroethene
Toluene
trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
Trichloroethene
Vinyl Acetate
Vinyl Chloride
Xylenes, total
m-Xylene
o-Xylene
p-Xylene
Semivolatile Organic Compounds (mg/kg)
1,2,4-Trichlorobenzene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
2-Chloronaphthalene
2-Chlorophenol
2-Methylnaphthalene
2-Methylphenol
2-Nitroaniline
2-Nitrophenol
3,3'-Dichlorobenzidine
3-Nitroaniline
4,6-Dinitro-2-methylphenol
4-Bromophenyl phenyl ether
4-Chloro-3-methylphenol
4-Chloroaniline
4-Chlorophenyl phenyl ether
4-Methylphenol
4-Nitroaniline
4-Nitrophenol
Acenaphthene
Acenaphthylene
Anthracene
Benzo (a) anthracene
Benzo (a) pyrene

Added 1/8/14

THIS TABLE LISTS THE PARAMETERS ANALYZED IN SITE SOIL SAMPLES

Analytical Parameters

Semivolatile Organic Compounds (mg/kg) (cont.)
Benzo (b) fluoranthene
Benzo (g,h,i) perylene
Benzo (k) fluoranthene
Bis(2-chloroethoxy)methane
Bis(2-chloroethyl)ether
bis(2-chloroisopropyl)ether
Bis(2-ethylhexyl)phthalate
Butyl benzyl phthalate
Carbazole
Chrysene
Dibenzo (a,h) anthracene
Dibenzofuran
Diethyl phthalate
Dimethyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno (1,2,3-cd) pyrene
Isophorone
Naphthalene
Nitrobenzene
N-Nitrosodi-n-propylamine
N-Nitrosodiphenylamine
Pentachlorophenol
Phenanthrene
Phenol
Pyrene
Inorganic Compounds, Total (mg/kg)
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Mercury
Nickel
Potassium
Selenium
Silver
Sodium
Thallium
Vanadium
Zinc
TCLP/SPLP Inorganics (mg/L)
Antimony
Barium
Beryllium
Boron
Cadmium
Chromium
Cobalt
Iron
Lead
Manganese
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Added 1/8/14

The following table summarizes the results of laboratory analysis of site soil samples. In reading the table,

- Only parameters reported at concentrations above the most stringent MAC are listed.
- Samples with the notation **"No Contaminants of Concern Noted"** were below the most stringent MAC.

The laboratory report for site soils follows this summary table.

Added 1/8/14

ISGS Site 2583-1
Site International Village Apartment Buildings

Sample ID	2583-1-B02	[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[5] Metropolitan Statistical Area MAC	[6] Class I Soil TCLP/SPLP Comparisons Only
Sample Depth (ft)	0-4.5						
Sample Date	8/23/2013						
% Solids	80						
Sample pH	8.08						
Matrix	Soil						
No Contaminants of Concern Noted.							

Andrews Engineering, Inc.
11/5/2013

T:\IDOT\2013\IDOT 2013-017\MOR\09-2013\683\AE5 WO 017 683 Tables.xls

Added 1/8/14

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-61781-1
Client Project/Site: IDOT - IL 62/Algonquin Road - WO 017

For:
Andrews Engineering Inc.
3300 Ginger Creek Drive
Springfield, Illinois 62711

Attn: Mike Nelson

Authorized for release by:
9/16/2013 3:46:13 PM

Richard Wright, Project Manager II
richard.wright@testamericainc.com

Added 1/8/14

Client Sample Results

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-1

Client Sample ID: 2583-1-B02
Date Collected: 08/23/13 10:00
Date Received: 08/23/13 15:00

Lab Sample ID: 500-61781-3
Matrix: Solid
Percent Solids: 80.3

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0047		0.0047	0.0020	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Benzene	<0.0047		0.0047	0.00064	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Bromodichloromethane	<0.0047		0.0047	0.00081	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Bromoform	<0.0047		0.0047	0.0011	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Bromomethane	<0.0047		0.0047	0.0014	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
2-Butanone (MEK)	<0.0047		0.0047	0.0017	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Carbon disulfide	<0.0047		0.0047	0.00070	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Carbon tetrachloride	<0.0047		0.0047	0.00086	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Chlorobenzene	<0.0047		0.0047	0.00048	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Chloroethane	<0.0047		0.0047	0.0013	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Chloroform	<0.0047		0.0047	0.00054	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Chloromethane	<0.0047		0.0047	0.00099	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
cis-1,2-Dichloroethene	<0.0047		0.0047	0.00066	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
cis-1,3-Dichloropropene	<0.0047		0.0047	0.00062	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Dibromochloromethane	<0.0047		0.0047	0.00082	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
1,1-Dichloroethane	<0.0047		0.0047	0.00074	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
1,2-Dichloroethane	<0.0047		0.0047	0.00070	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
1,1-Dichloroethene	<0.0047		0.0047	0.00076	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
1,2-Dichloropropane	<0.0047		0.0047	0.00071	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
1,3-Dichloropropene, Total	<0.0047		0.0047	0.00062	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Ethylbenzene	<0.0047		0.0047	0.00095	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
2-Hexanone	<0.0047		0.0047	0.0014	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Methylene Chloride	<0.0047		0.0047	0.0013	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
4-Methyl-2-pentanone (MIBK)	<0.0047		0.0047	0.0012	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Methyl tert-butyl ether	<0.0047		0.0047	0.00078	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Styrene	<0.0047		0.0047	0.00062	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
1,1,2,2-Tetrachloroethane	<0.0047		0.0047	0.00095	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Tetrachloroethene	<0.0047		0.0047	0.00072	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Toluene	<0.0047		0.0047	0.00066	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
trans-1,2-Dichloroethene	<0.0047		0.0047	0.00065	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
trans-1,3-Dichloropropene	<0.0047		0.0047	0.00084	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
1,1,1-Trichloroethane	<0.0047		0.0047	0.00070	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
1,1,2-Trichloroethane	<0.0047		0.0047	0.00064	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Trichloroethene	<0.0047		0.0047	0.00078	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Vinyl acetate	<0.0047		0.0047	0.00074	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Vinyl chloride	<0.0047		0.0047	0.00099	mg/Kg		08/23/13 10:00	08/27/13 19:45	1
Xylenes, Total	<0.0094		0.0094	0.00043	mg/Kg		08/23/13 10:00	08/27/13 19:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*90*		*70 - 122*	*08/23/13 10:00*	*08/27/13 19:45*	*1*
Dibromofluoromethane	*108*		*75 - 120*	*08/23/13 10:00*	*08/27/13 19:45*	*1*
1,2-Dichloroethane-d4 (Surr)	*101*		*70 - 134*	*08/23/13 10:00*	*08/27/13 19:45*	*1*
Toluene-d8 (Surr)	*96*		*75 - 122*	*08/23/13 10:00*	*08/27/13 19:45*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.20		0.20	0.064	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Bis(2-chloroethyl)ether	<0.20		0.20	0.059	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
1,3-Dichlorobenzene	<0.20		0.20	0.042	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
1,4-Dichlorobenzene	<0.20		0.20	0.042	mg/Kg		09/05/13 07:32	09/05/13 18:55	1

