April 14, 2014

SUBJECT: FAP Route 344 (IL 83)

Project ACHSIP-0344 (058)

Section 2013-063TS DuPage County Contract No. 60X35

Item No. 12, April 25, 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 page ii of the Table of Contents to the Special Provisions
- 3. Revised pages 116-119 of the Special Provisions
- 4. Added pages 139-185 to the Special Provisions
- 5. Revised Sheet 12 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.

Tett Delukbyer A.E.

Engineer of Project Management

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

MS/kp

State Job # - C-91-074-14

County Name - DUPAGE- -

Code - 43 - -

District - 1 - -

Section Number - 2013-063TS

 Project Number
 Route

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 FAP 344

*REVISED: APRIL 11, 2014

Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
X0324085	EM VEH P S LSC 20 3C	FOOT	3,152.000				
X0325938	TEMP WIR INTERCON COM	L SUM	1.000				
X8100105	CONDUIT SPLICE	EACH	4.000				
X8570226	FAC T4 CAB SPL	EACH	2.000				
X8620200	UNINTER POWER SUP SPL	EACH	5.000				
X8630104	CONT CAB TYPE IV SPL	EACH	3.000				
X8710024	FOCC62.5/125 MM12SM24	FOOT	19,561.000				
Z0030850	TEMP INFO SIGNING	SQ FT	103.000				
Z0033056	OPTIM TRAF SIGNAL SYS	EACH	1.000				
Z0073510	TEMP TR SIGNAL TIMING	EACH	4.000				
Z0076600	TRAINEES	HOUR	500.000		0.800		400.000
Z0076604	TRAINEES TPG	HOUR	500.000		15.000		7,500.000
31101200	SUB GRAN MAT B 4	SQ YD	97.000				
42001300	PROTECTIVE COAT	SQ YD	107.000				
42400200	PC CONC SIDEWALK 5	SQ FT	847.000				

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Route **FAP 344**

ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
42400800	DETECTABLE WARNINGS	SQ FT	125.000				
44000500	COMB CURB GUTTER REM	FOOT	48.000				
44000600	SIDEWALK REM	SQ FT	259.000				
44003100	MEDIAN REMOVAL	SQ FT	32.000				
44201785	CL D PATCH T1 12	SQ YD	52.000				
60603800	COMB CC&G TB6.12	FOOT	48.000				
60624600	CORRUGATED MED	SQ FT	10.000				
*ADD 66900200	NON SPL WASTE DISPOSL	CU YD	200.000				
*ADD 66900450	SPL WASTE PLNS/REPORT	L SUM	1.000				
*ADD 66900530	SOIL DISPOSAL ANALY	EACH	4.000				
67000400	ENGR FIELD OFFICE A	CAL MO	9.000				
67100100	MOBILIZATION	L SUM	1.000				
70100310	TRAF CONT-PROT 701421	L SUM	1.000				
70102630	TR CONT & PROT 701601	L SUM	1.000				
70102635	TR CONT & PROT 701701	L SUM	1.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	X	Unit Price	=	Total Price
70102640	TR CONT & PROT 701801	L SUM	1.000				
70106800	CHANGEABLE MESSAGE SN	CAL MO	3.000				
72000100	SIGN PANEL T1	SQ FT	177.000				
72000200	SIGN PANEL T2	SQ FT	207.000				
72400710	RELOC SIGN PANEL T1	SQ FT	15.000				
78000400	THPL PVT MK LINE 6	FOOT	723.000				
78000600	THPL PVT MK LINE 12	FOOT	29.000				
78000650	THPL PVT MK LINE 24	FOOT	41.000				
78300100	PAVT MARKING REMOVAL	SQ FT	119.000				
80500020	SERV INSTALL POLE MT	EACH	5.000				
81028200	UNDRGRD C GALVS 2	FOOT	5,218.000				
81028210	UNDRGRD C GALVS 2 1/2	FOOT	72.000				
81028220	UNDRGRD C GALVS 3	FOOT	565.000				
81028240	UNDRGRD C GALVS 4	FOOT	2,595.000				
81400100	HANDHOLE	EACH	6.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
81400200	HD HANDHOLE	EACH	22.000				
81400300	DBL HANDHOLE	EACH	10.000				
85000200	MAIN EX TR SIG INSTAL	EACH	3.000				
86400100	TRANSCEIVER - FIB OPT	EACH	5.000				
87300925	ELCBL C TRACER 14 1C	FOOT	19,423.000				
87301215	ELCBL C SIGNAL 14 2C	FOOT	2,397.000				
87301225	ELCBL C SIGNAL 14 3C	FOOT	5,636.000				
87301245	ELCBL C SIGNAL 14 5C	FOOT	18,967.000				
87301255	ELCBL C SIGNAL 14 7C	FOOT	2,771.000				
87301305	ELCBL C LEAD 14 1PR	FOOT	10,722.000				
87301805	ELCBL C SERV 6 2C	FOOT	321.000				
87301900	ELCBL C EGRDC 6 1C	FOOT	4,244.000				
87502440	TS POST GALVS 10	EACH	1.000				
87502500	TS POST GALVS 16	EACH	2.000				
87700150	S MAA & P 22	EACH	1.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87700160	S MAA & P 24	EACH	5.000				
87700170	S MAA & P 26	EACH	3.000				
87700180	S MAA & P 28	EACH	1.000				
87700190	S MAA & P 30	EACH	3.000				
87700210	S MAA & P 34	EACH	1.000				
87700220	S MAA & P 36	EACH	3.000				
87700230	S MAA & P 38	EACH	1.000				
87700260	S MAA & P 44	EACH	1.000				
87700280	S MAA & P 48	EACH	1.000				
87700300	S MAA & P 52	EACH	4.000				
87700310	S MAA & P 54	EACH	1.000				
87700320	S MAA & P 55	EACH	1.000				
87700330	S MAA & P 56	EACH	1.000				
87700400	S MAA & P 60	EACH	1.000				
87700404	S MAA & P 62	EACH	1.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
87700418	S MAA & P 68	EACH	1.000				
87800100	CONC FDN TY A	FOOT	36.000				
87800150	CONC FDN TY C	FOOT	20.000				
87800400	CONC FDN TY E 30D	FOOT	209.000				
87800415	CONC FDN TY E 36D	FOOT	116.000				
87800420	CONC FDN TY E 42D	FOOT	88.000				
87900200	DRILL EX HANDHOLE	EACH	9.000				
88030020	SH LED 1F 3S MAM	EACH	55.000				
88030110	SH LED 1F 5S MAM	EACH	4.000				
88030210	SH LED 2F 3S BM	EACH	1.000				
88030220	SH LED 2F 5S BM	EACH	1.000				
88030240	SH LED 2F 1-3 1-5 BM	EACH	2.000				
88102717	PED SH LED 1F BM CDT	EACH	6.000				
88200210	TS BACKPLATE LOU ALUM	EACH	80.000				
88500100	INDUCTIVE LOOP DETECT	EACH	41.000				

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ltem Number	Pay Item Description	Unit of Measure	Quantity	X	Unit Price	=	Total Price
88600100	DET LOOP T1	FOOT	4,591.000				
88700200	LIGHT DETECTOR	EACH	3.000				
88700300	LIGHT DETECTOR AMP	EACH	1.000				
88800100	PED PUSH-BUTTON	EACH	6.000				
89000100	TEMP TR SIG INSTALL	EACH	4.000				
89500100	RELOC EX SIG HEAD	EACH	27.000				
89500200	RELOC EX PED SIG HEAD	EACH	6.000				
89500400	RELOC EX PED PUSH-BUT	EACH	6.000				
89501100	RELOC EX TS CONT	EACH	3.000				
89501150	RELOC EX TS POST	EACH	6.000				
89501400	REL EM VEH PR SYS D U	EACH	12.000				
89501410	REL EM VEH PR SYS P U	EACH	4.000				
89502200		EACH	2.000				
89502300	REM ELCBL FR CON	FOOT	34,084.000				
89502375		EACH	5.000				

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Item Number	Pay Item Description	Unit of Measure	Quantity	x	Unit Price	=	Total Price
89502380	REMOV EX HANDHOLE	EACH	32.000				
89502382	REMOV EX DBL HANDHOLE	EACH	5.000				
89502385	REMOV EX CONC FDN	EACH	44.000				

Project ACHSIP-0344(058) Section 2013-063TS **DuPage County** Contract 60X35 QUALITY CONTROL/QUALITY ASSURANCE OF CONCRETE MIXTURES (BDE)......114 REINFORCEMENT BARS (BDE)114 REMOVAL AND DISPOSAL OF SURPLUS MATERIALS (BDE)......120 TRACKING THE USE OF PESTICIDES (BDE)......121 TRAINING SPECIAL PROVISIONS (BDE)121 IDOT TRAINING PROGRAM GRADUATE ON-THE-JOB TRAINING SPECIAL PROVISION WEEKLY DBE TRUCKING REPORTS (BDE)......130 WORKING DAYS (BDE)......130 FUEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)......131 STEEL COST ADJUSTMENT (BDE) (RETURN FORM WITH BID)......135

Revised 04/16/2014

FAP Route 344 (IL 83)

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."

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:

(b)

Revised 04/15/2014

- (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.
 - (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.

Revised 04/16/2014

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 nonspecial 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:

All soil excavated from the Northwest quadrant of IL 83 and Third Avenue (Vacant Lot, PESA Site 2785-20, 4N600 block of IL 83). 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: Benzo(a)Pyrene, Benzo(b)Fluoranthene, Dibenzo(a,h)Anthracene, Arsenic, Lead, and Manganese. Revised 04/14/2014

- All soil excavated from the Southwest quadrant of IL 83 and Third Avenue (West Shore and Magellan Pipeline Station, PESA Site 2785-22, 4N500 block of IL 83). 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.
- All soil excavated from the Northeast quadrant of IL 83 and Third Avenue (West Shore and Magellan Pipeline Station, PESA Site 2785-22, 4N500 block of IL 83). 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: Benzo(a)Pyrene, Lead, and Manganese.
- All soil excavated from the Southeast quadrant of IL 83 and Third Avenue (Residence, PESA Site 2785-23, 4N553 block of IL 83). 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.
- All soil excavated from the Northeast quadrant of IL 83 and Grove Avenue (Fenton Community High School, PESA Site 2785-16, 1000 West Green Street). 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.
- All soil excavated from the Southeast quadrant of IL 83 and Grove Avenue (Royal Grove Apartments, PESA Site 2785-18, 1100-1182 Grove Avenue). 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: Iron, Lead, and Manganese.
- All soil excavated from the Southwest quadrant of IL 83 and Grove Avenue (Residence, PESA Site 2785-17, 143 Sherwood Drive). 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: Arsenic, Lead, and Manganese.
- All soil excavated from the Northwest quadrant of IL 83 and Hillside Drive (Residence, PESA Site 2785-10, 1201 West Hillside Drive). 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.
- All soil excavated from the Southwest quadrant of IL 83 and Hillside Drive (Residence, PESA Site 2785-12, 1202 West Hillside Drive). 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.
- All soil excavated from the Northeast quadrant of IL 83 and Hillside Drive (Vacant Lot, PESA Site 2785-11, 1117 West Hillside Drive). 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.
- All soil excavated from the Southeast quadrant of IL 83 and Hillside Drive (Residence, PESA Site 2785-13, 1114 West Hillside Drive). 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.
- All soil excavated from the Northwest quadrant of IL 83 and Foster Avenue (Shell Gasoline Station, PESA Site 2785-5, 600 North IL 83). 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.
- All soil excavated from the Southwest quadrant of IL 83 and Foster Avenue (BP Gasoline Station, PESA Site 2785-7, 550 North IL 83). 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.
- All soil excavated from the Northeast quadrant of IL 83 and Foster Avenue (St. Johns United Church of Christ, PESA Site 2785-6, 601 North IL 83). 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.
- All soil excavated from the Southeast quadrant of IL 83 and Foster Avenue (Road Ranger Gasoline Station, PESA Site 2785-8, 1188 Foster Avenue). 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: Benzo(a)Pyrene and Manganese.
- All soil excavated from the Southwest quadrant of IL 83 and Mark Street (Thorndale Office Center, PESA Site 2785-3, 1050 North IL 83). 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.
- All soil excavated from the Northeast quadrant of IL 83 and Mark Street (Center Point Business Center, PESA Site 2785-2, 2501-2591 Busse 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: Arsenic, Lead, and Manganese.
- All soil excavated from the Southeast quadrant of IL 83 and Mark Street (Center Point Business Center, PESA Site 2785-2, 2501-2591 Busse 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.

IEPA FORM 663



Illinois Environmental Protection Agency

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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 III. 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 III. 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 L	ocation Information	011				
(Describe the lo	ocation of the source o	of the uncontaminated s	oil)			
Project Name:	FAP 344 (IL 83)		Office Pho	one Number, if a	vailable:	
Physical Site L 1050 N IL 83	ocation (address, incld	duding number and stree	et):	er for the following		
City: Bensenv	ille	State: IL	Zip Code:			
County: DuPag	je		Township: 40N			
at/Long of app Latitude: 41		e in decimal degrees (D gitude: •87.95977	D.ddddd) to five dec	imal places (e.g.	., 40.67890, -9	90.12345):
(0	Decimal Degrees)	(-Decimal Deg	rees)			
Identify how	the lat/long data were Map Interpolation		on 🗌 Survey	Other		
☐ GPS			on Survey	☐ Other	BOA:	
☐ GPS EPA Site Num	Map Interpolation	☐ Photo Interpolation			BOA:	
☐ GPS EPA Site Num I. Owner/O	Map Interpolation ber(s), if assigned:	BOL:			ite Operator	portation
GPS EPA Site Num I. Owner/O	Map Interpolation ber(s), if assigned: perator Information Site Owner Illinois Department of	☐ Photo Interpolation BOL: on for Source Site of Transportation	BOW:	s	ite Operator nent of Transp	portation
GPS EPA Site Num I. Owner/O Name: Street Address	Map Interpolation ber(s), if assigned: perator Information Site Owner Illinois Department of	☐ Photo Interpolation BOL: on for Source Site of Transportation	BOW:	S Illinois Departm	ite Operator nent of Transp	portation
GPS EPA Site Num I. Owner/O Name: Street Address PO Box:	Map Interpolation ber(s), if assigned: perator Information Site Owner Illinois Department of	☐ Photo Interpolation BOL: on for Source Site of Transportation	BOW:Name: Street Address:	S Illinois Departm	iite Operator nent of Transp er Court	portation
GPS EPA Site Num I. Owner/O Name: Street Address PO Box: City:	Map Interpolation ber(s), if assigned: perator Information Site Owner Illinois Department of 201 West Center Co	BOL: on for Source Site of Transportation	Name: Street Address: PO Box:	S Illinois Departm 201 West Cente	iite Operator nent of Transp er Court	
☐ GPS	Map Interpolation ber(s), if assigned: perator Information Site Owner Illinois Department of 201 West Center Co	BOL: on for Source Site of Transportation ourt State: IL	Name: Street Address: PO Box: City:	S Illinois Departm 201 West Centre Schaumburg	iite Operator nent of Transp er Court	State: <u>IL</u>

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.

				Page 2 of 2
oject Name:	FAP 344 (IL 8	3)		
Latitude:	41.98838	Longitude	-87.95977	

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

LOCATION 2785-3-B01 WAS SAMPLED ADJACENT TO SITE No. 2785-3. SEE FIGURE 5 AND TABLE 3c OF THE REVISED PRELIMINARY SITE INVESTIGATION

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 III. 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 III. Adm. Code 1100.201(g), 1100.205(a), 1100.610]:

TESTAMERICA ANALYTICAL REPORT - TESTAMERICA JOB ID: 500-72116-3

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

I. Steven Gobelman (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 III. 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))

Ob. (LALL)	2300 South Dirksen F	Parkway
Street Address:	0.573.50	
City:	Springfield	State: IL Zip Code: 62764
Phone:	217-785-4246	WILL GOBE
Steven Gobelman,	P.E., L.P.G.	E.W. 199
Printe	d Name:	196-000598
2/		4/10/14 LICENSED PROFESSIONAL
	ssional Engineer or	Date: GEOLOGIST

THIS TABLE LISTS THE PARAMETERS ANALYZED IN SITE SOIL SAMPLES

Analytical Parameters

1,1,1-Trichloroethane	mpounds (mg/kg)
A D D T-L	
1,1,2,2-Tetrachloroetha	ine
1,1,2-Trichloroethane	
, 1-Dichloroethane	
,1-Dichloroethene	
2-Dichloroethane	
,2-Dichloropropane	
.3-Dichloropropene	
D. Assessor (NACIO)	
2-Butanone (MEK)	
2-Hexanone (MBK)	
4-Methyl-2-pentanone	(MIBK)
Acetone	
Benzene	
Bromodichloromethane	
Bromoform	
Bromomethane	
Carbon disulfide	
Carbon Tetrachloride	
Chlorobenzene	
Chloroethane	
Chloraform	
Chloromethane	
is-1,2-Dichloroethene	
is-1,3-Dichloropropen	ė .
Dibromochloromethane	
Ethylbenzene	
Anthulana chlorida	
Viethylene chloride	THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN
Methyl-tert-butyl-ether	(M) DE)
Styrene	
Tetrachloroethene	
Toluene	
rans-1,2-Dichloroether	18
rans-1,3-Dichloroprope	ane .
Trichloroethene	
/Inyl Acetate	
The Acetale	
/inyl Chloride	
Kylenes, total	
n-Xylene	
o-Xylene	
-Xylene	A Company of the Comp
>-Xylene	ic Compounds (mg/kg)
o-Xylene Semivolatile Organi	c Compounds (mg/kg)
o-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene	
o-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene	
o-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene	
o-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene	
p-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol	
p:Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	
p-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-6-Trichlorophenol 2,4-0-Trichlorophenol	
p-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-6-Trichlorophenol 2,4-0-Trichlorophenol	
p-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-6-Trichlorophenol 2,4-0-Trichlorophenol	
3-Xylene Samivolatile Organi 1,2,4-Trichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinthorophenol 2,4-Dinthorophenol 2,4-Dintrophenol 2,4-Dintrophenol 2,4-Dintrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,3-Dinitrotoluene 2,8-Dinitrotoluene	
3-Xylene Semivolatile Organi 1,24-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-6-Trichlorophenol 2,4-Dinitrophenol	
p:-Xylene Semivolatile Orqani 1,2.4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,6-Dinitrophenol 2,6-Dinitrophenol 2,6-Dinitrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,5-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene 2-Methylnaphthalene	
p:-Xylene Semivolatile Orqani 1,2.4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,6-Dinitrophenol 2,6-Dinitrophenol 2,6-Dinitrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2-Methyliphenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2-Methyliphenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene 2-Methylphenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 2-Mitrophlenol	
a-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2-Dinitrophenol 2-Chlorophenol 2-Methylnaphthalene 2-Methylnaphthalene 2-Methylphenol 2-Nitrophenol 3,3-Dichlorobenzidine	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylinaphthalene 2-Methylinaphthalene 2-Methylinaphthalene 2-Mitrophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Nitrophenol 3-Nitrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitroluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene 2-Methylphenol 2-Methylphenol 2-Methylphenol 2-Mitrophenol 3,3-Dichlorobenzidine 3,3-Dichlorobenzidine 3,3-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe	enol
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2-Chloronaphhalene 2-Chloronaphhalene 2-Methylphenol 2-Nitrophenol 2-Nitroaniline 3-Nitroaniline 3-Nitroaniline 3-Nitroaniline 4-Binitro-2-methylphe 4-Bromophenyl phenyl 4-Bromophenyl phenyl	enol ether
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4-S-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,8-Dinitrotoluene 2-Chlorophenol 2-Methylinaphthalene 2-Methylinaphthalene 2-Nitrophenol 3-Nitrophenol	enol ether
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2-Nethylphenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 3,3-Dichlorobenzidine 3,3-Dichlorobenzidine 3,5-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe 1-Bromophenyl phenyl 4-Chloro-3-methylphe 1-Chloro-3-methylphe	enol ether
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2-Nethylphenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 3,3-Dichlorobenzidine 3,3-Dichlorobenzidine 3,5-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe 1-Bromophenyl phenyl 4-Chloro-3-methylphe 1-Chloro-3-methylphe	enol ether
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3-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-S-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene 2-Methylphenol 2-Methylphenol 2-Nitrophenol 3-Nitrophenol 3-Dichlorobenzidine 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol	enol ether
p:-Xylene Semitvolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrofoluene 2,6-Dinitrofoluene 2,6-Dinitrofoluene 2-Chlorophenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 2-Nitrophenol 3,3-Dichlorobenzidine 3-Nitroaniline 4-Dinitro-2-methylphe 4-Bromophenyl phenyl 4-Chloro-3-methylphen 3-Chlorophenyl phenyl 4-Chloro-3-methylphen 4-Chlorophenyl phenyl 4-Chlorophenyl phenyl 4-Methylphenol 4-Methylphenol 4-Methylphenol 4-Methylphenol 4-Mitroaniline	enol ether
3-Xylene Semivolatile Orqani 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinthorophenol 2,4-Dinthorophenol 2,4-Dinthorophenol 2,4-Dinthrotoluene 2,6-Dintrotoluene 2,6-Dintrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Methylnaphthalene 2-Mitrophenol 2-Nitroaniline 3,5-Dichlorobenzidine 3,5-Dichlorobenzidine 3,5-Dichlorobenzidine 3,6-Dintro-2-methylphe 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Mitroaniline 4-Nitroaniline 4-Nitroaniline 4-Nitroaniline 4-Nitroaniline	enol ether
3-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chloronaphthalene 2-Chlorophenol 2-Methyliphenol 2-Methyliphenol 3-Nitroaniline 3-Nitrophenol	enol ether
p:-Xylene Semitvolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitroluene 2,6-Dinitroluene 2,6-Dinitroluene 2-Chlorophenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 3,3-Dichlorobenzidine 3,3-Dinitro-2-methylphe 4-Bromophenyl phenyl 4-Bromophenyl phenyl 4-Chloro-3-methylphen 4-Chloro-3-methylphen 4-Chlorophenyl phenyl 4-Methylphenol	enol ether
3-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chloronaphthalene 2-Methylphenol 2-Methylnaphthalene 2-Mitrophenol 3,5-Dichlorobenzidine 3,5-Dichlorobenzidine 3,5-Dichlorobenzidine 3-Nitroaniline 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Nitroaniline	enol ether
p:-Xylene Semitvolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitroluene 2,6-Dinitroluene 2,6-Dinitroluene 2-Chlorophenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 3,3-Dichlorobenzidine 3,3-Dinitro-2-methylphe 4-Bromophenyl phenyl 4-Bromophenyl phenyl 4-Chloro-3-methylphen 4-Chloro-3-methylphen 4-Chlorophenyl phenyl 4-Methylphenol	enol ether

Andrews Engineering, Inc.

1903

J. DETROSCOPPERATE AND PROCESSION

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	
ois(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	
dexachlorobutadiene	
Hexachlorocyclopentadiene	
Javanh Javanh an a	
Hexachloroethane Indeno (1,2,3-cd) pyrene	
indeno (1,2,3-cd) pyrene	
Isophorone	
Naphthalene	
Nitrobenzene	
N-Nitrosodi-n-propylamine	
N-Nitrosodiphenylamine	
Pentachlorophenol	
Phenanthrene	
Phenal	
Pyrene	
norganic Compounds, Total (mg/kg)	
Antimony	
Arsenio	
Barium	
Beryllium	
Boron	
Cadmium	
Calcium	
Chromium	
Cobalt	
Copper	
Coppe	
Iron	
Lead	
Magnesium	
Vlanganese	
Mercury	
Nickel	
Potassium	
Selenium	
Silver	
Sodium	
Thallium	
Vanadium	
Zinc	
TCLP/SPLP Inorganics (mg/L)	
Antimony	
Barjum	
Beryllium	
Boron	
Cadmium	
Chromium	
Cobalt	
iron .	
Lead	
Manganese	
Mercury	
Vidkel .	
Selenium	
Silver	
The militainer	
Thallium Zinç	

Andrews Engineering, Inc.

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.

Sample ID	2785-3-B01						
Sample Depth (ft)	0-4						
Sample Date 2/24/2014			³ F'ooulated			⁸ Class / Son	
PID	0.		Outside a	non-Metropolisan	Within Chicago	5 Metropolitan	TCLP/SPLF
Sample pH	8.2	¹ Most Stringent		Statistical Area	Comorate Limits	Statistical Area	Companisons
Matrix	Soll	MAC	MAG	MAC	MAC	MAC	Only

Andrews Engineering Inc. 3/1/2014

TNDOT20131D0T2013-057MON/663AE5 WO 057 663 Falles



<u>TestAmerica</u>

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: 500-72116-3

Client Project/Site: IDOT - Bensenville I83 - WO 057

For:

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

Attn: Mike Nelson

Authorized for release by: 3/3/2014 12:59:43 PM

Richard Wright, Senior Project Manager (708)534-5200

richard.wright@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

ent: Andrews Engineering Inc.	1410 000						TestAmeri	ca Job ID: 500-	72116-3
oject/Site: IDOT - Bensenville I83	WO 057								
ient Sample ID; 2785-3-B01							Lab Sam	ple ID: 500-7	2116-3
ate Collected: 02/24/14 10:00								Matri	x: Solid
ate Received: 02/24/14 14:15								Percent Soli	ds: 81.0
Method: 8260B - Volatile Organic	Compounds	(GC/MS)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	<0.0045		0.0045	0.0019	mg/Kg	0.	02/25/14 07:00	02/26/14 15:58	1
Benzene	<0.0045		0.0045	0,00062	mg/Kg	O	02/25/14 07:00	02/26/14 15:58	1
Bromodichloromethane	< 0.0045		0.0045	0.00078	mg/Kg	100	02/25/14 07:00	02/26/14 15:58	1
Bromoform	<0.0045		0.0045	0.0010	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
Bromomethane	<0.0045		0.0045	0.0014	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
2-Butanone (MEK)	<0.0045		0.0045	0.0016	mg/Kg	D	02/25/14 07:00	02/26/14 15:58	1
Carbon disulfide	<0,0045		0.0045	0.00067	mg/Kg	ti.	02/25/14 07:00	02/26/14 15:58	1
Carbon tetrachloride	<0.0045		0.0045	0.00082	mg/Kg	a	02/25/14 07:00	02/26/14 15:58	1
Chlorobenzene	<0.0045		0.0045	0.00046	mg/Kg	0.	02/25/14 07:00	02/26/14 15:58	-1
Chloroethane	<0,0045		0.0045	0.0012	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
Chloroform	<0.0045		0.0045	0.00052	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
Chloromethane	<0.0045		0.0045	0.00095	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
cis-1,2-Dichloroethene	<0,0045		0.0045	0.00064	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	
cis-1,3-Dichloropropene	<0.0045		0.0045	0.00059	mg/Kg	0:	02/25/14 07:00	02/26/14 15:58	1
Dibromochloromethane	< 0.0045		0.0045	0.00078	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
1,1-Dichloroethane	<0,0045		0.0045	0.00071	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
1,2-Dichloroethane	< 0.0045		0.0045	0.00067	mg/Kg	0-	02/25/14 07:00	02/26/14 15:58	1
1,1-Dichloroethene	<0.0045		0.0045	0.00073	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
1,2-Dichloropropane	<0.0045		0.0045	0.00068	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
1,3-Dichloropropene, Total	< 0.0045		0.0045	0.00059	mg/Kg	Q.	02/25/14 07:00	02/26/14 15:58	1
Ethylbenzene	< 0.0045		0.0045	0.00091	mg/Kg	D-	02/25/14 07:00	02/26/14 15:58	1
2-Hexanone	<0.0045		0.0045	0.0013	mg/Kg	0:	02/25/14 07:00	02/26/14 15:58	1
Methylene Chloride	< 0.0045		0.0045	0.0012	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
L-Methyl-2-pentanone (MIBK)	< 0.0045		0.0045	0.0012	mg/Kg	O.	02/25/14 07:00	02/26/14 15:58	1
Methyl tert-butyl ether	< 0.0045		0.0045	0.00074	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	- 1
Styrene	< 0.0045		0.0045	0.00059	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
1,1,2,2-Tetrachloroethane	< 0.0045		0.0045	0.00091	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
Tetrachloroethene	< 0.0045		0.0045	0.00069	mg/Kg	O	02/25/14 07:00	02/26/14 15:58	1
Toluene	< 0.0045		0.0045	0.00063	mg/Kg	(0)	02/25/14 07:00	02/26/14 15:58	1
trans-1,2-Dichloroethene	< 0.0045		0.0045	0.00062	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
trans-1,3-Dichloropropene	< 0.0045		0.0045	0.00081	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
1,1,1-Trichloroethane	<0,0045		0.0045	0.00067	mg/Kg	O-	02/25/14 07:00	02/26/14 15:58	
1,1,2-Trichloroethane	< 0.0045		0.0045	0.00061	mg/Kg	0	02/25/14 07:00	02/26/14 15:58	1
Trichloroethene	<0.0045		0.0045	0.00074	mg/Kg	· cr	02/25/14 07:00	02/26/14 15:58	1
Vinyl acetate	<0,0045		0.0045	0.00071	mg/Kg	ō	02/25/14 07:00	02/26/14 15:58	
Vinyl chloride	<0,0045		0.0045	0.00095	mg/Kg	o	02/25/14 07:00	02/26/14 15:58	1
Kylenes, Total	<0.0090		0.0090	0.00041	mg/Kg	a	02/25/14 07:00	02/26/14 15:58	- 1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
I-Bromofluorobenzene (Surr)	104		70 - 122				02/25/14 07:00	02/26/14 15:58	1
Dibromofluoromethane	104		75 - 120				02/25/14 07:00	02/26/14 15:58	1
1,2-Dichloroethane-d4 (Surr)	108		70 - 134				02/25/14 07:00	02/26/14 15:58	1
Toluene-d8 (Surr)	105		75 - 122				02/25/14 07:00	02/26/14 15:58	1
Method: 8270D - Semivolatile Orga	anic Compou	nds (GC/MS)							
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.19		0.19		mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
Bis(2-chloroethyl)ether	<0.19		0.19	0.058		O.	02/25/14 06:48	02/25/14 19:33	1
1,3-Dichlorobenzene	<0.19		0.19		mg/Kg	O.	02/25/14 06:48	02/25/14 19:33	1
,4-Dichlorobenzene	<0.19		0,19	0.050		ò.	02/25/14 06:48	02/25/14 19:33	1
Dr. Att. Charles and Charles	1,000		7707	200.52				Section Cont.	

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t. Andrews Engineering Inc.						TestAmeri	ca Job ID: 500-	72116-3
ct/Site: IDOT - Bensenville I83	- WO 057							
nt Sample ID: 2785-3-B01						Lab Sam	ple ID: 500-7	2116-3
Collected: 02/24/14 10:00								x: Solid
Received: 02/24/14 14:15							Percent Soll	ds: 81.0
thod; 8270D - Semivolatile Org			-7.60					
lyte	Result Qualifier	RL	MDL		D	Prepared	Analyzed	Dit Fac
Dichlorobenzene	<0.19	0.19	0.046	4 . 4	ō	02/25/14 06:48	02/25/14 19:33	1
ethylphenol	<0.19	0.19	0.062	mg/Kg	Œ	02/25/14 06:48	02/25/14 19:33	1
oxybis[1-chloropropane]	<0.19	0.19	0.045	mg/Kg	()-	02/25/14 06:48	02/25/14 19:33	t
trosodi-n-propylamine	<0.19	0.19	0.047		Q.	02/25/14 06:48	02/25/14 19:33	1
achloroethane	<0.19	0.19	0.059	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
ilorophenol	<0.19	0.19	0.066	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	- 1
benzene	<0.038	0.038	0.0097	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
2-chloroethoxy)methane	<0.19	0.19	0.039	mg/Kg	6	02/25/14 06:48	02/25/14 19:33	1
I-Trichlorobenzene	<0.19	0.19	0.042	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	
horone	<0.19		0.043	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
Dimethylphenol	<0.38	0.38	0.15	mg/Kg	0	02/25/14 06:48	02/25/14 19:33 02/25/14 19:33	- 1
achlorobutadiene	<0.19		0.061	mg/Kg	ö	02/25/14 06:48		
hthalene Dishlarashanal	<0.038	0.038	0.0060	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
Dichlorophenol Noroaniline	<0.38 <0.78	0.38	0.092	mg/Kg mg/Kg	0	02/25/14 06:48	02/25/14 19:33 02/25/14 19:33	1
	<0.78	0.38	0.18		0	02/25/14 06:48	02/25/14 19:33	1
3-Trichlorophenol 5-Trichlorophenol	<0.38	0.38	0.088	mg/Kg mg/Kg	0	02/25/14 06:48	02/25/14 19:33	. 1
	<0.78	0.78	0.22	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	- 1
achlorocyclopentadiene ethylnaphthalene	<0.038	0.038	0.0071	mg/Kg mg/Kg	0.	02/25/14 06:48	02/25/14 19:33	1
troaniline	<0.19	0.19	0.052	mg/Kg	D	02/25/14 06:48	02/25/14 19:33	
loronaphthalene	<0.19	0.19	0.043	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
nioro-3-methylphenol	<0.38	0.38	0.13	mg/Kg	o	02/25/14 06:48	02/25/14 19:33	1
Dinitrotoluene	<0.19	0,19	0.076	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
trophenol	<0.38	0.38	0.091	mg/Kg	CI	02/25/14 06:48	02/25/14 19:33	- 1
troaniline	<0.38	0.38	0.12	110 C 1	O.	02/25/14 06:48	02/25/14 19:33	1
ethyl phthalate	<0.19	0.19	0.051	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
Dinitrophenol	<0.78	0.78	0.68	mg/Kg	n	02/25/14 06:48	02/25/14 19:33	- 4
naphthylene	0.020 J	0.038	0.0051	mg/Kg	100	02/25/14 06:48	02/25/14 19:33	1
Dinitrotoluene	<0.19	0.19	0.062		0	02/25/14 06:48	02/25/14 19:33	1
naphthene	<0.038	0.038	0.0070	mg/Kg	ò	02/25/14 06:48	02/25/14 19:33	1
nzofuran	<0.19	0.19		mg/Kg	ò	02/25/14 06:48	02/25/14 19:33	. 1
trophenol	<0.78	0.78	0.37	mg/Kg	O.	02/25/14 06:48	02/25/14 19:33	1
rene	<0.038	0.038	0.0054	mg/Kg	o	02/25/14 06:48	02/25/14 19:33	1
troaniline	<0.38	0.38	0.16		b	02/25/14 06:48	02/25/14 19:33	1
omophenyl phenyl ether	<0.19	0,19	0.051	mg/Kg	o	02/25/14 06:48	02/25/14 19:33	1
achlorobenzene	<0.078	0.078	0.0090	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
nyl phthalate	<0.19	0.19	0.066	mg/Kg	O	02/25/14 06:48	02/25/14 19:33	1
lorophenyl phenyl ether	<0.19	0.19	0.045	mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
achlorophenol	<0.78	0.78		mg/Kg	Œ.	02/25/14 06:48	02/25/14 19:33	1
trosodiphenylamine	<0.19	0.19		mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
Dinitro-2-methylphenol	<0.38	0.38		mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
nanthrene	0.080	0.038		mg/Kg	0.	02/25/14 06:48	02/25/14 19:33	1
racene	0.035 J	0.038		mg/Kg	Ö	02/25/14 06:48	02/25/14 19:33	. 1
pazole	<0.19	0.19		mg/Kg	Ø.	02/25/14 06:48	02/25/14 19:33	1
butyl phthalate	<0.19	0.19		mg/Kg	0.	02/25/14 06:48	02/25/14 19:33	1
ranthene	0.26	0,038		mg/Kg	0	02/25/14 06:48	02/25/14 19:33	1
ene	0.23	0.038		mg/Kg	o-	02/25/14 06:48	02/25/14 19:33	
I benzyl phthalate	<0.19	0.19		mg/Kg	o.	02/25/14 06:48	02/25/14 19:33	1
zo[a]anthracene	0.17	0.038		mg/Kg	Q.	02/25/14 06:48	02/25/14 19:33	1