Client Sample Results

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-1

Client Sample ID: 2583-1-B02
Date Collected: 08/23/13 10:00
Date Received: 08/23/13 15:00

Lab Sample ID: 500-61781-3
Matrix: Solid
Percent Solids: 80.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<0.20		0.20	0.044	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2-Methylphenol	<0.20		0.20	0.053	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2,2'-oxybis[1-chloropropane]	<0.20		0.20	0.044	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
N-Nitrosodi-n-propylamine	<0.20		0.20	0.051	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Hexachloroethane	<0.20		0.20	0.043	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2-Chlorophenol	<0.20		0.20	0.057	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Nitrobenzene	<0.040		0.040	0.012	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Bis(2-chloroethoxy)methane	<0.20		0.20	0.044	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
1,2,4-Trichlorobenzene	<0.20		0.20	0.045	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Isophorone	<0.20		0.20	0.045	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2,4-Dimethylphenol	<0.40		0.40	0.13	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Hexachlorobutadiene	<0.20		0.20	0.053	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Naphthalene	<0.040		0.040	0.0077	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2,4-Dichlorophenol	<0.40		0.40	0.12	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
4-Chloroaniline	<0.81		0.81	0.12	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2,4,6-Trichlorophenol	<0.40		0.40	0.050	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2,4,5-Trichlorophenol	<0.40		0.40	0.11	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Hexachlorocyclopentadiene	<0.81		0.81	0.19	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2-Methylnaphthalene	<0.20		0.20	0.052	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2-Nitroaniline	<0.20		0.20	0.072	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2-Chloronaphthalene	<0.20		0.20	0.045	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
4-Chloro-3-methylphenol	<0.40		0.40	0.19	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2,6-Dinitrotoluene	<0.20		0.20	0.048	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2-Nitrophenol	<0.40		0.40	0.063	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
3-Nitroaniline	<0.40		0.40	0.077	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Dimethyl phthalate	<0.20		0.20	0.050	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2,4-Dinitrophenol	<0.81		0.81	0.21	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Acenaphthylene	<0.040		0.040	0.0092	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
2,4-Dinitrotoluene	<0.20		0.20	0.061	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Acenaphthene	<0.040		0.040	0.012	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Dibenzofuran	<0.20		0.20	0.048	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
4-Nitrophenol	<0.81		0.81	0.22	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Fluorene	<0.040		0.040	0.0091	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
4-Nitroaniline	<0.40		0.40	0.082	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
4-Bromophenyl phenyl ether	<0.20		0.20	0.045	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Hexachlorobenzene	<0.081		0.081	0.0079	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Diethyl phthalate	<0.20		0.20	0.067	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
4-Chlorophenyl phenyl ether	<0.20		0.20	0.063	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Pentachlorophenol	<0.81		0.81	0.20	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
N-Nitrosodiphenylamine	<0.20		0.20	0.054	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
4,6-Dinitro-2-methylphenol	<0.40		0.40	0.097	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Phenanthrene	<0.040		0.040	0.017	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Anthracene	<0.040		0.040	0.0094	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Carbazole	<0.20		0.20	0.056	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Di-n-butyl phthalate	<0.20		0.20	0.051	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Fluoranthene	<0.040		0.040	0.016	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Pyrene	<0.040		0.040	0.014	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Butyl benzyl phthalate	<0.20		0.20	0.050	mg/Kg		09/05/13 07:32	09/05/13 18:55	1
Benzo[a]anthracene	<0.040		0.040	0.0084	mg/Kg		09/05/13 07:32	09/05/13 18:55	1

Added 1/8/14

Client Sample Results

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-1

Client Sample ID: 2583-1-B02
Date Collected: 08/23/13 10:00
Date Received: 08/23/13 15:00