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TestAmerica Chicago

lient: Andrews Engineering Inc.	0.055						TestAmeri	ca Job ID: 500-	72116-3
roject/Site: IDOT - Bensenville 83 - W	O 057						1 -1 8	- I- ID: 500 7	0440
lient Sample ID: 2785-3-B01							Lab Sam	ple ID: 500-7	
ate Collected: 02/24/14 10:00									x: Solle
ate Received: 02/24/14 14:15								Percent Soli	ds: 81.0
Method: 8270D - Semivolatile Organic	Compou	nde ICCIMS	(Continued)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chrysene	0.19		0.038		mg/Kg	0	02/25/14 06:48	02/25/14 19:33	
3,3'-Dichlorobenzidine	<0.19		0.19		mg/Kg	O.	02/25/14 06:48	02/25/14 19:33	
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.071	1143334	Q-	02/25/14 06:48	02/25/14 19:33	
Di-n-octyl phthalate	<0.19		0.19	0.063		œ	02/25/14 06:48	02/25/14 19:33	
Benzo[b]fluoranthene	0.29		0.038	0.0084		0	02/25/14 06:48	02/25/14 19:33	
Benzo[k]fluoranthene	0.098		0.038		mg/Kg	o	02/25/14 06:48	02/25/14 19:33	
Benzo[a]pyrene	0.23		0.038	0.0075		Œ.	02/25/14 06:48	02/25/14 19:33	
ndeno[1,2,3-cd]pyrene	0.16		0.038		mg/Kg	0	02/25/14 06:48	02/25/14 19:33	
Dibenz(a,h)anthracene	0.055		0.038	0.0075		Ó	02/25/14 06:48	02/25/14 19:33	
Benzo[g,h,i]perylene	0.21		0.038		mg/Kg	0	02/25/14 06:48	02/25/14 19:33	
3 & 4 Methylphenol	<0.19		0.19		mg/Kg	0	02/25/14 06:48	02/25/14 19:33	
					447				
	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fa
2-Fluorophenol	73		25 - 110				02/25/14 06:48	02/25/14 19:33	
Phenol-d5	53		31 - 110				02/25/14 06:48	02/25/14 19:33	
Vitrobenzene-d5	57		25 - 115				02/25/14 06:48	02/25/14 19:33	
2-Fluorobiphenyl	68		25 - 119				02/25/14 06:48	02/25/14 19:33	
2,4,6-Tribromophenol	77		35 - 137				02/25/14 06:48	02/25/14 19:33	
Terphenyl-d14	98		36 _ 134				02/25/14 06:48	02/25/14 19:33	
Method: 6010B - Metals (ICP)									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Antimony	<1.2	20120000	1.2	7-7-6	mg/Kg	- n	02/26/14 10:00	02/26/14 20:52	-
Arsenic	6.7		0.60		mg/Kg	o	02/26/14 10:00	02/26/14 20:52	
Barium	64		0.60	0.065	mg/Kg	66	02/26/14 10:00	02/26/14 20:52	
Beryllium	0.62		0.24	0.048	mg/Kg	0	02/26/14 10:00	02/26/14 20:52	
Boron	8.4		3.0	0.60	mg/Kg	0	02/26/14 10:00	02/26/14 20:52	
Cadmium	0.28	В	0.12	0.015	mg/Kg	Ö	02/26/14 10:00	02/26/14 20:52	
Calcium	49000	В	120	33	mg/Kg	0	02/26/14 10:00	02/27/14 15:08	1
Chromium	17		0.60	0.070	mg/Kg	O-	02/26/14 10:00	02/26/14 20:52	
Cobalt	11		0.30	0.060	mg/Kg	0	02/26/14 10:00	02/26/14 20:52	
Topper	23		0,60	0.12	mg/Kg	0	02/26/14 10:00	02/26/14 20:52	
ron	19000		12	5.0	mg/Kg		02/26/14 10:00	02/26/14 20:52	
Lead	17		0.30	0.090	mg/Kg	0:	02/26/14 10:00	02/26/14 20:52	
Magnesium	19000	В	6.0	1.2	mg/Kg	Q-	02/26/14 10:00	02/26/14 20:52	
Wanganese	420	В	0.60	0.12	mg/Kg	0:	02/26/14 10:00	02/26/14 20:52	
Nickel	28		0,60		mg/Kg	O.	02/26/14 10:00	02/26/14 20:52	
Potassium	2100		30	1.8	mg/Kg	Œ	02/26/14 10:00	02/26/14 20:52	
Selenium	0.44	J	0.60	0.21	mg/Kg	O.	02/26/14 10:00	02/26/14 20:52	
Silver	<0.30		0.30	0.022	mg/Kg	0	02/26/14 10:00	02/26/14 20:52	
Sodium	140		60		mg/Kg	Ø.	02/26/14 10:00	02/26/14 20:52	
Thallium	< 0.60		0.60	0.26	mg/Kg	0	02/26/14 10:00	02/26/14 20:52	
Vanadium	22		0.30	0.045	mg/Kg	O	02/26/14 10:00	02/26/14 20:52	
Zinc	61		1.2	0.24	mg/Kg	0	02/26/14 10:00	02/26/14 20:52	
Method: 6010B - Metals (ICP) - TCLP									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fa
ron	<0.20		0.20		mg/L		03/01/14 13:45	03/01/14 21:40	
							03/01/14 13:45	03/01/14 21:40	
Lead	<0,0075		0.0075	0.0075	mg/L		03/01/14 13,40	03/01/14 21:40	

TestAmerica Chicago

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ent: Andrews Engineering Inc. pject/Site: IDOT - Bensenville 183	- WO 057						TestAmeri	ca Job ID: 500-	/2116-3
lient Sample ID: 2785-3-B01							Lab Sam	ple ID: 500-7	2116-3
ate Collected: 02/24/14 10:00							-		x: Solid
ate Received: 02/24/14 14:15								2.00	
Method: 6010B - Metals (ICP) - SP	D Fast								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.37	J	0.50	0.050	mg/L		02/26/14 09:30	02/26/14 21:16	1
Beryllium	<0.0040		0.0040	0.0040	mg/L		02/26/14 09:30	02/26/14 21:16	1
Boron	1.3	В	0.10	0.050	mg/L		02/26/14 09:30	02/26/14 21:16	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/26/14 09:30	02/26/14 21:16	1
Chromium	0.045		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:16	1
Cobalt	< 0.025		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:16	1
Iron	35		0.20	0.20	mg/L		02/26/14 09:30	02/26/14 21:16	1
Lead	0.033		0.0075	0.0075	mg/L		02/26/14 09:30	02/26/14 21:16	1
Manganese	0.19		0.025	0.010	mg/L		02/26/14 09:30	02/27/14 12:50	1
Nickel	0.039		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:16	1
Selenium	< 0.050		0.050	0.010	mg/L		02/26/14 09:30	02/26/14 21:16	1
Silver	< 0.025		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:16	1
Zinc	0.28	В	0.10	0.020	mg/L		02/26/14 09:30	02/26/14 21:16	1
Method: 6020A - Metals (ICP/MS) -	SPLP East								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0,0060	_	0.0060	0.0060	mg/L	_	02/26/14 09:30	02/26/14 16:01	1
Thallium	<0.0020		0.0020	0.0020	mg/L		02/26/14 09:30	02/26/14 16:01	1
Method: 7470A - Mercury (CVAA)	SPLP East								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000040	JB	0.00020	0.000020	mg/L		02/26/14 16:30	02/27/14 13:45	1
Method: 7471B - Mercury In Solid		Waste (Man					Branged	Anahmad	DII Ess
Analyte	0.028	Qualifier	0.018	3/14-	Unit mg/Kg	— D	Prepared 02/25/14 14:45	Analyzed 02/26/14 11:52	DII Fac
Mercury	0.028		0.018	0.0071	mg/kg		02/20/14 14:45	02/20/14 11:52	,
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
- 100 C	17.5 4 3674	-1.10-11-71				-	1.4240.460.46	Current	

TestAmerica Chicago

	vs Engineering Inc. TestAmerica Job ID: 500-72116-3 DOT - Bensenville 183 - WO 057
Qualifiers	AND STATE OF THE PROPERTY OF T
GC/MS Semi	VPA
Qualifier	Qualifier Description
seculities	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
	result is less that the NE but greater than or equal to the MDE and the concentration is an approximate value.
Metals	
Qualifier	Qualifier Description
В	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
0	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
DLG	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NG	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
POL	Practical Quantitation Limit
OC .	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)

TestAmerica Chicago

Client Cont	act	Laborator	У						Proje	ct Nan	ne: J	LL	83	2	e A	ege (20		COC No.:			
Andrews Fn	gineering, Inc.	Lab: Test	America -	Chicago)											15.00			of			
	Creek Drive	Address:	2417 Bon	d Street					Proje	ct No.:	2	=DO	To	201	3-0	57			Lab Job No.:			
Springfield, I			University		6048	34													500-72116			
217-787-233		Phone:	708-534-5						TAT:	115	BD	□10	BD	□ 5.8	BD [72 BD	Ot	her	77477			
Contact: Co	@andrews-eng.com	and the last of th	Dick Wrig																Sample Temp:			
		email: ric	chard.wrig	ht@test	amer	icaino	c.com	1	Samp	oler:			CAR	5-I)								
Special Instr											AM	ALYS	SES						Matrix Key:			
See Table 2 f	for complete parameter lists and	minimum repor	ting limits.									S			c				W: Water			
	RA metal (mg/kg) result exceeds		y Characteri	istics								Metals			atic				S: Soil			
Limit (Table	e 3), run TCLP for that specific F	ICRA metal.					120					Σ			Sir				SL: Sludge S: Sediment			
* 16 CDI D	with managed a Class I Object to an	- TO D (H				20	<u>-</u>			cte				L; Leachate			
II SPLH Fes	sult exceeds Class I Standard, ru	n ICLP for tha	і ѕреспіс ра	rameter.			MTBE		S		Metals	TCLP		-5	ara				DW: Drinking Water			
					3	co	×	1	ide	191	Σ	*		ds	5	1			OL: Oil O: Other			
Lab ID	Sample ID	Sample Date	Sample Time	Matrix	VOCs	SVOCs	BETX &	PNAs	Pesticides	PCBs	* Total	SPLP/**	H	% Solids	Waste Characterization				Comments			
3	2785-3-BOI	2/24/14	10:00	S	X	X		-			X	X	X	V					9-4			
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Illinois Environmental Protection Agency

Page 1 of 2

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 III. 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 III. 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.

	cation of the source of th				
Project Name: I	The second secon			one Number, if a	vailable:
Physical Site Lo 1100 Block of B	cation (address, incldud usse Road	ing number and stre	et):		
City: Bensenvil	le S	tate: IL	Zip Code:		
County: DuPage	e		Township: 40N		
Lat/Long of app Latitude: 41.	roximate center of site in		D.ddddd) to five ded	cimal places (e.g	., 40.67890, -90.12345):
Identify how to	he lat/long data were det	termined:			
☐ GPS [☐ Photo Interpolati		☐ Other	BOA:
GPS [GPA Site Numb	Map Interpolation [per(s), if assigned: perator Information Site Owner	BOL: 0314143001	BOW:	S	Site Operator
GPS [GPS [GEPA Site Numb II. Owner/Op Name:	Map Interpolation Der(s), if assigned: Derator Information Site Owner Illinois Department of To	Photo Interpolati BOL: 0314143001 for Source Site ransportation	BOW:	Illinois Departn	Site Operator ment of Transportation
GPS [GPS [GPA Site Numb II. Owner/Op Name: Street Address:	Map Interpolation [per(s), if assigned: perator Information Site Owner	Photo Interpolati BOL: 0314143001 for Source Site ransportation	BOW:Name:Street Address	Illinois Departn	Site Operator ment of Transportation
GPS [GPS [GPA Site Numb II. Owner/Op Name: Street Address: PO Box:	Map Interpolation Der(s), if assigned: Derator Information Site Owner Illinois Department of To	Photo Interpolati BOL: 0314143001 for Source Site ransportation	BOW: Name: Street Address PO Box:	Illinois Departn	Site Operator ment of Transportation
GPS [EPA Site Numb II. Owner/Op Name: Street Address: PO Box: City:	Map Interpolation [per(s), if assigned: perator Information Site Owner Illinois Department of Ti 201 West Center Court Schaumburg	BOL: 0314143001 for Source Site ransportation	BOW: Name: Street Address PO Box: City:	Illinois Departn 201 West Cent	Site Operator nent of Transportation er Court
☐ GPS [Map Interpolation [per(s), if assigned: perator Information Site Owner Illinois Department of Ti 201 West Center Court Schaumburg	BOL: 0314143001 for Source Site ransportation State: IL	BOW: Name: Street Address PO Box:	Illinois Departn 201 West Cent	Site Operator nent of Transportation er Court State: IL

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 2 Management Center.

LPC 663 Rev. 8/2012 Management Center.

11 532-2922

Page 2 of 2

Project Name: FAP 344 (IL 83)

Latitude: 41,98879 Longitude: +87,95952

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 III. Adm. Code 1100.610(a)]:

LOCATION 2785-4-B02 WAS SAMPLED ADJACENT TO SITE No. 2785-4. SEE FIGURE 6 AND TABLE 3d OF THE REVISED PRELIMINARY SITE INVESTIGATION

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 III. 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 III. Adm. Code 1100.201(g), 1100.205(a), 1100.610];

TESTAMERICA ANALYTICAL REPORT - TESTAMERICA JOB ID: 500-72116-4

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

(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: 217-785-4246

Steven Gobelman, P.E., L.P.G.

Printed Name: PROFESSIONAL

Licensed Professional Engineer or Licensed Professional Geologist Signature:

Date: Design and Environment

Zip Code: 62764

Licensed Professional Engineer or Licensed Professional Geologist Signature:

THIS TABLE LISTS THE PARAMETERS ANALYZED IN SITE SOIL SAMPLES

Analytical Parameters

1,1,1-Trichloroethane	mpounds (mg/kg)
A D D T-L	
1,1,2,2-Tetrachloroetha	ine
1,1,2-Trichloroethane	
, 1-Dichloroethane	
,1-Dichloroethene	
2-Dichloroethane	
,2-Dichloropropane	
.3-Dichloropropene	
D. Assessor (NACIO)	
2-Butanone (MEK)	
2-Hexanone (MBK)	
4-Methyl-2-pentanone	(MIBK)
Acetone	
Benzene	
Bromodichloromethane	
Bromoform	
Bromomethane	
Carbon disulfide	
Carbon Tetrachloride	
Chlorobenzene	
Chloroethane	
Chloraform	
Chloromethane	
is-1,2-Dichloroethene	
is-1,3-Dichloropropen	ė .
Dibromochloromethane	
Ethylbenzene	
Anthulana chlorida	
Viethylene chloride	THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN COLUMN TO SERVICE AND ADDRESS OF THE PARTY NAMED IN
Methyl-tert-butyl-ether	(M) DE)
Styrene	
Tetrachloroethene	
Toluene	
rans-1,2-Dichloroether	18
rans-1,3-Dichloroprope	ane .
Trichloroethene	
/Inyl Acetate	
The Acetale	
/inyl Chloride	
Kylenes, total	
n-Xylene	
o-Xylene	
-Xylene	A Company of the Comp
>-Xylene	ic Compounds (mg/kg)
o-Xylene Semivolatile Organi	c Compounds (mg/kg)
o-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene	
o-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene	
o-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene	
o-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene	
p-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol	
p:Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4,6-Trichlorophenol	
p-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-6-Trichlorophenol 2,4-0-Trichlorophenol	
p-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-6-Trichlorophenol 2,4-0-Trichlorophenol	
p-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-6-Trichlorophenol 2,4-0-Trichlorophenol	
3-Xylene Samivolatile Organi 1,2,4-Trichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinthorophenol 2,4-Dinthorophenol 2,4-Dintrophenol 2,4-Dintrophenol 2,4-Dintrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol 2,4-Dimitrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,3-Dinitrotoluene 2,8-Dinitrotoluene	
3-Xylene Semivolatile Organi 1,24-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-6-Trichlorophenol 2,4-Dinitrophenol	
p:-Xylene Semivolatile Orqani 1,2.4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,6-Dinitrophenol 2,6-Dinitrophenol 2,6-Dinitrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,5-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene 2-Methylnaphthalene	
p:-Xylene Semivolatile Organi 1,2.4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,6-Dinitrophenol 2,6-Dinitrophenol 2,6-Dinitrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2-Methyliphenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2-Methyliphenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene 2-Methylphenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 2-Mitrophlenol	
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p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylinaphthalene 2-Methylinaphthalene 2-Methylinaphthalene 2-Mitrophenol 2-Nitrophenol 2-Nitrophenol 2-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Dinitrophenol 3-Nitrophenol 3-Nitrophenol	
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitroluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene 2-Methylphenol 2-Methylphenol 2-Methylphenol 2-Mitrophenol 3,3-Dichlorobenzidine 3,3-Dichlorobenzidine 3,3-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe	enol
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2-Chloronaphhalene 2-Chloronaphhalene 2-Methylphenol 2-Nitrophenol 2-Nitroaniline 3-Nitroaniline 3-Nitroaniline 3-Nitroaniline 4-Binitro-2-methylphe 4-Bromophenyl phenyl 4-Bromophenyl phenyl	enol ether
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4-S-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,8-Dinitrotoluene 2-Chlorophenol 2-Methylinaphthalene 2-Methylinaphthalene 2-Nitrophenol 3-Nitrophenol	enol ether
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2-Nethylphenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 3,3-Dichlorobenzidine 3,3-Dichlorobenzidine 3,5-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe 1-Bromophenyl phenyl 4-Chloro-3-methylphe 1-Chloro-3-methylphe	enol ether
p:-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2-Nethylphenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 3,3-Dichlorobenzidine 3,3-Dichlorobenzidine 3,5-Dinitro-2-methylphe 4,6-Dinitro-2-methylphe 1-Bromophenyl phenyl 4-Chloro-3-methylphe 1-Chloro-3-methylphe	enol ether
a-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrobluene 2-Chloronaphhalene 2-Chloronaphhalene 2-Methylphenol 2-Methylnaphthalene 2-Nitroaniline 3-Nitroaniline 3-Nitroaniline 4-Chloro-3-methylphe 4-Chloro-3-methylphe 4-Chloro-3-methylphe 4-Chloro-3-methylphe 4-Chloro-3-methylphe 4-Chloro-3-methylphe 4-Chlorophenyl phenyl 4-Chloro-3-methylphe 4-Chlorophenyl phenyl	enol ether
3-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-S-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chlorophenol 2-Methylnaphthalene 2-Methylphenol 2-Methylphenol 2-Nitrophenol 3-Nitrophenol 3-Dichlorobenzidine 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol 3-Nitrophenol	enol ether
p:-Xylene Semitvolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrofoluene 2,6-Dinitrofoluene 2,6-Dinitrofoluene 2-Chlorophenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 2-Nitrophenol 3,3-Dichlorobenzidine 3-Nitroaniline 4-Dinitro-2-methylphe 4-Bromophenyl phenyl 4-Chloro-3-methylphen 3-Chlorophenyl phenyl 4-Chloro-3-methylphen 4-Chlorophenyl phenyl 4-Chlorophenyl phenyl 4-Methylphenol 4-Methylphenol 4-Methylphenol 4-Methylphenol 4-Mitroaniline	enol ether
3-Xylene Semivolatile Orqani 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinthorophenol 2,4-Dinthorophenol 2,4-Dinthorophenol 2,4-Dinthrotoluene 2,6-Dintrotoluene 2,6-Dintrotoluene 2-Chloronaphthalene 2-Chlorophenol 2-Methylnaphthalene 2-Mitrophenol 2-Nitroaniline 3,5-Dichlorobenzidine 3,5-Dichlorobenzidine 3,5-Dichlorobenzidine 3,6-Dintro-2-methylphe 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Mitroaniline 4-Nitroaniline 4-Nitroaniline 4-Nitroaniline 4-Nitroaniline	enol ether
3-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chloronaphthalene 2-Chlorophenol 2-Methyliphenol 2-Methyliphenol 3-Nitroaniline 3-Nitrophenol	enol ether
p:-Xylene Semitvolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitroluene 2,6-Dinitroluene 2,6-Dinitroluene 2-Chlorophenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 3,3-Dichlorobenzidine 3,3-Dinitro-2-methylphe 4-Bromophenyl phenyl 4-Bromophenyl phenyl 4-Chloro-3-methylphen 4-Chloro-3-methylphen 4-Chlorophenyl phenyl 4-Methylphenol	enol ether
3-Xylene Semivolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,2-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 1,4-Dichlorobenzene 2,4-5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrotoluene 2,6-Dinitrotoluene 2-Chloronaphthalene 2-Chloronaphthalene 2-Methylphenol 2-Methylnaphthalene 2-Mitrophenol 3,5-Dichlorobenzidine 3,5-Dichlorobenzidine 3,5-Dichlorobenzidine 3-Nitroaniline 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Chloro-3-methylphenol 4-Nitroaniline	enol ether
p:-Xylene Semitvolatile Organi 1,2,4-Trichlorobenzene 1,2-Dichlorobenzene 1,3-Dichlorobenzene 1,3-Dichlorobenzene 1,4-Dichlorobenzene 2,4,5-Trichlorophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitrophenol 2,4-Dinitroluene 2,6-Dinitroluene 2,6-Dinitroluene 2-Chlorophenol 2-Methylphenol 2-Methylphenol 2-Methylphenol 3,3-Dichlorobenzidine 3,3-Dinitro-2-methylphe 4-Bromophenyl phenyl 4-Bromophenyl phenyl 4-Chloro-3-methylphen 4-Chloro-3-methylphen 4-Chlorophenyl phenyl 4-Methylphenol	enol ether

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1.40.3

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THIS TABLE LISTS THE PARAMETERS ANALYZED IN SITE SOIL SAMPLES

Analytical Parameters

Renzo (h) fluoranth	anic Compounds (mg/kg) (cont.)
Benzo (b) fluoranth	
Benzo (g.h.i) peryle	
Benzo (k) fluoranth	
Bis(2-chloroethoxy)	methane
Bis(2-chloroethyl)et	her
ois(2-chloroisoprop	yl\elher
Dia/2 - ethologoprop	(inter-
Bis(2-ethylhexyl)ph	naiate
Butyl benzyl phthal:	ate
Carbazole	
Chrysene	
Dibenzo (a,h) anthr	anene
	abelio .
Dibenzofuran	
Diethyl phthalate	
Dimethyl phthalate	
Di-n-butyl phthalate	
Di-n-octyl phthalate	
Diffrootyl primarate	
Fluoranthene	
Fluorene	
Hexachlorobenzene	
Hexachlorobutadier	
Hexachlorocyclope	niaciene
Hexachloroethane Indeno (1,2,3-cd) p	
indeno (1,2,3-cd) p	yrene
Isophorone	
Naphthalene	
Mitrohanaana	
Nitrobenzene	
N-Nitrosodi-n-propy	lamine
N-Nitrosodiphenyla	mine
Pentachlorophenol	
Phenanthrene	
Phenol	
Pyrene	and the said of th
norganic Comp	bunds, Total (mg/kg)
Antimony	serior rotal indicat
Arsenio	
Barium	
Beryllium	
Boron	
Cadmium	
Calcium	
Chromium	
Cobalt	
Copper	
Iron	
Lead	
Magnesium	
Manganese	
Mercury	
Nickel	
Potassium	
Selenium	
Silver	
Sodium	
The Warren	
Thallium	
Vanadium	
Zinc	
TCLP/SPLP Inorga	anics (mg/L)
Antimony	Para Language of A
Barium	
Beryllium	
Boron	
Cadmium	
Chromium	
Cobalt	
Iron	
Lead	
Manganese	
Mercury	
Nickel	
Saleniimi	
Selenium Silver	

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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.

TNDOT20131DOT2013-057/MON1663/AE5 WO 057 663 Faules

Sample ID	2785-4-B02-1	2785-4-B02-2						
Sample Depth (ft)	0-7	7-14			The contract	-6.000-		
Sample Date	2/24/2014	2/24/2014	1		Populated non-	Chicago		8 Class I Soil
PID	0 :	D	1	Outside a	Metropolitan	Corporate	⁶ Metropolitan	TGLP/SPLP
Sample pH	7.7	7.63	Most Stringent		Statistical Area	Limits	Statistical Area	Compansons
Matrix	Seit	Sel	MAC	MAC	MAC	MAC	MAC	Only



<u>TestAmerica</u>

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: 500-72116-4

Client Project/Site: IDOT - Bensenville I83 - WO 057

For:

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

Attn: Mike Nelson

Authorized for release by: 3/3/2014 1:00:38 PM

Richard Wright, Senior Project Manager (708)534-5200

richard.wright@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

				ient: Andrews Engineering Inc. oject/Site: IDOT - Bensenville I83 - WO 057								
2116-6	ple ID: 500-7:	Lab Samp						-B02-1	ient Sample ID: 2785-4-I			
x: Solid												
ds: 86.0	Date Received: 02/24/14 14:15 Percent Solid											
							CCIME	rania Campaunda /	Method: 8260B - Volatile Orga			
Dil Fac	Analyzed	Prepared	D	Unit	MDL	RL	Qualifier	And the second s	Analyte			
50	02/26/14 13:53	02/24/14 09:15	ō	mg/Kg	-	0.28	- Contained	<0.28	Acetone			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.0042	0.014		<0.014	Benzene			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.019	0.11		<0.11	Bromodichloromethane			
50	02/26/14 13:53	02/24/14 09:15	0.	mg/Kg	0.025	0.11		<0.11	Bromoform			
50	02/26/14 13:53	02/24/14 09:15	b	mg/Kg	0.039	0.11		<0.11	Bromomethane			
50	02/26/14 13:53	02/24/14 09:15	n	mg/Kg	0.083	0.28		<0.28	2-Butanone (MEK)			
50	02/26/14 13:53	02/24/14 09:15	e.	mg/Kg	0.024	0.28		<0.28	Carbon disulfide			
50	02/26/14 13:53	02/24/14 09:15	a	mg/Kg	0.015	0.057		<0.057	Carbon tetrachloride			
50	02/26/14 13:53	02/24/14 09:15	o	mg/Kg	0.0081	0.057		<0.057	Chlorobenzene			
50	02/26/14 13:53	02/24/14 09:15	o	mg/Kg		0,11		<0.11	Chloroethane			
50	02/26/14 13:53	02/24/14 09:15	101	mg/Kg	0.012	0.057		<0.057	Chloroform			
50	02/26/14 13:53	02/24/14 09:15	o	mg/Kg	0.026	0.11		<0.11	Chloromethane			
50	02/26/14 13:53	02/24/14 09:15	OF	mg/Kg	0.0070	0.057		<0.057	sis-1,2-Dichloroethene			
50	02/26/14 13:53	02/24/14 09:15	o.	mg/Kg	0.010	0.057		<0.057	cis-1,3-Dichloropropene			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.020	0,11		<0.11	Dibromochloromethane			
50	02/26/14 13:53	02/24/14 09:15	QF	mg/Kg	0.010	0.057		<0.057	I, 1-Dichloroethane			
50	02/26/14 13:53	02/24/14 09:15	o.	mg/Kg	0.016	0.057		<0.057	.2-Dichloroethane			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.017	0.057		₹0.057	, 1-Dichloroethene			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.011	0.057		<0.057	,2-Dichloropropane			
50	02/26/14 13:53	02/24/14 09:15	o.	mg/Kg	0.010	0.057		<0.057	,3-Dichloropropene, Total			
50	02/26/14 13:53	02/24/14 09:15	(DF	mg/Kg	0.0071	0.014		<0.014	Ethylbenzene			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.032	0.28		<0.28	-Hexanone			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.039	0.28		<0.28	Methylene Chloride			
50	02/26/14 13:53	02/24/14 09:15	o.	mg/Kg	0.019	0.28		<0.28	-Methyl-2-pentanone (MIBK)			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.024	0.11		<0.11	Methyl tert-butyl ether			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.0056	0.057		<0.057	Styrene			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.013	0.057		<0.057	1,1,2,2-Tetrachloroethane			
50	02/26/14 13:53	02/24/14 09:15	o	mg/Kg	0.0095	0.057		< 0.057	l'etrachloroethene			
50	02/26/14 13:53	02/24/14 09:15	(0-	mg/Kg	0.0065	0.014		<0.014	Foluene			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.014	0.057		<0.057	rans-1,2-Dichloroethene			
50	02/26/14 13:53	02/24/14 09:15	6	mg/Kg	0.012	0.057		<0.057	rans-1,3-Dichloropropene			
50	02/26/14 13:53	02/24/14 09:15	O-	mg/Kg	0.011	0.057		<0.057	1,1,1-Trichloroethane			
50	02/26/14 13:53	02/24/14 09:15	0	mg/Kg	0.016	0.057		<0.057	1,1,2-Trichloroethane			
50	02/26/14 13:53	02/24/14 09:15	(T)	mg/Kg	0.011	0.028		<0.028	Trichloroethene			
50	02/26/14 13:53	02/24/14 09:15	ō.	mg/Kg	0.019	0.11		<0.11	/inyl acetate			
50	02/26/14 13:53	02/24/14 09:15	b	mg/Kg	0.0059	0.014		< 0.014	/inyl chloride			
50	02/26/14 13:53	02/24/14 09:15	n	mg/Kg	200	0.028		<0.028	Kylenes, Total			
DII Fac	Analyzed	Prepared				Limits	Qualitier	%Recovery	Surrogate			
50	02/26/14 13:53	02/24/14 09:15				75 - 120	-	100	1-Bromofluorobenzene (Surr)			
50	02/26/14 13:53	02/24/14 09:15				75 - 120		108	Dibromofluoromethane			
50	02/26/14 13:53	02/24/14 09:15				75 - 125		113	,2-Dichloroethane-d4 (Surr)			
50	02/26/14 13:53	02/24/14 09:15				75 - 120		108	oluene-d8 (Surr)			
							(CC0.00)	e Orangia Comp	Anthodi 0070D Cambridge			
Dil Fac	Analyzed	Prepared	D	Unit	MDL		Qualifier		Method: 8270D - Semivolatile Inalyte			
Dil Fac	02/25/14 20:23	02/25/14 06:48	10	mg/Kg		0.19	actainter .	<0.19	Phenol			
	Strategic and season	02/25/14 06:48	o.	mg/Kg mg/Kg					Pienoi Bis(2-chloroethyl)ether			
1	02/25/14 20:23	02/25/14 06:48	0			0.19		<0.19 <0.19				
	02/25/14 20:23	02/25/14 06:48	ò.	mg/Kg					1,3-Dichlorobenzene			
1	02/25/14 20:23	02/25/14 06:48	0	mg/Kg	0.048	0,19		<0.19	,4-Dichlorobenzene			

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ient: Andrews Engineering Inc. oject/Site: IDOT - Bensenville I83		TestAmerica Job ID: 500-72116-4									
Client Sample ID: 2785-4-B02-1 Lab Sample ID: 500-72116-											
											Date Received: 02/24/14 14:15 Percent Solids
no moderna and miss third								7.51.49.11.2011	20. 20.0		
Method: 8270D - Semivolatile Organity		nds (GC/MS) (C Qualifier	Continued)	MDL	Unit	D	Prepared	Analyzed	Dit Fac		
,2-Dichlorobenzene	<0.19		0.19	0.045	mg/Kg	õ	02/25/14 06:48	02/25/14 20:23	1		
-Methylphenol	<0.19		0.19	0.060	mg/Kg	Ø.	02/25/14 06:48	02/25/14 20:23	- 1		
2'-oxybis[1-chloropropane]	<0.19		0.19	0.044	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	t		
l-Nitrosodi-n-propylamine	<0.19		0.19	0.046	mg/Kg	Q.	02/25/14 06:48	02/25/14 20:23	1		
lexachloroethane	<0.19		0.19	0.057	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
-Chlorophenol	<0.19		0.19	0.064	mg/Kg	O-	02/25/14 06:48	02/25/14 20:23			
litrobenzene	< 0.037		0.037	0.0094	mg/Kg	Q.	02/25/14 06:48	02/25/14 20:23	1		
lis(2-chloroethoxy)methane	<0.19		0.19	0.038	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	- 1		
,2,4-Trichlorobenzene	<0.19		0.19	0.041	mg/Kg	6	02/25/14 06:48	02/25/14 20:23	1		
sophorone	<0.19		0.19	0.042	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
,4-Dimethylphenol	<0.37		0.37	0.14	mg/Kg	0	02/25/14 06:48	02/25/14 20:23			
lexachlorobutadiene	<0.19		0.19	0.059	mg/Kg	o	02/25/14 06:48	02/25/14 20:23			
laphthalene	0.13		0.037	0.0058	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
4-Dichlorophenol	<0.37		0.37	0.089	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
-Chloroaniline	<0.76		0.76	0.18	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
4,6-Trichlorophenol	<0.37		0.37	0.13	mg/Kg	Ø.	02/25/14 06:48	02/25/14 20:23	1		
4,5-Trichlorophenol	<0.37		0.37	0.086	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
lexachlorocyclopentadiene	<0.76		0.76	0.22	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
-Methylnaphthalene	0.11		0,037	0.0069	mg/Kg	D	02/25/14 06:48	02/25/14 20:23	1		
Nitroaniline	<0.19		0.19	0.051	mg/Kg	D	02/25/14 06:48	02/25/14 20:23	1		
-Chloronaphthalene	⊲0.19		0.19	0.042	mg/Kg	D	02/25/14 06:48	02/25/14 20:23	1		
-Chloro-3-methylphenol	<0.37		0,37	0.13	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
6-Dinitrotoluene	<0.19		0.19	0.074	mg/Kg	Q.	02/25/14 06:48	02/25/14 20:23	1		
-Nitrophenol	<0.37		0.37	0.089	mg/Kg	a	02/25/14 06:48	02/25/14 20:23	1		
Nitroaniline	<0.37		0.37	0.12		0.	02/25/14 06:48	02/25/14 20:23	1		
Dimethyl phthalate	<0.19		0.19	0.049	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
4-Dinitrophenol	<0.76		0.76	0.66	mg/Kg	ō.	02/25/14 06:48	02/25/14 20:23	1		
cenaphthylene	<0.037		0.037	0.0050	mg/Kg	20	02/25/14 06:48	02/25/14 20:23	1		
4-Dinitrotoluene	<0.19		0,19	0.060	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
cenaphthene	0.085	5	0.037	0.0068	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
Dibenzofuran	0,000	J.	0.19	0.044	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
-Nitrophenol	<0.76		0.76	0.36	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	4		
luorene	0.061		0.037	0.0053	mg/Kg	O.	02/25/14 06:48	02/25/14 20:23	1		
-Nitroaniline	<0.37		0.37	0.16	mg/Kg	6	02/25/14 06:48	02/25/14 20:23	1		
-Bromophenyl phenyl ether	<0.19		0.19	0.050	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
lexachlorobenzene	<0.076		0.076	0.0087	mg/Kg	O.	02/25/14 06:48	02/25/14 20:23	1		
Olethyl phthalate	<0.19		0.19	0.064	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		
-Chlorophenyl phenyl ether Pentachlorophenol	<0.19 <0.76		0.19	0.044	mg/Kg	G.	02/25/14 06:48	02/25/14 20:23 02/25/14 20:23	1		
'entachlorophenol I-Nitrosodiphenylamine	7.7			0.60	mg/Kg	o					
	<0.19		0.19		mg/Kg	D.	02/25/14 06:48	02/25/14 20:23 02/25/14 20:23	1		
6-Dinitro-2-methylphenol			0.037		mg/Kg	0.	02/25/14 06:48	02/25/14 20:23			
herianthrene nthracene	0,29		0.037	0.0052	4.00	d	02/25/14 06:48	02/25/14 20:23	1		
arbazole	<0.19		0.037		mg/Kg	Q.	02/25/14 06:48	02/25/14 20:23			
arpazole i-n-butyl phthalate	<0.19		0.19		mg/Kg mg/Kg	0	02/25/14 06:48	02/25/14 20:23			
luoranthene	0.15		0.19	0.057		0	02/25/14 06:48	02/25/14 20:23			
	0.15		0.037		mg/Kg mg/Kg	o-	02/25/14 06:48	02/25/14 20:23			
lyrene	<0.19		0.037			0.	02/25/14 06:48	02/25/14 20:23	1		
Butyl benzyl phthalate Benzo[a]anthracene	0.044		0.037	0.0051	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1		