Lab Sample ID: 500-61781-3
Matrix: Solid
Percent Solids: 80.3

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	<0.040		0.040	0.0091	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
3,3'-Dichlorobenzidine	<0.20		0.20	0.033	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
Bis(2-ethylhexyl) phthalate	<0.20		0.20	0.053	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
Di-n-octyl phthalate	<0.20		0.20	0.081	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
Benzo[b]fluoranthene	<0.040		0.040	0.0078	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
Benzo[k]fluoranthene	<0.040		0.040	0.0096	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
Benzo[a]pyrene	<0.040		0.040	0.0073	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
Indeno[1,2,3-cd]pyrene	<0.040		0.040	0.014	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
Dibenz(a,h)anthracene	<0.040		0.040	0.011	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
Benzo[g,h,i]perylene	<0.040		0.040	0.014	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1
3 & 4 Methylphenol	<0.20		0.20	0.076	mg/Kg	☼	09/05/13 07:32	09/05/13 18:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*56*		*25 - 110*	*09/05/13 07:32*	*09/05/13 18:55*	*1*
Phenol-d5	*53*		*31 - 110*	*09/05/13 07:32*	*09/05/13 18:55*	*1*
Nitrobenzene-d5	*55*		*25 - 115*	*09/05/13 07:32*	*09/05/13 18:55*	*1*
2-Fluorobiphenyl	*62*		*25 - 119*	*09/05/13 07:32*	*09/05/13 18:55*	*1*
2,4,6-Tribromophenol	*53*		*35 - 137*	*09/05/13 07:32*	*09/05/13 18:55*	*1*
Terphenyl-d14	*70*		*36 - 134*	*09/05/13 07:32*	*09/05/13 18:55*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.2		1.2	0.48	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Arsenic	11		0.60	0.12	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Barium	79		0.60	0.064	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Beryllium	0.85		0.24	0.021	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Boron	2.6	J	3.0	0.13	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Cadmium	<0.12		0.12	0.015	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Calcium	2800		12	3.3	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Chromium	20		0.60	0.070	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Cobalt	13	B	0.30	0.021	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Copper	27		0.60	0.053	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Iron	26000		12	4.9	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Lead	20	B	0.30	0.090	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Magnesium	4500		6.0	1.2	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Manganese	480		0.60	0.033	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Nickel	28	B	0.60	0.059	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Potassium	1100	B	30	1.8	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Selenium	1.8		0.60	0.21	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Silver	<0.30		0.30	0.022	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Sodium	710		60	8.1	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Thallium	0.30	J	0.60	0.25	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Vanadium	25	B	0.30	0.045	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Zinc	53		1.2	0.24	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1
Aluminum	14000		12	1.1	mg/Kg	☼	08/26/13 09:25	09/12/13 01:47	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Boron	1.0	B	0.10	0.050	mg/L		09/15/13 15:00	09/16/13 10:17	1
Iron	<0.20		0.20	0.20	mg/L		09/13/13 08:30	09/14/13 14:34	1

Added 1/8/14

Client Sample Results

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-1

Client Sample ID: 2583-1-B02
Date Collected: 08/23/13 10:00
Date Received: 08/23/13 15:00

Lab Sample ID: 500-61781-3
Matrix: Solid

Method: 6010B - Metals (ICP) - TCLP (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	<0.0075		0.0075	0.0050	mg/L		09/13/13 08:30	09/14/13 14:34	1

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1.4		0.50	0.010	mg/L		08/27/13 09:30	09/11/13 23:42	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/27/13 09:30	09/11/13 23:42	1
Boron	2.4		0.10	0.050	mg/L		08/27/13 09:30	09/11/13 23:42	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/27/13 09:30	09/11/13 23:42	1
Chromium	0.034		0.025	0.010	mg/L		08/27/13 09:30	09/11/13 23:42	1
Cobalt	<0.025		0.025	0.0050	mg/L		08/27/13 09:30	09/11/13 23:42	1
Iron	30		0.20	0.20	mg/L		08/27/13 09:30	09/11/13 23:42	1
Lead	0.014		0.0075	0.0050	mg/L		08/27/13 09:30	09/11/13 23:42	1
Manganese	0.10		0.025	0.010	mg/L		08/27/13 09:30	09/11/13 23:42	1
Nickel	0.030		0.025	0.010	mg/L		08/27/13 09:30	09/11/13 23:42	1
Selenium	<0.050		0.050	0.010	mg/L		08/27/13 09:30	09/11/13 23:42	1
Silver	<0.025		0.025	0.0050	mg/L		08/27/13 09:30	09/11/13 23:42	1
Zinc	1.4		0.10	0.020	mg/L		08/27/13 09:30	09/11/13 23:42	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0030	mg/L		08/27/13 09:30	08/28/13 16:40	1
Thallium	<0.0020		0.0020	0.0020	mg/L		08/27/13 09:30	08/28/13 16:40	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000020	mg/L		08/27/13 14:15	08/28/13 11:46	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.041		0.020	0.0093	mg/Kg	☼	08/27/13 13:00	08/28/13 10:18	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.08		0.200	0.200	SU			09/09/13 12:51	1

Definitions/Glossary

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
F	MS/MSD Recovery and/or RPD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is 4 times greater than the matrix spike concentration; therefore, control limits are not applicable.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

ANDREWS ENGINEERING INC

CHAIN OF CUSTODY RECORD

500-61781 COC

Andrews Engineering, Inc.
3300 Ginger Creek Drive
Springfield, IL 62711
217-787-2334
Contact: Colleen Grey
email: cgrey@andrews-eng.com

Laboratory
Lab: Test America - Chicago
Address: 2417 Bond Street
University Park, IL 60484
Phone: 708-534-5200
Contact: Dick Wright
email: richard.wright@testamericainc.com

Project Name: Illiana Playground Condo
Project No.: IDOT2013-017
TAT: ☒ 15 BD ☐ 10 BD ☐ 5 BD ☐ 2 BD ☐ Other
Sampler: SR

COC No.: 1 of 1
Lab Job No.: 500-61781
Sample Temp: (2.7)(2.3)(3.0)

Special Instructions:
See Table 2 for complete parameter lists and minimum reporting limits.
* If Total RCRA metal (mg/kg) result exceeds the Soil Toxicity Characteristics Limit (Table 3), run TCLP for that specific RCRA metal.
** If SPLP result exceeds Class I Standard, run TCLP for that specific parameter.