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ient: Andrews Engineering Inc.	1410 007						TestAmeri	ca Job ID: 500-	72116-4
oject/Site: IDOT - Bensenville [83	2000								
lient Sample ID: 2785-4-B02	2-1						Lab Sam	ple ID: 500-7	2116-6
ate Collected: 02/24/14 09:15								Matri	x: Solid
ate Received: 02/24/14 14:15								Percent Soli	ds: 86.0
Method: 8270D - Semivolatile Org	anic Compan	nde ICCIM	(Continued)						
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	0.056	-	0.037	0.010	mg/Kg	- 6	02/25/14 06:48	02/25/14 20:23	1
.3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	o.	02/25/14 06:48	02/25/14 20:23	1
lis(2-ethylhexyl) phthalate	<0.19		0.19	0.069	mg/Kg	Q-	02/25/14 06:48	02/25/14 20:23	
i-n-octyl phthalate	<0.19		0.19	0.061	mg/Kg	Œ.	02/25/14 06:48	02/25/14 20:23	1
enzo[b]fluoranthene	0.047		0.037	0.0081	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1
lenzo[k]fluoranthene	0.018	1.	0.037	0.011	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1
enzo[a]pyrene	0.031	J	0.037	0.0073	mg/Kg	Œ.	02/25/14 06:48	02/25/14 20:23	1
ndeno[1,2,3-cd]pyrene	0.020	J	0.037	0.0097	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	1
Dibenz(a,h)anthracene	<0.037		0.037	0.0073	mg/Kg	Ġ.	02/25/14 06:48	02/25/14 20:23	
enzo[g,h,i]perylene	0.041		0.037	0.012	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	- 1
& 4 Methylphenol	<0.19		0.19	0.063	mg/Kg	0	02/25/14 06:48	02/25/14 20:23	
2	-0.13		0.10	0.003	marria		TELEVITY VV. 70		
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
-Fluorophenol	78		25 - 110				02/25/14 06:48	02/25/14 20:23	1
Phenol-d5	49		31 - 110				02/25/14 06:48	02/25/14 20:23	1
litrobenzene-d5	52		25 - 115				02/25/14 06:48	02/25/14 20:23	1
-Fluorobiphenyl	55		25 - 119				02/25/14 06:48	02/25/14 20:23	1
2,4,6-Tribromophenol	75		35 - 137				02/25/14 06:48	02/25/14 20:23	1
Terphenyl-d14	103		36 - 134				02/25/14 06:48	02/25/14 20:23	1
Method: 6010B - Metals (ICP)									
nalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ntimony	<1.1		1.1	0.45	mg/Kg	n	02/26/14 10:00	02/26/14 21:15	1
rsenic	9.9		0.56	0.11	mg/Kg	0	02/26/14 10:00	02/26/14 21:15	1
Barium	55		0.56	0.060	mg/Kg	56	02/26/14 10:00	02/26/14 21:15	1
Seryllium	0.54		0.22	0.045	mg/Kg	a	02/26/14 10:00	02/26/14 21:15	1
loron	12		2.8	0.56	mg/Kg	0	02/26/14 10:00	02/26/14 21:15	1
admium	0.27	В	0.11	0.014	mg/Kg	iO.	02/26/14 10:00	02/26/14 21:15	1
alcium	59000	В	110	30	mg/Kg	0	02/26/14 10:00	02/27/14 15:20	10
hromium	14		0.56	0.065	mg/Kg	Ø.	02/26/14 10:00	02/26/14 21:15	1
Cobalt	18		0.28	0.056	mg/Kg	0	02/26/14 10:00	02/26/14 21:15	1
opper	35		0.56	0.11	mg/Kg	O	02/26/14 10:00	02/26/14 21:15	1
ron	19000		11	4.6	mg/Kg	.00	02/26/14 10:00	02/26/14 21:15	1
ead	28		0.28	0.083	mg/Kg	0	02/26/14 10:00	02/26/14 21:15	1
Magnesium	27000	В	5.6	1.2	mg/Kg	Q-	02/26/14 10:00	02/26/14 21:15	- 1
Manganese	340	В	0.56	0.11	mg/Kg	0:	02/26/14 10:00	02/26/14 21:15	1
lickel	35		0.56	0.11	mg/Kg	O.	02/26/14 10:00	02/26/14 21:15	1
otassium	2300		28	1.7	mg/Kg	O	02/26/14 10:00	02/26/14 21:15	1
elenium	0.71		0.56		mg/Kg	O.	02/26/14 10:00	02/26/14 21:15	- 1
Silver	<0.28		0.28	0.020	mg/Kg	0	02/26/14 10:00	02/26/14 21:15	1
odium	720		56		mg/Kg	Ø.	02/26/14 10:00	02/26/14 21:15	1
hallium	0.56		0.56		mg/Kg	0	02/26/14 10:00	02/26/14 21:15	- 1
'anadium	17		0.28		mg/Kg	Ø.	02/26/14 10:00	02/26/14 21:15	1
inc	69		1.1		mg/Kg	0-	02/26/14 10:00	02/26/14 21:15	1
			310	-	9.0		Ca Mill College	4	
	PLP East								
vietnod: 6010B - Metals (ICP) - Si		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
ALTERNATION OF THE PROPERTY OF	Result				_				
nalyte	0,21		0.50	0.050	mg/L		02/26/14 09:30	02/26/14 21:40	- 1
Wethod: 6010B - Metals (ICP) - Si Analyte Barium Beryllium			0.50 0.0040	0.050 0.0040			02/26/14 09:30 02/26/14 09:30	02/26/14 21:40 02/26/14 21:40	1

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		Clien	t Sample	Results					
lient: Andrews Engineering I							TestAmeri	ca Job ID: 500-	72116-4
lient Sample ID: 2785-	4-B02-1						Lab Sam	ple ID: 500-7	2116-6
ate Collected: 02/24/14 09:	15								x: Solid
ate Received: 02/24/14 14:1	5								
Method: 6010B - Metals (IC			120	-	100.00		Allen	Article San	-0.2
Analyte		Qualifier	RL		Unit	D	Prepared	Analyzed	Dit Fac
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/26/14 09:30	02/26/14 21:40	1
Chromium	<0.025		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:40	1
Cobalt	<0.025		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:40	
Iron	0.45		0.20	0.20	mg/L		02/26/14 09:30	02/26/14 21:40	1
Lead	<0,0075		0.0075	0.0075	mg/L		02/26/14 09:30	02/26/14 21:40	1
Manganese	0.090		0.025	0.010	mg/L		02/26/14 09:30	02/27/14 13:21	1
Nickel	<0.025		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:40	1
Selenium	<0.050		0.050	0.010	mg/L		02/26/14 09:30	02/26/14 21:40	1
Silver	<0.025		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:40	1
Zinc	0.19	В	0.10	0.020	mg/L		02/26/14 09:30	02/26/14 21:40	1
Method: 6020A - Metals (IC	P/MS) - SPLP East								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0,0060			02/26/14 09:30	02/26/14 16:29	1
Thallium	<0.0020		0.0020	0.0020	mg/L		02/26/14 09:30	02/26/14 16:29	1
Method: 7470A - Mercury (CVAA) - SPLP East								
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000052	JB	0.00020	0.000020	mg/L		02/26/14 16:30	02/27/14 13:59	1
Method: 7471B - Mercury in	Solid or Semisolid	Waste (Mar	nual Cold Vap	or Techni	que)				
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.019	0.0074	mg/Kg	0	02/25/14 14:45	02/26/14 12:01	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.70		0.200	0.200	SU	_		02/27/14 15:17	1

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Internded: 32:00B - Volatite Organic Compounds (GC/MS) inality Result Qualifier R.L. MOL. Unit D Propered Analyzed Dil Propered Compounds (GC/MS) inality Result Qualifier R.L. MOL. Unit D Propered Analyzed Dil Propered Compounds (GC/MS) Compounds	ent: Andrews Engineering Inc.	02 1410 057						TestAmeri	ca Job ID: 500-	72116-4
Mathus 25 Received: 02/24/14 014-15 Percent 30-lids : 81 Received: 02/24/14 14-15 Percent 30-lids : 81 Received: 02/24/14 14-16 Percent 30-lids : 81 Received: 02/24/14 14-17 Received: 04/24/14 Rec										
Method: 2826B - Volatite Organic Compounds (GC/MS) Inalyse Result Quelifier RL MDL Unit. D Prepared Analysed Dil 1 Prepared Dil 1 Prepared Dil 1 Dil	lient Sample ID; 2785-4-B	02-2						Lab Sam	ple ID: 500-7	2116-7
Method: 9260B - Volatile Organic Compounds (GC/MS) RL MOL Unit D Prepared Analyzed Dail	ate Collected: 02/24/14 09:20								Matr	x: Solid
Acedone	ate Received: 02/24/14 14:15								Percent Soli	ds: 81.9
Newtone 0.0088	Method: 8260B - Volatile Organ	nic Compounds	(GC/MS)							
Benzene		Result	Qualifier		A Committee	27.7			-	Dil Fac
Remode/horomethane	Acetone					1.00				1
Semendarm		<0.0047			0.00065	mg/Kg		02/25/14 07:00	02/26/14 17:09	1
Beautinne -0.047									Car all all the form	1
Butanone (MEK)	W. M. T. T. T. W. M.								The second secon	1
Carbon disulfide						1.00				1
Carbon tetrachloride						100			The second of the second of	1
Chlorobenzene									The second of the second	1
Chioroethane										1
Chloroferm						11.50				1
Chloromethane										1
Section Company Comp										1
Dichmonthromethane						CILTUTE I				1
						1000				1
1,1-Dichlorosthane										1
1,2-Dichloroethane										1
1.1-Dichloroethene	A Marie Control of the Control of th									1
1,2-Dichloropropene	May 2 rest of the control of the con	2017410								1
3.Dichloropropene, Total 40.0047 0.0047 0.00052 mg/kg 0.0225/14 07:00 0.0226/14 17:09										1
Checked Chec					0.0000					1
Self-examone <0.0047 0.0047 0.0014 mg/kg 0.0225/14 07:00 0.0226/14 17:09										1
Activation Act										1
Methyl terk-butyl ether						7.37				1
All the property Control Contr										1
Styrene <0.0047 0.0047 0.0062 mg/kg 0.02/25/14 07:00 0.2/26/14 17:09						177.00				1
1,1,2,2-Tetrachloroethane	and the same of th					2				1
Tetrachloroethene										1
Toluene						12/2				1
rans-1,2-Dichloroethene					C 100 5 8 8	3.3		LV-3 W. STAN	And the Control of the Control	1
trans-1,3-Dichloropropene						140				4
1,1-Trichloroethane										1
1,1,2-Trichloroethane						24.0				1
Composition										1
Vinyl acetate										4
Winyl chloride <0,0047 0,0047 0,0009 mg/Kg 0 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00										1
Surrogate										
Surrogate	The state of the s	20 4774								1
4-Bromofluorobenzene (Surr) 101 70 - 122 02/25/14 07:00 02/25/14 07:00 02/26/14 17:09 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 0	Kylenes, Total	<0.0095		0.0095	0.00043	mg/Kg	a	02/25/14 07:00	02/26/14 17:09	1
2-Dichloroenfluoromethane	Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
1,2-Dichloroethane-d4 (Surr) 105 70 - 134 02/25/14 07:00 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 17:09 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14 07:00 02/25/14	-Bromofluorobenzene (Surr)	101		70 - 122					02/26/14 17:09	1
Method: 8270D - Semivolatile Organic Compounds (GC/MS) Analyte Result Qualifier RL MIDL Unit D Prepared Analyzed Dil F	Dibromofluoromethane	107		75 - 120				02/25/14 07:00	02/26/14 17:09	1
Method: 8270D - Semivolatile Organic Compounds (GC/MS) Analyte Result Qualifier RL MIDL Unit D Prepared Analyzed Dill F Phenol <0.19 0.19 0.085 mg/Kg 0 02/25/14 06:48 02/25/14 21:45 Bis(2-chloroethyl)ether <0.19 0.19 0.057 mg/Kg 0 02/25/14 06:48 02/25/14 21:45	1,2-Dichloroethane-d4 (Surr)	105		70 - 134				02/25/14 07:00		1
Analyte Result Qualifier RL NDL Unit D Prepared Analyzed Dil F Phenol <0.19	Toluene-d8 (Surr)	103		75 - 122				02/25/14 07:00	02/26/14 17:09	1
Analyte Result Qualifier RL NDL Unit D Prepared Analyzed Dil F Phenol <0.19	Method: 8270D - Semivolatile (Organic Compou	nds (GC/MS)							
Phenol <0.19 0.19 0.085 mg/Kg 02/25/14 06:48 02/25/14 21:45 3is(2-chloroethyl)ether <0.19 0.19 0.057 mg/Kg 02/25/14 06:48 02/25/14 21:45					MDL	Unit	D	Prepared	Analyzed	Dil Fac
3is(2-chloroethyl)ether <0.19 0.19 0.057 mg/Kg 0 02/25/14 06:48 02/25/14 21:45									-	1
[17] [18] [18] [18] [18] [18] [18] [18] [18							0.	2.0 6.00		1
							0:			1
1,4-Dichlorobenzene <0.19 0.19 0.049 mg/Kg 0 02/25/14 06:48 02/25/14 21:45							ò		The state of the s	1

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ient: Andrews Engineering Inc. oject/Site: IDOT - Bensenville I8	33 - WO 057					restAmen	ca Job ID: 500-	/2116-4
lient Sample ID: 2785-4-B0	12-2					Lab Sam	ple ID: 500-7	2116-7
ate Collected: 02/24/14 09:20								x: Solid
ate Received: 02/24/14 14:15							Percent Soli	
water a Santa Employee								
Method; 8270D - Semivolatile O Analyte	rganic Compounds (GC Result Qualifier	(Continued) RL	MDL	Unit	D	Prepared	Analyzed	Dit Fac
1,2-Dichlorobenzene	⊲0.19	0.19	0.046	mg/Kg	ō	02/25/14 06:48	02/25/14 21:45	1
2-Methylphenol	<0.19	0.19	0.061	mg/Kg	O.	02/25/14 06:48	02/25/14 21:45	- 1
2,2'-oxybis[1-chloropropane]	<0.19	0.19	0.044	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	t
N-Nitrosodi-n-propylamine	<0.19	0.19	0.047	mg/Kg	Q.	02/25/14 06:48	02/25/14 21:45	1
Hexachloroethane	⊲0.19	0.19	0.058	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
2-Chlorophenol	<0.19	0.19	0.065	mg/Kg	0-	02/25/14 06:48	02/25/14 21:45	- 1
Nitrobenzene	<0.038	0.038	0.0095		Ģ.	02/25/14 06:48	02/25/14 21:45	1
Bis(2-chloroethoxy)methane	<0.19	0.19	0.039	100 700 1000	0	02/25/14 06:48	02/25/14 21:45	-1
1,2,4-Trichlorobenzene	<0.19	0,19	0.041	mg/Kg	Ġ.	02/25/14 06:48	02/25/14 21:45	
Isophorone	<0.19	0.19	0.043		0	02/25/14 06:48	02/25/14 21:45	1
2,4-Dimethylphenol	<0.38	0.38	0.14	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	
Hexachlorobutadiene	<0.19	0,19	0.060	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
Naphthalene	<0.038	0.038	0.0059	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
2,4-Dichlorophenol	<0.38	0,38	0.091	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
4-Chloroaniline	<0.77	0.77	0.18	mg/Kg	O	02/25/14 06:48	02/25/14 21:45	1
2,4,6-Trichlorophenol	<0.38	0.38	0.13		0.	02/25/14 06:48	02/25/14 21:45	- 1
2,4,5-Trichlorophenol	<0.38	0,38	0.087	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
Hexachlorocyclopentadiene	<0.77	0,77	0.22	7 7	0	02/25/14 06:48	02/25/14 21:45	1
2-Methylnaphthalene	<0.038	0.038	0.0070	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
2-Nitroaniline	<0.19	0.19	0.051	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
2-Chloronaphthalene	<0.19	0.19	0.042		Ö	200 000 130 000	200	
4-Chloro-3-methylphenol	<0.39	0,38	0.13		0.	02/25/14 06:48	02/25/14 21:45	1
2,6-Dinitrotoluene	<0.19 <0.38	0,19	0.075	mg/Kg	CI	02/25/14 06:48	02/25/14 21:45	1
2-Nitrophenol 3-Nitroaniline	<0.38 <0.38	0.38	0.090		o.	02/25/14 06:48	02/25/14 21:45	1
Simethyl phthalate	<0.19	0.19	0.050		0	02/25/14 06:48	02/25/14 21:45	1
2,4-Dinitrophenol	<0.77	0.77	0.67		n	02/25/14 06:48	02/25/14 21:45	1
Acenaphthylene	<0.038	0.038	0.0050	200	0	02/25/14 06:48	02/25/14 21:45	1
2,4-Dinitrotoluene	<0.19	0.19	0.061	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
Acenaphthene	<0.038	0.038	0.0069		à	02/25/14 06:48	02/25/14 21:45	1
Dibenzofuran	<0.19	0.19	0.0005	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
4-Nitrophenol	<0.77	0.77	0.36	mg/Kg	0.	02/25/14 06:48	02/25/14 21:45	1
Fluorene	<0.038	0.038	0.0054	mg/Kg	a	02/25/14 06:48	02/25/14 21:45	1
4-Nitroaniline	<0.38	0.38	0.16		b	02/25/14 06:48	02/25/14 21:45	1
1-Bromophenyl phenyl ether	<0.19	0.19	0.050	mg/Kg	o	02/25/14 06:48	02/25/14 21:45	1
Hexachlorobenzene	<0.077	0.077	0.0088		Q.	02/25/14 06:48	02/25/14 21:45	1
Diethyl phthalate	<0.19	0.19	0.065	1.50	O.	02/25/14 06:48	02/25/14 21:45	1
4-Chlorophenyl phenyl ether	<0.19	0.19	0.045	0.40.4	0	02/25/14 06:48	02/25/14 21:45	- 1
Pentachlorophenol	<0.77	0.77	0.61	mg/Kg	Œ.	02/25/14 06:48	02/25/14 21:45	1
N-Nitrosodiphenylamine	<0.19	0.19		mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
1,6-Dinitro-2-methylphenol	<0.38	0.38	0.31	1	0	02/25/14 06:48	02/25/14 21:45	- 1
Phenanthrene	<0.038	0.038		mg/Kg	0.	02/25/14 06:48	02/25/14 21:45	1
Anthracene	<0,038	0.038	0.0064		o	02/25/14 06:48	02/25/14 21:45	-1
Carbazole	<0.19	0.19		mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
Di-n-butyl phthalate	<0.19	0.19		mg/Kg	0.	02/25/14 06:48	02/25/14 21:45	1
Fluoranthene	<0.038	0,038		mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
Pyrene	<0.038	0.038		mg/Kg	0	02/25/14 06:48	02/25/14 21:45	
Butyl benzyl phthalate	<0.19	0.19		mg/Kg	Ó.	02/25/14 06:48	02/25/14 21:45	1
Benzo[a]anthracene	<0.038	0.038		mg/Kg	9	02/25/14 06:48	02/25/14 21:45	1

TestAmerica Chicago

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ient: Andrews Engineering Ind							restAmen	ca Job ID: 500-	/2116-4
oject/Site: IDOT - Bensenville	and the second						11.15.20	-1- ID:	0445
ient Sample ID: 2785-4-	B02-2						Lab Sam	ple ID: 500-7	
te Collected: 02/24/14 09:20									x: Solid
te Received: 02/24/14 14:15								Percent Soli	ds. 81.9
Method: 8270D - Semivolatile		nds (GC/Ms	S) (Continued)	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chrysene	<0.038		0.038	0.010	mg/Kg	7	02/25/14 06:48	02/25/14 21:45	1
3'-Dichlorobenzidine	<0.19		0.19	0.053	mg/Kg	O.	02/25/14 06:48	02/25/14 21:45	- 1
is(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	(CF	02/25/14 06:48	02/25/14 21:45	
i-n-octyl phthalate	<0.19		0.19	0.062	mg/Kg	o.	02/25/14 06:48	02/25/14 21:45	1
enzo[b]fluoranthene	<0.038		0.038	0.0082	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
enzo[k]fluoranthene	< 0.038		0.038	0.011	1.00	O-	02/25/14 06:48	02/25/14 21:45	1
enzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	Q.	02/25/14 06:48	02/25/14 21:45	1
ndeno[1,2,3-cd]pyrene	<0.038		0.038	0.0099	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1
ibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	6	02/25/14 06:48	02/25/14 21:45	1
enzo[g,h,i]perylene	0.012	J	0.038	0.012		0	02/25/14 06:48	02/25/14 21:45	1
& 4 Methylphenol	<0.19		0.19	0.064	mg/Kg	0	02/25/14 06:48	02/25/14 21:45	1.0
27.5									
urrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
-Fluorophenol	66		25 - 110				02/25/14 06:48	02/25/14 21:45	1
thenol-d5	47		31 - 110				02/25/14 06:48	02/25/14 21:45	1
litrobenzene-d5	53		25 - 115				02/25/14 06:48	02/25/14 21:45	1
-Fluorobiphenyl	.57		25 - 119				02/25/14 06:48	02/25/14 21:45	1
,4,6-Tribromophenol	76		35 - 137				02/25/14 06:48	02/25/14 21:45	1
erphenyl-d14	93		36 - 134				02/25/14 06:48	02/25/14 21:45	1
Method: 6010B - Metals (ICP)		2 36	52.	****		- 2	E. 70.	64.000	5.2
nalyte		Qualifier	RL	MDL		- D	Prepared	Analyzed	Dil Fac
ntimony	<1.2		1.2	0.46	mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
rsenic	8.2		0.58	0.11	mg/Kg	8	02/26/14 10:00	02/26/14 21:20	1
Sarium	39		0.58	0.062	mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
Seryllium	0.62		0.23	0.046	mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
loron	9.4	2	2.9	0.58	mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
admium	0.24		0.12	0.015	mg/Kg	o.	02/26/14 10:00	02/26/14 21:20	- 3
alcium	28000	В	12		mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
hromium	18		0.58		mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
obalt	12		0.29		mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
opper	22		0,58	0.12		6	02/26/14 10:00	02/26/14 21:20	1
on	24000		12		mg/Kg	0.	02/26/14 10:00	02/26/14 21:20	1
ead	14	-	0.29	0.086	mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
Magnesium	19000	В	5.8		mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
langanese	220	В	0.58		mg/Kg	0.	02/26/14 10:00	02/26/14 21:20	1
lickel	35		0.58			0	02/26/14 10:00	02/26/14 21:20	1
otassium	2600		29		mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
Selenium	<0.58		0.58		mg/Kg		02/26/14 10:00	02/26/14 21:20	1
ilver	<0.29		0.29		mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
Codium	130		58		mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
hallium	<0.58		0.58		mg/Kg	0	02/26/14 10:00	02/26/14 21:20	- 1
'anadium	21		0.29		mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
linc	70		1.2	0.23	mg/Kg	0	02/26/14 10:00	02/26/14 21:20	1
Jathod: 8010B - Matole (ICB)	- SDI D Fact								
Viethod: 6010B - Metals (ICP)		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
arium	0.17	-	0.50	0.050	_	_=	02/26/14 09:30	02/26/14 21:44	1
eryllium	<0,0040	-	0.0040	0.0040			02/26/14 09:30	02/26/14 21:44	1
Boron	1.1	В	0.10	0.050			02/26/14 09:30	02/26/14 21:44	1
NIAU.	1.1	-	0.10	2.000					

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	14	Cilen	t Sample	Results			-	11.10.000	
ient: Andrews Engineering In oject/Site: IDOT - Bensenvil							TestAmeri	ca Job ID: 500-	/2116-4
lient Sample ID: 2785-4	-B02-2						Lab Sam	ple ID: 500-7	2116-7
ate Collected: 02/24/14 09:20							-		x: Solid
ate Received: 02/24/14 14:15	i							9.00	
Method: 6010B - Metals (ICP) - SPLP East (Con	tinued)							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/26/14 09:30	02/26/14 21:44	1
Chromium	<0.025		0.025	0.010	10.90		02/26/14 09:30	02/26/14 21:44	1
Cobalt	<0.025		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:44	1.7
Iron	0.88		0.20	0.20	mg/L		02/26/14 09:30	02/26/14 21:44	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/26/14 09:30	02/26/14 21:44	1
Manganese	0.026		0.025	0.010	mg/L		02/26/14 09:30	02/27/14 13:26	1
Nickel	<0.025		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:44	1
Selenium	<0.050		0.050	0.010	mg/L		02/26/14 09:30	02/26/14 21:44	1
Silver	<0.025		0.025	0.010	mg/L		02/26/14 09:30	02/26/14 21:44	1
Zinc	0.16	В	0.10	0.020	mg/L		02/26/14 09:30	02/26/14 21:44	1
Method: 6020A - Metals (ICP	/MS) - SPLP East								
Analyte	Result	Qualifier	RL	3,000	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0,0060			02/26/14 09:30	02/26/14 16:32	1
Thallium	<0.0020		0.0020	0.0020	mg/L		02/26/14 09:30	02/26/14 16:32	1
Method: 7470A - Mercury (C									
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0,000060	JB	0.00020	0.000020	mg/L		02/26/14 16:30	02/27/14 14:01	1
Method: 7471B - Mercury in									
Analyte	21.00	Qualifier	RL	22.750	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.028		0.019	0.0075	mg/Kg	0	02/25/14 14:45	02/26/14 12:03	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.63		0.200	0.200	SU			02/27/14 15:18	1

TestAmerica Chicago

	Definitions/Glossary
	vs Engineering Inc. TestAmerica Job ID: 500-72116- DOT - Bensenville 183 - WO 057
Qualifiers	
GC/MS Semi	VOA
Qualifier	Qualifier Description
)	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
В	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
F†	MS and/or MSD Recovery exceeds the control limits
4	MS. MSD: The analyte present in the original sample is greater than 4 times 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.
0	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)
POL	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)

TestAmerica Chicago

lent Cont	act	Laborator	у						Proje	ct Nan	nel -	TL	83	3 0	Que	Page	Co		COC No.:
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300 Ginger	Creek Drive	-	2417 Bon		-				Proje	d No.	1	Do	T	20	13-	057		- 1	Lab Job No.:
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Special Instr	uctions;	ensa. Ita	and want	THE ROOM	T T	CAITIS	A Security		Ontri	1017		IALYS		IL-					Matrix Key:
ee Table 2 f	or complete parameter lists and mi	nimum repon	ting limits.									מט			6	-1			W. Water
Limit (Table	(A metal (mg/kg) result exceeds the o 3), run TCLP for that specific RCI utt exceeds Class i Standard, run	RA metal.			S	soc	BETX & MTBE	SI	Pesticides	SS	Total Metals	SPLP/** TCLP Metals		% Solids	Waste Characterization				S: Sol SL: Sludge S: Sediment L: Leachate DW: Drinking Water OL: Oil O: Other
Lab ID	Sample ID	Sample Date	Sample Time	Matrix	VOCs	SVOCs	BET	PNAs	Pest	PCBs	• To	SPL	Hd	8 %	Was				Comments
4	2785-4-BOI-1	2/24/14	9:35	5	X	X					X	X	X	X				4.1	0-7.5
5	2785-4-BOI-2	2/24/14	9:40	5	X	X		7			X	X	X	X			100		7.5-15
6	2785-4-B02-1	2/24/14	9:15	5	X	X		0			X	X	X	X				11.	0-7
7	2785-4-BOZ-2	2/24/14	9:20	5	X	X		2 1	H		X	X	X	X)-4 -1				7-14
	è				=												H		
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LPC 663 Rev. 8/2012 Management Center.

Illinois Environmental Protection Agency

Page 1 of 2

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 III. 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 III. 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.

	-AD 044 (III 00)		TO AN TELEVISION OF THE PROPERTY.
Project Name: F			one Number, if available:
Pnysical Site Lo 5N200 Block of	cation (address, inclduding number and stre	et):	
City: Bensenvil		Zip Code:	
County: DuPage		Township: 40N	
Lat/Long of app	oximate center of site in decimal degrees (D	DD.ddddd) to five dec	imal places (e.g., 40.67890, -90.12345):
Latitude: 41.	95535 Longitude: -87.95955		
(De	ecimal Degrees) (-Decimal Deg	grees)	
Identify how the	ne lat/long data were determined:		
	ne lat/long data were determined: ☑ Map Interpolation □ Photo Interpolati	ion Survey	Other
		ion Survey	Other
☐ GPS [☑ Map Interpolation ☐ Photo Interpolati	Survey	Other BOA:
☐ GPS [☑ Map Interpolation ☐ Photo Interpolati		
☐ GPS [Map Interpolation Photo Interpolation BOL;	BOW:	BOA:
☐ GPS [Map Interpolation Photo Interpolation Proto Interp	BOW:	BOA:Site Operator
GPS [Map Interpolation Photo Interpolation BOL;	BOW:	BOA:
GPS [GPS [GEPA Site Numb II. Owner/Op Name:	Map Interpolation Photo Interpolation Proto Interp	BOW:	BOA: Site Operator Illinois Department of Transportation
GPS [EPA Site Numb II. Owner/Op Name: Street Address:	Map Interpolation Photo Interpolation BOL: Derator Information for Source Site Site Owner Illinois Department of Transportation	BOW:	BOA: Site Operator Illinois Department of Transportation
GPS [EPA Site Numb II. Owner/Op Name: Street Address: PO Box:	Map Interpolation Photo Interpolation BOL: Derator Information for Source Site Site Owner Illinois Department of Transportation	BOW: Name: Street Address:	BOA: Site Operator Illinois Department of Transportation
GPS [GPS [GPS] GPS [GPS]	Map Interpolation Photo Interpolation Der(s), if assigned: BOL: Derator Information for Source Site Site Owner Illinois Department of Transportation 201 West Center Court	BOW: Name: Street Address: PO Box:	BOA: Site Operator Illinois Department of Transportation 201 West Center Court
GPS [Map Interpolation Photo Interpolation Der(s), if assigned: BOL: Derator Information for Source Site Site Owner Illinois Department of Transportation 201 West Center Court Schaumburg State: IL	Name: Street Address: PO Box: City:	Site Operator Illinois Department of Transportation 201 West Center Court Schaumburg State: IL

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

Page 2 of 2

Project Name: FAP 344 (IL 83)

Latitude: 41.95535 Longitude: -87.95955

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

LOCATION 2785-19-B03 WAS SAMPLED ADJACENT TO SITE No. 2785-19. SEE FIGURE 3 AND TABLE 3I OF THE REVISED PRELIMINARY SITE INVESTIGATION

b. Analytical soil testing results to show that soil chemical constituents comply with the maximum allowable concentrations established pursuant to 35 III. 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 III. Adm. Code 1100.201(g), 1100.205(a), 1100.610];

TESTAMERICA ANALYTICAL REPORT - TESTAMERICA JOB ID: 500-72231-9

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

I. Steven Gobelman (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 LCS 5/22,51 or 22.51a] and 35 III. 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))

Illinois Department of Transportation, Bureau of Design and Environment Company Name: 2300 South Dirksen Parkway Street Address: Springfield Zip Code: 62764 City: State: milling 217-785-4246 Phone: Steven Gobelman, P.E., L.P.G. Printed Name: 196-000598 Date LICENSED Licensed Professional Engineer or Licensed Professional Geologist Signature:

THIS TABLE LISTS THE PARAMETERS ANALYZED IN SITE SOIL SAMPLES

Analytical Parameters

1,1,1-Trichloroethar 1,1,2,2-Tetrachloroe	
1 1 2 2-Letrachioros	16
THELE TOBEROTHOTOL	thane
1,1,2-Trichloroethan	n∉
1,1-Dichloroethane	
1,1-Dichloroethene	+-
1,2-Dichloroethane	
1,2-Dichloropropane	
1,3-Dichloropropens	¥
2-Butanone (MEK)	
2-Hexanone (MBK)	
4-Methyl-2-pentano	ne (MIBK)
Acetone	
Benzene	
Bromodichlorometh	101.
	ane
Bromoform	
Bromomethane	
Carbon disulfide	
Carbon Tetrachlorid	e ·
Chlorobenzene	
Chloroethane	
Chloroform	
Chloromethane	
is-1,2-Dichloroethe	ne
is-1,3-Dichloroprop	pene
Dibromochlorometh	
Ethylhogana and	DITO.
Ethylbenzene	
Methylene chloride	7.100
Methyl-tert-butyl-eth	ier (MTBE)
Styrene	
Tetrachloroethene	
Toluene	
rans-1,2-Dichloroet	thone
rans 1,2-Dichloroet	mene
rans-1,3-Dichloropr	ropene
Trichloroethene	
Vinyl Acetate	
Vinyl Chloride	
Xylenes, total	
m-Xylene	
m-Xylene o-Xylene	
m-Xylene o-Xylene p-Xylene	
m-Xylene p-Xylene p-Xylene Semivolatile Orq	anic Compounds (mg/kg)
m-Xylene o-Xylene p-Xylene Semivolatile Orq	
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m-Xylene b-Xylene b-Xylene c-Xylene c-X	ene e e e ol
m-Xylene o-Xylene o-Xylene o-Xylene J. Z.4-Trichlorobenzen 1,3-Dichlorobenzen 1,3-Dichlorobenzen 1,4-Dichlorobenzen 2,4,5-Trichlorophen 2,4-Dichlorophenol 2,4-Dimethylphenol 2,4-Dintrophenol 2,4-Dintrophenol 2,4-Dintrophenol 2,4-Dintrophenol 2,4-Dintrophenol 2,4-Dintrophenol 2,4-Dintrophenol 2,4-Dintrophenol 2,4-Dintrophenol	ene e e e ol
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Andrews Engineering, Inc.