Lab ID	Sample ID	Sample Date	Sample Time	Matrix	ANALYSES: VOCs	SVOCs	BETX & MTBE	PNAs	Pesticides	PCBs	* Total Metals	SPLP/** TCLP Metals	pH	% Solids	Waste Characterization			Comments
1	2583-1-B01	8/23	9:50	S	X	X					X	X	X	X				0-4.5'
2	2583-1-B01 DUP	"	9:50	"	X	X					X	X	X	X				"
3	2583-1-B02	"	10:00	"	X	X					X	X	X	X				"

Matrix Key:
W: Water
S: Soil
SL: Sludge
S: Sediment
L: Leachate
DW: Drinking Water
OL: Oil
O: Other

Relinquished by:	Date/Time	Received by:	Date/Time
	8/23 3:04		1530
Relinquished by:	Date/Time	Received by:	Date/Time
	8/23/13 1620		8/23/13 1/620
Relinquished by:	Date/Time	Received by:	Date/Time
	8/23/13 1830		8/24/13 0600

Andrews Engineering, Inc.

JUNDOT2013Forms\COCs\AEI - IDOT2013 COC (TAL) 9/16/2013

Added 1/8/14

Illinois Environmental Protection Agency

Bureau of Land • 1021 North Grand Avenue East • P.O. Box 19276 • Springfield • Illinois • 62794-9276

Uncontaminated Soil Certification
by Licensed Professional Engineer or Licensed Professional Geologist
for Use of Uncontaminated Soil as Fill in a CCDD or Uncontaminated Soil Fill Operation
LPC-663
Revised in accordance with 35 Ill. Adm. Code 1100, as amended by PCB R2012-009 (eff. Aug. 27, 2012)

This certification form is to be used by professional engineers and professional geologists to certify, pursuant to 35 Ill. Adm. Code 1100.205(a)(1)(B), that soil (i) is uncontaminated soil and (ii) is within a pH range of 6.26 to 9.0. If you have questions about this form, please telephone the Bureau of Land Permit Section at 217/524-3300.

This form may be completed online, saved locally, printed and signed, and submitted to prospective clean construction or demolition debris (CCDD) fill operations or uncontaminated soil fill operations.

I. Source Location Information

(Describe the location of the source of the uncontaminated soil)

Project Name: FAP 339 (IL 62) Office Phone Number, if available: _____

Physical Site Location (address, incldluding number and street):
1301 Algonquin Road

City: Schaumburg State: IL Zip Code: 60196

County: Cook Township: 42N

Lat/Long of approximate center of site in decimal degrees (DD.ddddd) to five decimal places (e.g., 40.67890, -90.12345):

Latitude: 42.06856 (Decimal Degrees) Longitude: -88.04512 (-Decimal Degrees)

Identify how the lat/long data were determined:

☐ GPS ☒ Map Interpolation ☐ Photo Interpolation ☐ Survey ☐ Other

IEPA Site Number(s), if assigned: BOL: _____ BOW: _____ BOA: _____

II. Owner/Operator Information for Source Site

Site Owner		Site Operator	
Name:	Illinois Department of Transportation	Name:	Illinois Department of Transportation
Street Address:	201 West Center Court	Street Address:	201 West Center Court
PO Box:		PO Box:	
City:	Schaumburg State: Il	City:	Schaumburg State: IL
Zip Code:	60196-1096 Phone:	Zip Code:	60196-1096 Phone:
Contact:	Sam Mead	Contact:	Sam Mead
Email, if available:	Sam.Mead@illinois.gov	Email, if available:	Sam.Mead@illinois.gov

IL 532-2922
LPC 663 Rev. 8/2012

This Agency is authorized to require this information under Section 4 and Title X of the Environmental Protection Act (415 ILCS 5/4, 5/39). Failure to disclose this information may result in: a civil penalty of not to exceed $50,000 for the violation and an additional civil penalty of not to exceed $10,000 for each day during which the violation continues (415 ILCS 5/42). This form has been approved by the Forms Management Center.

Added 1/8/14

Project Name: FAP 339 (IL 62)

Latitude: 42.06856 Longitude: -88.04512

Uncontaminated Site Certification

III. Basis for Certification and Attachments

For each item listed below, reference the attachments to this form that provide the required information.

a. A Description of the soil sample points and how they were determined to be sufficient in number and appropriately located 35 Ill. Adm. Code 1100.610(a)]:

Location 2583-3-B03 were sampled adjacent to ISGS site No. 2583-3. See Figure 2 and Table 3 of the revised preliminary site investigation report for sampling details.

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 Ill. Adm. Code Part 1100, Subpart F and that the soil pH is within the range of 6.25 to 9.0, including the documentation of chain of custody control, a copy of the lab analysis; the accreditation status of the laboratory performing the analysis; and certification by an authorized agent of the laboratory that the analysis has been performed in accordance with the Agency's rules for the accreditation of environmental and the scope of the accreditation [35 Ill. Adm. Code 1100.201(g), 1100.205(a), 1100.610]:

TestAmerica analytical report - TestAmerica job ID: 500-61781-2

IV. Certification Statement, Signature and Seal of Licensed Professional Engineer or Licensed Professional Geologist

I, Steven Gobelman, P.E., L.P.G. (name of licensed professional engineer or geologist) certify under penalty of law that the information submitted, including but not limited to, all attachments and other information, is to the best of my knowledge and belief, true, accurate and complete. In accordance with the Environmental Protection Act [415 ILCS 5/22.51 or 22.51a] and 35 Ill. Adm. Code 1100.205(a), I certify that the soil from this site is uncontaminated soil. I also certify that the soil pH is within the range of 6.25 to 9.0. In addition, I certify that the soil has not been removed from the site as part of a cleanup or removal of contaminants. All necessary documentation is attached.

Any person who knowingly makes a false, fictitious, or fraudulent material statement, orally or in writing, to the Illinois EPA commits a Class 4 felony. A second or subsequent offense after conviction is a Class 3 felony. (415 ILCS 5/44(h))

Company Name: Illinois Department of Transportation, Bureau of Design and Environment

Street Address: 2300 South Dirksen Parkway

City: Springfield State: IL Zip Code: 62764

Phone: (217)-785-7525

Steven Gobelman, P.E., L.P.G.
Printed Name:

Licensed Professional Engineer or
Licensed Professional Geologist Signature:

12/13/13
Date:

STEVEN GOBELMAN
196-000598
LICENSED
PROFESSIONAL
GEOLOGIST
STATE OF ILLINOIS

P.E. or L.P.G. Seal:

Added 1/8/14

THIS TABLE LISTS THE PARAMETERS ANALYZED IN SITE SOIL SAMPLES

Analytical Parameters

Volatile Organic Compounds (mg/kg)
1,1,1-Trichloroethane
1,1,2,2-Tetrachloroethane
1,1,2-Trichloroethane
1,1-Dichloroethane
1,1-Dichloroethene
1,2-Dichloroethane
1,2-Dichloropropane
1,3-Dichloropropene
2-Butanone (MEK)
2-Hexanone (MBK)
4-Methyl-2-pentanone (MIBK)
Acetone
Benzene
Bromodichloromethane
Bromoform
Bromomethane
Carbon disulfide
Carbon Tetrachloride
Chlorobenzene
Chloroethane
Chloroform
Chloromethane
cis-1,2-Dichloroethene
cis-1,3-Dichloropropene
Dibromochloromethane
Ethylbenzene
Methylene chloride
Methyl-tert-butyl-ether (MTBE)
Styrene
Tetrachloroethene
Toluene
trans-1,2-Dichloroethene
trans-1,3-Dichloropropene
Trichloroethene
Vinyl Acetate
Vinyl Chloride
Xylenes, total
m-Xylene
o-Xylene
p-Xylene
Semivolatile Organic Compounds (mg/kg)
1,2,4-Trichlorobenzene
1,2-Dichlorobenzene
1,3-Dichlorobenzene
1,4-Dichlorobenzene
2,4,5-Trichlorophenol
2,4,6-Trichlorophenol
2,4-Dichlorophenol
2,4-Dimethylphenol
2,4-Dinitrophenol
2,4-Dinitrotoluene
2,6-Dinitrotoluene
2-Chloronaphthalene
2-Chlorophenol
2-Methylnaphthalene
2-Methylphenol
2-Nitroaniline
2-Nitrophenol
3,3'-Dichlorobenzidine
3-Nitroaniline
4,6-Dinitro-2-methylphenol
4-Bromophenyl phenyl ether
4-Chloro-3-methylphenol
4-Chloroaniline
4-Chlorophenyl phenyl ether
4-Methylphenol
4-Nitroaniline
4-Nitrophenol
Acenaphthene
Acenaphthylene
Anthracene
Benzo (a) anthracene
Benzo (a) pyrene

Added 1/8/14

THIS TABLE LISTS THE PARAMETERS ANALYZED IN SITE SOIL SAMPLES

Analytical Parameters

Semivolatile Organic Compounds (mg/kg) (cont.)
Benzo (b) fluoranthene
Benzo (g,h,i) perylene
Benzo (k) fluoranthene
Bis(2-chloroethoxy)methane
Bis(2-chloroethyl)ether
bis(2-chloroisopropyl)ether
Bis(2-ethylhexyl)phthalate
Butyl benzyl phthalate
Carbazole
Chrysene
Dibenzo (a,h) anthracene
Dibenzofuran
Diethyl phthalate
Dimethyl phthalate
Di-n-butyl phthalate
Di-n-octyl phthalate
Fluoranthene
Fluorene
Hexachlorobenzene
Hexachlorobutadiene
Hexachlorocyclopentadiene
Hexachloroethane
Indeno (1,2,3-cd) pyrene
Isophorone
Naphthalene
Nitrobenzene
N-Nitrosodi-n-propylamine
N-Nitrosodiphenylamine
Pentachlorophenol
Phenanthrene
Phenol
Pyrene
Inorganic Compounds, Total (mg/kg)
Antimony
Arsenic
Barium
Beryllium
Boron
Cadmium
Calcium
Chromium
Cobalt
Copper
Iron
Lead
Magnesium
Manganese
Mercury
Nickel
Potassium
Selenium
Silver
Sodium
Thallium
Vanadium
Zinc
TCLP/SPLP Inorganics (mg/L)
Antimony
Barium
Beryllium
Boron
Cadmium
Chromium
Cobalt
Iron
Lead
Manganese
Mercury
Nickel
Selenium
Silver
Thallium
Zinc

Added 1/8/14

The following table summarizes the results of laboratory analysis of site soil samples. In reading the table,

- Only parameters reported at concentrations above the most stringent MAC are listed.
- Samples with the notation **"No Contaminants of Concern Noted"** were below the most stringent MAC.