1.40 =

U DST/019/Tunylogy LC U Fyee LL

THIS TABLE LISTS THE PARAMETERS ANALYZED IN SITE SOIL SAMPLES

Analytical Parameters

Renzo (h) fluor	Organic Compounds (mg/kg) (cont.)
	anthene
Benzo (g.h.i) p	
Benzo (k) fluor	
Bis(2-chloroeth	oxy)methane
Bis(2-chloroeth	vhether
is(2-chloroiso	
is(2-ethylhex)	() ob the late
hand because ab	thelate
Butyl benzyl ph	maiate
Carbazole	
Chrysene	
Olbenzo (a,h) a	nthracene
Dibenzofuran	
Diethyl phthala	iė.
imethyl phtha	late
Di-n-butyl phth	
Di-n-octyl phth	nate
lugranthene	
luorene	
lexachlorober	zene
exachlorobut	
lexachlorocyc	
lexachloroeth:	
ndeno (1,2,3-c	d) pyrene
sophorone	- W. C.
laphthalene	
litrobenzene	
	ronviamine
I-Nitrosodi-n-p	rupylamine -
i-Nitrosodiphe	nyramine
Pentachloroph	anol
henanthrene	
henol	
yrene	
	Committee of the Commit
	mpounds, Total (mg/kg)
Antimony	
Arsenio	
Barium	
Beryllium	
Boron	
admium	
Calcium	
Chromium	
Cobalt	
Copper	
ron	
.ead	
/lagnesium	
Nanganese	
Aercury	
lickel	
otassium	
Selenium	
Silver	
odium	
hallium	
/anadium	
inc	- 1 11 10
	and the second of the second o
	organics (mg/L)
Antimony	
Banum	
Beryllium	
Boron	
Cadmium	
hromium	
Cobalt	
ron	
ead	
Manganese	
Acrount	
Aercury	
Mercury Vickel	
Aercury	
Aercury lickel	
Aeroury Jickel Selenium	

Andrews Engineering, Inc.

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.

T VDOT2013/IDOT2013-057/MON/663/AE5 WO 057 663 Fattes.

Sample ID	2785-19-B03-1	2785-19-B03-2				1		
Sample Depth (ft)	0-7	7-14	1					
Sample Date	2/25/2014	2/25/2014			⁵ Populated			E Elása I Soli
PID	0.	0	1	Outside s	non-Metropolitan	4 Within Chicago	⁵ Metropolitan	TGLP/SPLP
Sample pH	7.5	8.19	¹ Most Stringent	Populated Area	Statistical Area	Corporate Limits		Companisons
Matrix	Soll	Soil	MAC	MAC	MAC	MAC	MAC	DINY

3/7/2014



<u>TestAmerica</u>

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: 500-72231-9

Client Project/Site: IDOT - Bensenville I83 - WO 057

For:

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

Attn: Mike Nelson

Authorized for release by: 3/5/2014 4:13:25 PM

Richard Wright, Senior Project Manager (708)534-5200

richard.wright@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

lient: Andrews Engineering Inc. roject/Site: IDOT - Bensenville		Client	and a				TestAmeri	ca Job ID: 500-	72231-9
lient Sample ID: 2785-19-	-B03-1						Lab Samp	le ID: 500-72	231-29
ate Collected: 02/25/14 14:25									x: Solid
ate Received: 02/26/14 10:00								Percent Soli	
ne negeriou. outporte lette	11.0							T Crock Con	42. 00.0
Wethod: 8260B - Volatile Orga		GC/MS) Qualifier	RL	MEN	Unit	D	Prepared	Analyzed	Dil Fac
Analyte	0.039	Qualifici	0.0054	0.0023		0	02/26/14 11:05	03/01/14 06:18	Di Fac
enzene	<0.0054		0.0054	0.00074	mg/Kg	10	02/26/14 11:05	03/01/14 06:18	1
romodichloromethane	< 0.0054		0.0054	0.00093	0.00	0	02/26/14 11:05	03/01/14 06:18	
romoform	<0.0054		0.0054	0.0012		0.	02/26/14 11:05	03/01/14 06:18	1
Promomethane	<0.0054		0.0054	0.0016		b	02/26/14 11:05	03/01/14 06:18	1
-Butanone (MEK)	0.0055		0.0054	0.0020	mg/Kg	D	02/26/14 11:05	03/01/14 06:18	1
Carbon disulfide	<0,0054		0.0054	0.00081	mg/Kg	ci.	02/26/14 11:05	03/01/14 06:18	1
Carbon tetrachloride	<0.0054		0.0054	0.00099	mg/Kg	a	02/26/14 11:05	03/01/14 06:18	1
Chlorobenzene	<0.0054		0.0054	0.00055	1000	O.	02/26/14 11:05	03/01/14 06:18	1
Chloroethane	<0,0054		0.0054	0.0015		o	02/26/14 11:05	03/01/14 06:18	1
Chloroform	<0.0054		0.0054	0.00062		b	02/26/14 11:05	03/01/14 06:18	1
Chloromethane	< 0.0054		0.0054	0.0011	mg/Kg	0	02/26/14 11:05	03/01/14 06:18	1
sis-1,2-Dichloroethene	<0,0054		0.0054	0.00077		OF	02/26/14 11:05	03/01/14 06:18	1
is-1,3-Dichloropropene	<0.0054		0.0054	0.00071	mg/Kg	ò.	02/26/14 11:05	03/01/14 06:18	1
Dibromochloromethane	<0.0054		0.0054	0.00094	mg/Kg	0	02/26/14 11:05	03/01/14 06:18	1
,1-Dichloroethane	<0,0054		0.0054	0.00086	1077	(OF	02/26/14 11:05	03/01/14 06:18	1
2-Dichloroethane	<0.0054		0.0054	0.00080		O.	02/26/14 11:05	03/01/14 06:18	1
,1-Dichloroethene	≺0.0054		0.0054	0.00087	mg/Kg	· in	02/26/14 11:05	03/01/14 06:18	1
.2-Dichloropropane	<0.0054		0.0054	0.00082		0	02/26/14 11:05	03/01/14 06:18	1
,3-Dichloropropene, Total	< 0.0054		0.0054	0.00071	mg/Kg	Q.	02/26/14 11:05	03/01/14 06:18	1
thylbenzene	<0.0054		0.0054	0.0011	mg/Kg	(DF	02/26/14 11:05	03/01/14 06:18	- 1
-Hexanone	<0.0054		0.0054	0.0016	mg/Kg	0	02/26/14 11:05	03/01/14 06:18	1
Methylene Chloride	< 0.0054		0.0054	0.0015	200	0.	02/26/14 11:05	03/01/14 06:18	1
-Methyl-2-pentanone (MIBK)	< 0.0054		0.0054	0.0014	mg/Kg	o.	02/26/14 11:05	03/01/14 06:18	
Methyl tert-butyl ether	< 0.0054		0.0054	0.00089	mg/Kg	0.	02/26/14 11:05	03/01/14 06:18	- 4
Styrene	< 0.0054		0.0054	0.00071	mg/Kg	0	02/26/14 11:05	03/01/14 06:18	1
1,1,2,2-Tetrachioroethane	< 0.0054		0.0054	0.0011	mg/Kg	D-	02/26/14 11:05	03/01/14 06:18	1
etrachloroethene	< 0.0054		0.0054	0.00083	mg/Kg	0	02/26/14 11:05	03/01/14 06:18	- 1
oluene	< 0.0054		0.0054	0.00076	3 4	(CF	02/26/14 11:05	03/01/14 06:18	4
rans-1,2-Dichloroethene	< 0.0054		0.0054	0.00074	mg/Kg	o	02/26/14 11:05	03/01/14 06:18	1
rans-1,3-Dichloropropene	<0.0054		0.0054	0.00097		0	02/26/14 11:05	03/01/14 06:18	1
,1,1-Trichloroethane	<0.0054		0.0054	0.00081	mg/Kg	O-	02/26/14 11:05	03/01/14 06:18	
1,2-Trichloroethane	<0.0054		0.0054	0.00074		0	02/26/14 11:05	03/01/14 06:18	1
richloroethene	<0.0054		0.0054	0.00089	mg/Kg	O	02/26/14 11:05	03/01/14 06:18	1
/inyl acetate	< 0.0054		0.0054	0.00085	mg/Kg	ō	02/26/14 11:05	03/01/14 06:18	
/inyl chloride	<0.0054		0.0054	0.0011	mg/Kg	ö	02/26/14 11:05	03/01/14 06:18	1
(ylenes, Total	<0.011		0,011	0.00049		a	02/26/14 11:05	03/01/14 06:18	-1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
-Bromofluorobenzene (Surr)	104	-	70 - 122				02/26/14 11:05	03/01/14 06:18	Dirac
Dibromofluoromethane	106		75 - 120				02/26/14 11:05	03/01/14 06:18	1
,2-Dichloroethane-d4 (Surr)	107		70 - 134				02/26/14 11:05	03/01/14 06:18	1
oluene-d8 (Surr)	106		75 - 122				02/26/14 11:05	03/01/14 06:18	1
Anthod: 9370D Samuelatile	Organia Company	nde (CCIME)							
Method: 8270D - Semivolatile malyte		Qualifier	RL	MDI	Unit	D	Prepared	Analyzed	Dil Fac
Phenol	<0.19		0.19	0.086		- 5	02/27/14 08:07	03/01/14 00:39	Dil Fac
Bis(2-chloroethyl)ether	<0.19		0.19	0.058		0.	02/27/14 08:07	03/01/14 00:39	
,3-Dichlorobenzene	<0.19		0.19	0.038		O.	02/27/14 08:07	03/01/14 00:39	1
	<0.19		0.19		1000	ò	02/27/14 08:07	03/01/14 00:39	1
,4-Dichlorobenzene	-0.19		0,18	0.000	mg/Kg	-	V4/41/14 00.0/	JUN 1714 00:38	1

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ent: Andrews Engineering Inc.	Clie					TestAmeri	ca Job ID: 500-	72231-9
oject/Site: IDOT - Bensenville I8	3 - WO 057							
ient Sample ID: 2785-19-B	103-1					Lab Samp	le ID: 500-72	231-29
te Collected: 02/25/14 14:25							Matri	x: Solid
te Received: 02/26/14 10:00							Percent Soli	ds: 80.6
lethod: 8270D - Semivolatile O	rganic Compounds (GC/ Result Qualifier	MS) (Continued)	MDI	Unit	D	Prepared	Analyzed	Dit Fac
2-Dichlorobenzene	<0.19	0.19	0.046		- 7	02/27/14 08:07	03/01/14 00:39	1
Methylphenol	<0.19	0.19	0.062	mg/Kg	O	02/27/14 08:07	03/01/14 00:39	1
2'-oxybis[1-chloropropane]	<0.19	0.19	0.045	mg/Kg	ØF.	02/27/14 08:07	03/01/14 00:39	
Nitrosodi-n-propylamine	<0.19	0.19	0.047		Ò.	02/27/14 08:07	03/01/14 00:39	1
exachloroethane	⊲0.19	0.19	0.059	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
Chlorophenol	<0.19	0.19	0.066	mg/Kg	Ġ.	02/27/14 08:07	03/01/14 00:39	1
trobenzene	<0.038	0.038	0.0097	mg/Kg	Q.	02/27/14 08:07	03/01/14 00:39	1
s(2-chloroethoxy)methane	<0.19	0.19	0.040	mg/Kg		02/27/14 08:07	03/01/14 00:39	1
2,4-Trichlorobenzene	<0.19	0.19	0.042	mg/Kg	6	02/27/14 08:07	03/01/14 00:39	- 1
ophorone	<0.19	0.19	0.044	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
1-Dimethylphenol	<0.38	0.38	0.15	mg/Kg	a	02/27/14 08:07	03/01/14 00:39	1
exachlorobutadiene	<0.19	0.19	0.061	mg/Kg	o	02/27/14 08:07	03/01/14 00:39	1
phthalene	<0.038	0.038	0.0060	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
4-Dichlorophenol	<0.38	0.38	0.092	mg/Kg	D	02/27/14 08:07	03/01/14 00:39	1
Chloroaniline	<0.78	0.78	0.18	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
4,6-Trichlorophenol	<0.38	0.38	0.13	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
4,5-Trichlorophenol	<0.38	0.38	0.088	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
xachlorocyclopentadiene	<0.78	0.78	0.22	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
Methylnaphthalene	<0.038	0.038	0.0071	mg/Kg	D	02/27/14 08:07	03/01/14 00:39	1
Nitroaniline	<0.19	0.19	0.052	mg/Kg	O	02/27/14 08:07	03/01/14 00:39	1
Chloronaphthalene	<0.19	0.19	0.043	mg/Kg	D	02/27/14 08:07	03/01/14 00:39	1
Chloro-3-methylphenol	<0.38	0,38	0.13	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
S-Dinitrotoluene	<0.19	0.19	0.076	mg/Kg	0.	02/27/14 08:07	03/01/14 00:39	1
Nitrophenol	<0.38	0.38	0.092	mg/Kg	CI	02/27/14 08:07	03/01/14 00:39	1
Nitroaniline	<0.38	0.38	0.12	mg/Kg	O.	02/27/14 08:07	03/01/14 00:39	1
methyl phthalate	<0.19	0.19	0.051	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
4-Dinitrophenol	<0.78	0.78	0.68	mg/Kg	D	02/27/14 08:07	03/01/14 00:39	- 1
enaphthylene	<0.038	0.038	0.0051	mg/Kg	Di	02/27/14 08:07	03/01/14 00:39	1
4-Dinitrotoluene	<0.19	0.19	0.062	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
enaphthene	<0,038	0.038	0.0070	mg/Kg	O	02/27/14 08:07	03/01/14 00:39	1
benzofuran	<0.19	0.19	0.045	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
Nitrophenol	<0.78	0.78	0.37	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
uorene	<0.038	0.038	0.0054	mg/Kg	a	02/27/14 08:07	03/01/14 00:39	1
Nitroaniline	<0.38	0.38	0.16	mg/Kg	b	02/27/14 08:07	03/01/14 00:39	1
Bromophenyl phenyl ether	<0.19	0.19	0.051	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
exachlorobenzene	<0.078	0.078	0.0090	mg/Kg	Q.	02/27/14 08:07	03/01/14 00:39	1
ethyl phthalate	<0.19	0.19	0.066	mg/Kg	O.	02/27/14 08:07	03/01/14 00:39	1
Chlorophenyl phenyl ether	<0.19	0.19	0.045	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
ntachlorophenol	<0.78	0.78		mg/Kg	Ç.	02/27/14 08:07	03/01/14 00:39	1
Nitrosodiphenylamine	<0.19	0.19		mg/Kg	Ø.	02/27/14 08:07	03/01/14 00:39	1
3-Dinitro-2-methylphenol	<0.38	0.38		mg/Kg	iQ.	02/27/14 08:07	03/01/14 00:39	1
enanthrene	<0.038	0.038		mg/Kg	0.	02/27/14 08:07	03/01/14 00:39	1
thracene	<0,038	0.038		mg/Kg	a	02/27/14 08:07	03/01/14 00:39	- 1
arbazole	<0.19	0.19		mg/Kg	(OF	02/27/14 08:07	03/01/14 00:39	1
n-butyl phthalate	<0.19	0.19			0	02/27/14 08:07	03/01/14 00:39	1
Joranthene	<0.038	0,038		mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
rene	<0.038	0,038		mg/Kg	O.	02/27/14 08:07	03/01/14 00:39	1
ıtyi benzyi phthalate	<0.19	0.19		mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
enzo[a]anthracene	<0.038	0.038	0.0052	mg/Kg	17	02/27/14 08:07	03/01/14 00:39	1