The laboratory report for site soils follows this summary table.

Added 1/8/14

ISGS Site 2583-3
Motorola Solutions

Sample ID	2583-3-B03	[1] Most Stringent MAC	[2] Outside a Populated Area MAC	[3] Populated non-Metropolitan Statistical Area MAC	[4] Within Chicago Corporate Limits MAC	[3] Metropolitan Statistical Area MAC	[5] Class I Soil TCLP/SPLP Comparisons Only
Sample Depth (ft)	0-4.5						
Sample Date	8/23/2013						
% Solids	89						
Sample pH	8.58						
Matrix	Soil						
No Contaminants of Concern Noted.							

Andrews Engineering, Inc.
12/13/2013

T:\IDOT2013\IDOT2013-017\MON\08-2013\863\AES WO 017 863 Tables R1_12-5-2013.xlsx

Added 1/8/14

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica Chicago
2417 Bond Street
University Park, IL 60484
Tel: (708)534-5200

TestAmerica Job ID: 500-61781-2
Client Project/Site: IDOT - IL 62/Algonquin Road - WO 017

For:
Andrews Engineering Inc.
3300 Ginger Creek Drive
Springfield, Illinois 62711

Attn: Mike Nelson

Authorized for release by:
9/16/2013 4:01:10 PM

Richard Wright, Project Manager II
richard.wright@testamericainc.com

Added 1/8/14

Client Sample Results

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-2

Client Sample ID: 2583-3-B03
Date Collected: 08/23/13 08:50
Date Received: 08/23/13 15:00

Lab Sample ID: 500-61781-8
Matrix: Solid
Percent Solids: 89.4

Method: 8260B - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0042		0.0042	0.0018	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Benzene	<0.0042		0.0042	0.00057	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Bromodichloromethane	<0.0042		0.0042	0.00072	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Bromoform	<0.0042		0.0042	0.00096	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Bromomethane	<0.0042		0.0042	0.0013	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
2-Butanone (MEK)	<0.0042		0.0042	0.0015	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Carbon disulfide	<0.0042		0.0042	0.00062	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Carbon tetrachloride	<0.0042		0.0042	0.00076	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Chlorobenzene	<0.0042		0.0042	0.00042	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Chloroethane	<0.0042		0.0042	0.0011	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Chloroform	<0.0042		0.0042	0.00048	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Chloromethane	<0.0042		0.0042	0.00088	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
cis-1,2-Dichloroethene	<0.0042		0.0042	0.00059	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
cis-1,3-Dichloropropene	<0.0042		0.0042	0.00055	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Dibromochloromethane	<0.0042		0.0042	0.00073	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
1,1-Dichloroethane	<0.0042		0.0042	0.00066	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
1,2-Dichloroethane	<0.0042		0.0042	0.00062	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
1,1-Dichloroethene	<0.0042		0.0042	0.00067	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
1,2-Dichloropropane	<0.0042		0.0042	0.00063	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
1,3-Dichloropropene, Total	<0.0042		0.0042	0.00055	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Ethylbenzene	<0.0042		0.0042	0.00084	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
2-Hexanone	<0.0042		0.0042	0.0012	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Methylene Chloride	<0.0042		0.0042	0.0011	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
4-Methyl-2-pentanone (MIBK)	<0.0042		0.0042	0.0011	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Methyl tert-butyl ether	<0.0042		0.0042	0.00069	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Styrene	<0.0042		0.0042	0.00055	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
1,1,2,2-Tetrachloroethane	<0.0042		0.0042	0.00084	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Tetrachloroethene	<0.0042		0.0042	0.00064	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Toluene	<0.0042		0.0042	0.00058	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
trans-1,2-Dichloroethene	<0.0042		0.0042	0.00057	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
trans-1,3-Dichloropropene	<0.0042		0.0042	0.00075	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
1,1,1-Trichloroethane	<0.0042		0.0042	0.00062	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
1,1,2-Trichloroethane	<0.0042		0.0042	0.00057	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Trichloroethene	<0.0042		0.0042	0.00069	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Vinyl acetate	<0.0042		0.0042	0.00066	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Vinyl chloride	<0.0042		0.0042	0.00088	mg/Kg		08/23/13 08:50	08/28/13 00:59	1
Xylenes, Total	<0.0084		0.0084	0.00038	mg/Kg		08/23/13 08:50	08/28/13 00:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene (Surr)	*99*		*70 - 122*	*08/23/13 08:50*	*08/28/13 00:59*	*1*
Dibromofluoromethane	*88*		*75 - 120*	*08/23/13 08:50*	*08/28/13 00:59*	*1*
1,2-Dichloroethane-d4 (Surr)	*92*		*70 - 134*	*08/23/13 08:50*	*08/28/13 00:59*	*1*
Toluene-d8 (Surr)	*102*		*75 - 122*	*08/23/13 08:50*	*08/28/13 00:59*	*1*

Method: 8270D - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.18		0.18	0.056	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Bis(2-chloroethyl)ether	<0.18		0.18	0.052	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
1,3-Dichlorobenzene	<0.18		0.18	0.037	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
1,4-Dichlorobenzene	<0.18		0.18	0.037	mg/Kg		09/05/13 07:32	09/05/13 20:23	1

Added 1/8/14

Client Sample Results

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-2

Client Sample ID: 2583-3-B03
Date Collected: 08/23/13 08:50
Date Received: 08/23/13 15:00

Lab Sample ID: 500-61781-8
Matrix: Solid
Percent Solids: 89.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2-Dichlorobenzene	<0.18		0.18	0.038	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2-Methylphenol	<0.18		0.18	0.047	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2,2'-oxybis[1-chloropropane]	<0.18		0.18	0.039	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
N-Nitrosodi-n-propylamine	<0.18		0.18	0.045	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Hexachloroethane	<0.18		0.18	0.037	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2-Chlorophenol	<0.18		0.18	0.050	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Nitrobenzene	<0.035		0.035	0.011	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Bis(2-chloroethoxy)methane	<0.18		0.18	0.039	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
1,2,4-Trichlorobenzene	<0.18		0.18	0.040	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Isophorone	<0.18		0.18	0.039	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2,4-Dimethylphenol	<0.35		0.35	0.11	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Hexachlorobutadiene	<0.18		0.18	0.046	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Naphthalene	<0.035		0.035	0.0068	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2,4-Dichlorophenol	<0.35		0.35	0.11	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
4-Chloroaniline	<0.71		0.71	0.11	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2,4,6-Trichlorophenol	<0.35		0.35	0.044	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2,4,5-Trichlorophenol	<0.35		0.35	0.10	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Hexachlorocyclopentadiene	<0.71		0.71	0.16	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2-Methylnaphthalene	<0.18		0.18	0.046	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2-Nitroaniline	<0.18		0.18	0.063	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2-Chloronaphthalene	<0.18		0.18	0.040	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
4-Chloro-3-methylphenol	<0.35		0.35	0.17	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2,6-Dinitrotoluene	<0.18		0.18	0.042	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2-Nitrophenol	<0.35		0.35	0.055	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
3-Nitroaniline	<0.35		0.35	0.068	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Dimethyl phthalate	<0.18		0.18	0.044	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2,4-Dinitrophenol	<0.71		0.71	0.18	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Acenaphthylene	<0.035		0.035	0.0081	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
2,4-Dinitrotoluene	<0.18		0.18	0.054	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Acenaphthene	<0.035		0.035	0.011	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Dibenzofuran	<0.18		0.18	0.042	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
4-Nitrophenol	<0.71		0.71	0.19	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Fluorene	<0.035		0.035	0.0080	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
4-Nitroaniline	<0.35		0.35	0.072	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
4-Bromophenyl phenyl ether	<0.18		0.18	0.039	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Hexachlorobenzene	<0.071		0.071	0.0069	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Diethyl phthalate	<0.18		0.18	0.059	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
4-Chlorophenyl phenyl ether	<0.18		0.18	0.055	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Pentachlorophenol	<0.71		0.71	0.18	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
N-Nitrosodiphenylamine	<0.18		0.18	0.048	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
4,6-Dinitro-2-methylphenol	<0.35		0.35	0.085	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Phenanthrene	<0.035		0.035	0.015	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Anthracene	<0.035		0.035	0.0083	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Carbazole	<0.18		0.18	0.049	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Di-n-butyl phthalate	<0.18		0.18	0.044	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Fluoranthene	<0.035		0.035	0.014	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Pyrene	<0.035		0.035	0.013	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Butyl benzyl phthalate	<0.18		0.18	0.044	mg/Kg		09/05/13 07:32	09/05/13 20:23	1
Benzo[a]anthracene	<0.035		0.035	0.0074	mg/Kg		09/05/13 07:32	09/05/13 20:23	1

Added 1/8/14

Client Sample Results

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-2

Client Sample ID: 2583-3-B03
Date Collected: 08/23/13 08:50
Date Received: 08/23/13 15:00

Lab Sample ID: 500-61781-8
Matrix: Solid
Percent Solids: 89.4

Method: 8270D - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	<0.035		0.035	0.0079	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
3,3'-Dichlorobenzidine	<0.18		0.18	0.029	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
Bis(2-ethylhexyl) phthalate	<0.18		0.18	0.047	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
Di-n-octyl phthalate	<0.18		0.18	0.071	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
Benzo[b]fluoranthene	<0.035		0.035	0.0068	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
Benzo[k]fluoranthene	<0.035		0.035	0.0084	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
Benzo[a]pyrene	<0.035		0.035	0.0064	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
Indeno[1,2,3-cd]pyrene	<0.035		0.035	0.012	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
Dibenz(a,h)anthracene	<0.035		0.035	0.0098	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
Benzo[g,h,i]perylene	<0.035		0.035	0.012	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1
3 & 4 Methylphenol	<0.18		0.18	0.067	mg/Kg	☼	09/05/13 07:32	09/05/13 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorophenol	*33*		*25 - 110*	*09/05/13 07:32*	*09/05/13 20:23*	*1*
Phenol-d5	*34*		*31 - 110*	*09/05/13 07:32*	*09/05/13 20:23*	*1*
Nitrobenzene-d5	*34*		*25 - 115*	*09/05/13 07:32*	*09/05/13 20:23*	*1*
2-Fluorobiphenyl	*41*		*25 - 119*	*09/05/13 07:32*	*09/05/13 20:23*	*1*
2,4,6-Tribromophenol	*38*		*35 - 137*	*09/05/13 07:32*	*09/05/13 20:23*	*1*
Terphenyl-d14	*57*		*36 - 134*	*09/05/13 07:32*	*09/05/13 20:23*	*1*

Method: 6010B - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<1.0		1.0	0.41	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Arsenic	9.2		0.51	0.10	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Barium	42		0.51	0.054	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Beryllium	0.55		0.20	0.018	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Boron	6.4		2.5	0.11	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Cadmium	0.21	B	0.10	0.013	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Calcium	50000		10	2.8	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Chromium	13		0.51	0.059	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Cobalt	10	B	0.25	0.018	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Copper	26		0.51	0.045	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Iron	19000		10	4.2	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Lead	18	B	0.25	0.076	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Magnesium	25000		5.1	1.0	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Manganese	460		0.51	0.028	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Nickel	27	B	0.51	0.050	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Potassium	1200	B	25	1.5	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Selenium	0.78		0.51	0.18	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Silver	<0.25		0.25	0.018	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Sodium	250		51	6.8	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Thallium	<0.51		0.51	0.21	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Vanadium	16	B	0.25	0.038	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Zinc	43		1.0	0.21	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1
Aluminum	7600		10	0.94	mg/Kg	☼	08/26/13 09:25	09/12/13 02:18	1

Method: 6010B - Metals (ICP) - TCLP

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Iron	<0.20		0.20	0.20	mg/L		09/13/13 08:30	09/14/13 14:57	1
Lead	<0.0075		0.0075	0.0050	mg/L		09/13/13 08:30	09/14/13 14:57	1

Added 1/8/14

Client Sample Results

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-2

Client Sample ID: 2583-3-B03
Date Collected: 08/23/13 08:50
Date Received: 08/23/13 15:00

Lab Sample ID: 500-61781-8
Matrix: Solid

Method: 6010B - Metals (ICP) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	1.1		0.50	0.010	mg/L		08/27/13 09:30	09/12/13 00:10	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		08/27/13 09:30	09/12/13 00:10	1
Boron	1.8		0.10	0.050	mg/L		08/27/13 09:30	09/12/13 00:10	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		08/27/13 09:30	09/12/13 00:10	1
Chromium	0.017	J	0.025	0.010	mg/L		08/27/13 09:30	09/12/13 00:10	1
Cobalt	<0.025		0.025	0.0050	mg/L		08/27/13 09:30	09/12/13 00:10	1
Iron	13		0.20	0.20	mg/L		08/27/13 09:30	09/12/13 00:10	1
Lead	0.014		0.0075	0.0050	mg/L		08/27/13 09:30	09/12/13 00:10	1
Manganese	0.086		0.025	0.010	mg/L		08/27/13 09:30	09/12/13 00:10	1
Nickel	0.013	J	0.025	0.010	mg/L		08/27/13 09:30	09/12/13 00:10	1
Selenium	<0.050		0.050	0.010	mg/L		08/27/13 09:30	09/12/13 00:10	1
Silver	<0.025		0.025	0.0050	mg/L		08/27/13 09:30	09/12/13 00:10	1
Zinc	1.1		0.10	0.020	mg/L		08/27/13 09:30	09/12/13 00:10	1

Method: 6020A - Metals (ICP/MS) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0.0030	mg/L		08/27/13 09:30	08/28/13 17:05	1
Thallium	<0.0020		0.0020	0.0020	mg/L		08/27/13 09:30	08/28/13 17:05	1

Method: 7470A - Mercury (CVAA) - SPLP East

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	<0.00020		0.00020	0.000020	mg/L		08/27/13 14:15	08/28/13 12:00	1

Method: 7471B - Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.026		0.018	0.0083	mg/Kg	☼	08/27/13 13:00	08/28/13 10:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.58		0.200	0.200	SU			09/09/13 13:05	1

Added 1/8/14

Definitions/Glossary

Client: Andrews Engineering Inc.
Project/Site: IDOT - IL 62/Algonquin Road - WO 017

TestAmerica Job ID: 500-61781-2

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

GC/MS Semi VOA

Qualifier	Qualifier Description
*	LCS or LCSD exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
B	Compound was found in the blank and sample.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

ANDREWS ENGINEERING INC

CHAIN OF CUSTODY RECORD

COC No.: 1 of 1

Client Contact

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Project Name: 962/Algonquin Rd - Cooks
Project No.: IDOT 2013-017
TAT: ☒ 15 BD ☐ 10 BD ☐ 5 BD ☐ 2 BD ☐ Other
Sampler: SR

Lab Job No.: 500-61781
Sample Temp:

Special Instructions:

See Table 2 for complete parameter lists and minimum reporting limits.

* If Total RCRA metal (mg/kg) result exceeds the Soil Toxicity Characteristics Limit (Table 3), run TCLP for that specific RCRA metal.

** If SPLP result exceeds Class I Standard, run TCLP for that specific parameter.

ANALYSES

Lab ID	Sample ID	Sample Date	Sample Time	Matrix	VOCs	SVOCs	BETX & MTBE	PNAs	Pesticides	PCBs	* Total Metals	SPLP/** TCLP Metals	pH	% Solids	Waste Characterization			Comments
4	2583-3-B01-1	8/23	8:20	S	X	X					X	X	X	X				0-7'
5	2583-3-B01-2	"	8:25															7-14'
6	2583-3-B01-3	"	8:30															14-21'
7	2583-3-B02	"	8:40															0-4.5'
8	2583-3-B03	"	8:50	S	X	X					X	X	X	X				0-4.5'

Matrix Key:
W: Water
S: Soil
SL: Sludge
S: Sediment
L: Leachate
DW: Drinking Water
OL: Oil
O: Other

Relinquished by:	Date/Time: 8/23 8:44	Received by:	Date/Time: 8/23/13 1500
Relinquished by:	Date/Time: 8/23/13 1620	Received by:	Date/Time: 8/23/13 1620
Relinquished by:	Date/Time: 8/23/13 1830	Received by:	Date/Time: 8/24/13 0600

Andrews Engineering, Inc.

J:\IDOT2013\Forms\COCs\AEI - IDOT2013 COC (TAL) 9/16/2013

Added 1/8/14