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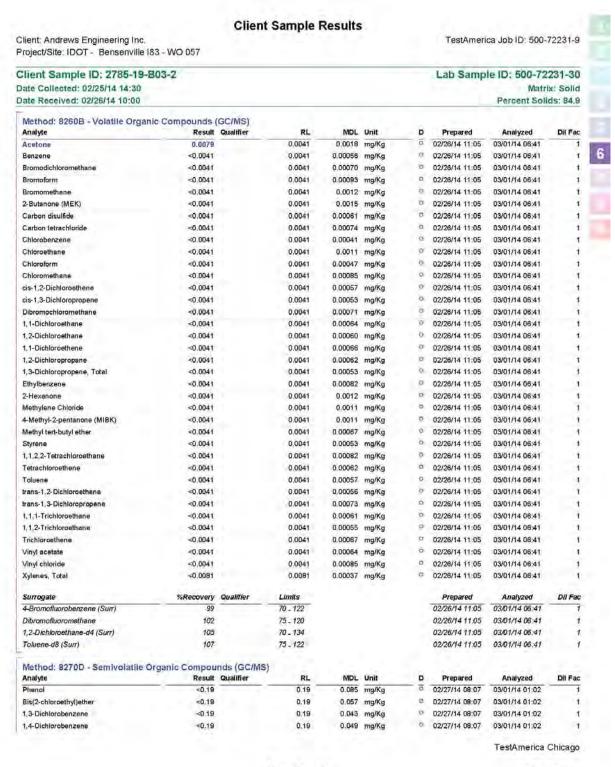
TestAmerica Chicago

ent: Andrews Engineering Inc.	102 100 057						TestAmeri	ca Job ID: 500-	72231-9
oject/Site: IDOT - Bensenville	And the second						I ah Samn	le ID: 500-72	224.20
ient Sample ID: 2785-19-	D03-1						Lau Samp		
ate Collected: 02/25/14 14:25 ate Received: 02/26/14 10:00								Percent Soli	x: Solid
ne Received. 02/20/14 10:00								Percent don	us. 60.0
Method: 8270D - Semivolatile (inalyte		nds (GC/MS Qualifier	S) (Continued) RL	MDL	Unit	D	Prepared	Analyzed	Dit Fac
Chrysene	<0.038		0.038	0.011	mg/Kg	ō	02/27/14 08:07	03/01/14 00:39	1
3'-Dichlorobenzidine	<0.19		0.19	0.054	mg/Kg	Ø.	02/27/14 08:07	03/01/14 00:39	1
is(2-ethylhexyl) phthalate	<0.19		0.19	0.071	mg/Kg	(CF	02/27/14 08:07	03/01/14 00:39	
0i-n-octyl phthalate	<0.19		0.19	0.063	mg/Kg	0:	02/27/14 08:07	03/01/14 00:39	1
enzo[b]fluoranthene	<0.038		0,038	0.0084	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
enzo[k]fluoranthene	< 0.038		0.038	0.011	mg/Kg	O-	02/27/14 08:07	03/01/14 00:39	1
enzo[a]pyrene	<0.038		0.038	0.0075	mg/Kg	Q.	02/27/14 08:07	03/01/14 00:39	1
ndeno[1,2,3-cd]pyrene	<0.038		0.038	0.010	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
ibenz(a,h)anthracene	<0.038		0.038	0.0075	mg/Kg	Ġ-	02/27/14 08:07	03/01/14 00:39	1
senzo[g,h,i]perylene	<0.038		0.038	0.012	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	1
& 4 Methylphenol	<0.19		0.19	0.065	mg/Kg	0	02/27/14 08:07	03/01/14 00:39	
urrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fac
-Fluorophenol	53	- wounter	25 - 110				02/27/14 08:07	03/01/14 00:39	1
Phenol-d5	49		31 - 110				02/27/14 08:07	03/01/14 00:39	1
litrobenzene-d5	54		25 - 115				02/27/14 08:07	03/01/14 00:39	1
-Fluorobiphenyl	64		25 - 119				02/27/14 08:07	03/01/14 00:39	1
,4,6-Tribromophenal	.53		35 - 137				02/27/14 08:07	03/01/14 00:39	1
erphenyl-d14	82		36 - 134				02/27/14 08:07	03/01/14 00:39	1
Method: 6010B - Metals (ICP)									
inalyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Intimony	<1.2		1.2	0.47	mg/Kg	n	02/28/14 09:00	03/02/14 01:19	1
rsenic	7.9		0,59	0.12	mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
Sarium	94		0.59		mg/Kg	66	02/28/14 09:00	03/02/14 01:19	1
Jeryllium	0.92		0.23	0.047	mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
loron	8.3		2.9	0.59	mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
Cadmium	0.047	J	0.12	0.015	mg/Kg	10	02/28/14 09:00	03/02/14 01:19	1
alcium	8600		12		mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
hromium	24		0.59	0.068	mg/Kg	Q.	02/28/14 09:00	03/02/14 01:19	. 1
Cobalt	17		0.29		mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
opper	28		0,59		mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
ron	24000		12	4.8	mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
ead	19		0.29		mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
Aagnesium	9100		5.9		mg/Kg		02/28/14 09:00	03/02/14 01:19	1
Manganese	400		0.59		mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
lickel	51		0.59		mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
otassium	2400		29		mg/Kg	0.0	02/28/14 09:00	03/02/14 01:19	1
Selenium	<0.59		0.59		mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
Silver	<0.29		0.29		mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
Sodium	410		59		mg/Kg	0	02/28/14 09:00	03/02/14 01:19	
hallium (anadion	0.37	J	0.59		mg/Kg	O	02/28/14 09:00	03/02/14 01:19	- 1
/anadium	72		0.29		mg/Kg mg/Kg	0	02/28/14 09:00	03/02/14 01:19	1
line	12		1,2	0.24	ingrig	8	02/20/14 U8:UU	USIUZ/14 Z3:30	,
Method: 6010B - Metals (ICP) -	SPLP East								
inalyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.32	J	0.50	0.050	mg/L		02/27/14 10:00	02/27/14 21:00	1
Beryllium	<0,0040		0.0040	0.0040	mg/L		02/27/14 10:00	02/27/14 21:00	1
Boron	1.8		0.10	0.050	man A		02/27/14 10:00	02/27/14 21:00	1

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ent: Andrews Engineering Inc.			t Sample				TestAmeri	ca Job ID: 500-	72231-9
roject/Site: IDOT - Bensenville I83	- WO 057								
lient Sample ID: 2785-19-B0	3-1						Lab Samp	le ID: 500-72	231-29
ate Collected: 02/25/14 14:25								Matri	x: Solid
ate Received: 02/26/14 10:00									
Method: 6010B - Metals (ICP) - SF	The same of the sa	The second second							
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/27/14 10:00	02/27/14 21:00	1
Chromium	< 0.025		0,025	0.010	mg/L		02/27/14 10:00	02/27/14 21:00	1
Cobalt	<0.025		0.025	0.010	mg/L		02/27/14 10:00	02/27/14 21:00	1
Iron	0.54		0.20	0.20	mg/L		02/27/14 10:00	02/27/14 21:00	1
Lead	<0.0075		0.0075	0.0075	mg/L		02/27/14 10:00	02/27/14 21:00	1
Manganese	0.017	J	0.025	0.010	mg/L		02/27/14 10:00	02/27/14 21:00	1
Nickel	< 0.025		0.025	0.010	mg/L		02/27/14 10:00	02/27/14 21:00	1
Selenium	< 0.050		0.050	0.010	mg/L		02/27/14 10:00	02/27/14 21:00	1
Silver	<0.025		0.025	0.010	mg/L		02/27/14 10:00	02/27/14 21:00	1
Zinc	0.28		0.10	0.020	mg/L		02/27/14 10:00	02/27/14 21:00	1
Method: 6020A - Metals (ICP/MS)	- SPLP East								
Analyte	Result	Qualifier	RL	MDL	43.11	D	Prepared	Analyzed	Dil Fac
Antimony	<0.0060		0.0060	0,0060	mg/L		02/27/14 10:00	02/27/14 20:26	1
Thallium	<0.0020		0.0020	0.0020	mg/L		02/27/14 10:00	02/27/14 20:26	1
Method: 7470A - Mercury (CVAA)									
Analyte	Result	Qualifier	RL		Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.000033	J	0.00020	0.000020	mg/L		02/27/14 10:30	02/28/14 11:39	1
Method: 7471B - Mercury in Solid	or Semisolid	Waste (Man	nual Cold Vap		A CONTRACTOR OF THE CONTRACTOR				
Analyte	2772.00	Qualifier	RL	-	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.025		0.019	0.0076	mg/Kg	0	02/27/14 14:30	02/28/14 11:05	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	7.50		0.200	0.200	SU			02/28/14 10:30	1

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ent: Andrews Engineering Inc. ject/Site: IDOT - Bensenville I83	- WO 057					TestAmeri	ca Job ID: 500-	72231-9
ent Sample ID: 2785-19-B0	January					Lab Samp	le ID: 500-72	231-30
e Collected: 02/25/14 14:30								x: Solid
e Received: 02/26/14 10:00							Percent Soli	
7100011001 00100115 10100							1 51 55 11 55 11	20. 27.2
ethod: 8270D - Semivolatile Org	ganic Compoun Result (MDL	Unit	D	Prepared	Analyzed	Dit Fac
2-Dichlorobenzene	<0.19	0.19	0.046	mg/Kg	ő	02/27/14 08:07	03/01/14 01:02	1
Methylphenol	<0.19	0.19	0.061	mg/Kg	Ø	02/27/14 08:07	03/01/14 01:02	- 1
2'-oxybis[1-chloropropane]	<0.19	0.19	0.044	mg/Kg	(OF	02/27/14 08:07	03/01/14 01:02	t
Nitrosodi-n-propylamine	<0.19	0.19	0.047	mg/Kg	Q.	02/27/14 08:07	03/01/14 01:02	1
xachloroethane	<0.19	0.19	0.058	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	- 1
Chlorophenol	<0.19	0.19	0.065	mg/Kg	CF.	02/27/14 08:07	03/01/14 01:02	1
robenzene	<0.038	0.038	0.0095	mg/Kg	Q.	02/27/14 08:07	03/01/14 01:02	1
s(2-chloroethoxy)methane	<0.19	0.19	0.039	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	- 4
2,4-Trichlorobenzene	<0.19	0.19	0.041	mg/Kg	6	02/27/14 08:07	03/01/14 01:02	
phorone	<0.19	0.19	0.043	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
4-Dimethylphenol	<0.38	0.38	0.15	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1.0
exachlorobutadiene	<0.19	0.19	0.060	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	
phthalene	<0.038	0.038	0.0059	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
4-Dichlorophenol	<0.38	0.38	0.091	mg/Kg	D	02/27/14 08:07	03/01/14 01:02	1
Chloroaniline	<0.77	0.77	0.18	mg/Kg	Ø	02/27/14 08:07	03/01/14 01:02	1
4,6-Trichlorophenol	<0.38	0.38	0.13	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
4,5-Trichlorophenol	<0.38	0.38	0.087	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	- 1
xachlorocyclopentadiene	<0.77	0.77	0.22	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
Methylnaphthalene	<0.038	0.038	0.0070	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
Vitroaniline	<0.19	0.19	0.051	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
Chloronaphthalene	⊲0.19	0.19	0.042		D	02/27/14 08:07	03/01/14 01:02	1
Chioro-3-methylphenol	<0.39	0,38	0.13		0	02/27/14 08:07	03/01/14 01:02	1
3-Dinitrotoluene	<0.19	0.19	0.075	mg/Kg	0.	02/27/14 08:07	03/01/14 01:02	1
Vitrophenol	<0.38	0.38	0.090	mg/Kg	a	02/27/14 08:07	03/01/14 01:02	1
Vitroaniline	⊲0.38	0.38	0.12		O.	02/27/14 08:07	03/01/14 01:02	1
methyl phthalate	<0.19	0.19	0.050	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
1-Dinitrophenol	<0.77	0.77	0.67		D	02/27/14 08:07	03/01/14 01:02	1
enaphthylene	<0.038	0,038	0.0050		0	02/27/14 08:07	03/01/14 01:02	1
1-Dinitrotoluene	<0.19	0,19	0.061	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
enaphthene	<0.038	0.038	0.0069	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
benzofuran	<0.19	0.19	0.045	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
Nitrophenol	<0.77	0.77	0.36	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
Jorene	<0.038	0.038	0.0054	mg/Kg	b	02/27/14 08:07	03/01/14 01:02	1
Nitroaniline	<0.38	0.38	0.16	200		02/27/14 08:07	03/01/14 01:02	1
Bromophenyl phenyl ether	<0.19	0.19	0.050	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
exachlorobenzene	<0.077	0.077	0.0089	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	1
ethyl phthalate	<0.19	0.19	0.065	mg/Kg	OF	02/27/14 08:07	03/01/14 01:02	1
Chlorophenyl phenyl ether	<0.19	0.19 0.77	0.045		0	02/27/14 08:07	03/01/14 01:02	1
entachlorophenol			0.61		o	- III.W. 00 III II.	E327111171171	- 5
Nitrosodiphenylamine	<0.19	0.19		mg/Kg	10:	02/27/14 08:07	03/01/14 01:02	1
3-Dinitro-2-methylphenol enanthrene	<0.038	0.038		mg/Kg mg/Kg	0.	02/27/14 08:07	03/01/14 01:02	- 1
thracene	<0.038	0.038	0.0064		a	02/27/14 08:07	03/01/14 01:02	
urbazole	<0.19	0.038	0.0004	The live	IQF	02/27/14 08:07	03/01/14 01:02	
n-butyl phthalate	<0.19	0.19	0.058		0.	02/27/14 08:07	03/01/14 01:02	
or-outy) primalate Joranthene	<0.19	0,038		mg/Kg mg/Kg	0	02/27/14 08:07	03/01/14 01:02	
rene	<0.038	0,038		mg/Kg mg/Kg	œ	02/27/14 08:07	03/01/14 01:02	
rene ityl benzyl phthalate	<0.19	0.19		mg/Kg	0.	02/27/14 08:07	03/01/14 01:02	
nzo[a]anthracene	<0.038	0.038		mg/Kg mg/Kg	(P	02/27/14 08:07	03/01/14 01:02	1

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lient: Andrews Engineering Inc.	WO 057		t Sample F				TestAmeri	ca Job ID: 500-	72231-9
roject/Site: IDOT - Bensenville 183 - Itent Sample ID: 2785-19-B03							Lah Samn	le ID: 500-72	231-30
ate Collected: 02/25/14 14:30	-						Lub Gump		x: Solle
ate Received: 02/26/14 10:00								Percent Soli	
ate Received. 02/26/14 10:00								Percent Son	us. b4.
Method: 8270D - Semivolatile Orga Analyte		nds (GC/MS	S) (Continued)	MDL	Unit	D	Prepared	Analyzed	Dil Fa
Chrysene	<0.039		0.038	0.010	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	
3,3'-Dichlorobenzidine	<0.19		0.19	0.054		o.	02/27/14 08:07	03/01/14 01:02	
Bis(2-ethylhexyl) phthalate	<0.19		0.19	0.070	mg/Kg	Q.	02/27/14 08:07	03/01/14 01:02	
Di-n-octyl phthalate	<0.19		0.19	0.062		o.	02/27/14 08:07	03/01/14 01:02	
Benzo[b]fluoranthene	<0.038		0,038	0.0083		0	02/27/14 08:07	03/01/14 01:02	
Benzo[k]fluoranthene	< 0.038		0.038	0.011	mg/Kg	O-	02/27/14 08:07	03/01/14 01:02	
Benzo[a]pyrene	<0.038		0.038	0.0074	mg/Kg	o.	02/27/14 08:07	03/01/14 01:02	
ndeno[1,2,3-cd]pyrene	<0.038		0.038	0.0099	mg/Kg	0	02/27/14 08:07	03/01/14 01:02	
Dibenz(a,h)anthracene	<0.038		0.038	0.0074	mg/Kg	6	02/27/14 08:07	03/01/14 01:02	
Benzo[g,h,i]perylene	<0.038		0.038		mg/Kg	0	02/27/14 08:07	03/01/14 01:02	
3 & 4 Methylphenol	<0.19		0.19	0.064	100000	o	02/27/14 08:07	03/01/14 01:02	
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	DII Fa
2-Fluorophenol	52		25 - 110				02/27/14 08:07	03/01/14 01:02	
Phenol-d5	52		31 - 110				02/27/14 08:07	03/01/14 01:02	
Nitrobenzene-d5	56		25 - 115				02/27/14 08:07	03/01/14 01:02	
2-Fluorobiphenyl	67		25 _ 119				02/27/14 08:07	03/01/14 01:02	
2,4,6-Tribromophenol	54		35 - 137				02/27/14 08:07	03/01/14 01:02	
Terphenyl-d14	72		36 - 134				02/27/14 08:07	03/01/14 01:02	
Method: 6010B - Metals (ICP)		Qualifler	1.0		Marie		2.00	11000	Dil Fa
				MADE					
			RL -	MDL	121/15	D 0	Prepared	Analyzed	
Antimony	<1.1		1.1	0.44	mg/Kg	ā	02/28/14 09:00	03/02/14 01:24	
Antimony Arsenic	<1.1 3.4		1.1 0.54	0.44 0.11	mg/Kg mg/Kg	o o	02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium	<1.1 3.4 29		1.1 0.54 0.54	0.44 0.11 0.058	mg/Kg mg/Kg mg/Kg	0 0	02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium	<1.1 3.4 29 0.40		1.1 0.54 0.54 0.22	0.44 0.11 0.058 0.043	mg/Kg mg/Kg mg/Kg mg/Kg	0 0	02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron	3.4 29 0.40 6.6		1.1 0.54 0.54 0.22 2.7	0.44 0.11 0.058 0.043 0.54	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0 0	02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Cadmium	<1.1 3.4 29 0.40 6.6 0.070	Ĵ	1.1 0.54 0.54 0.22 2.7 0.11	0.44 0.11 0.058 0.043 0.54 0.014	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0 0 0	02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Cadmium Calcium	<1.1 3.4 29 0.40 6.6 0.070 32000		1.1 0.54 0.54 0.22 2.7 0.11	0.44 0.11 0.058 0.043 0.54 0.014	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0 0 0	02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Cadmium Calcium	3.4 29 0.40 6.6 0.070 32000		1.1 0.54 0.54 0.22 2.7 0.11 11	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0 0 0 0 0	02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beron Cadmium Calcium Chromium Cobalt	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0 0 0 0 0 0	02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Calmium Calcium Chromium Cobalt	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11	mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg mg/Kg	0 0 0 0 0 0 0 0	02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Calmium Calcium Chromium Chromium Cobalt Copper	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4	mg/Kg	0 0 0 0 0 0 0 0 0	02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Cadmium Catcium Chromium Cobalt Copper	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4	mg/Kg	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Cadmium Calcium Chromium Cobalt Copper ron Lead	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081	mg/Kg	0 0 0 0 0 0 0 0 0	02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Codmium Calcium Chromium Cobalt Copper ron Lead Wagnesium	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081	mg/Kg		02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Codmium Calcium Chromium Cobalt Copper ron Lead Wagnesium Wanganese	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081 1.1 0.11	mg/Kg		02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper ron Lead Wagnesium Wanganese Vickel	41.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081 1.1 0.11	mg/Kg		02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Calmium Calcium Chromium Cobalt Copper ron Lead Magnesium Manganese Nickel Potassium	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200 19 1500 <0.54		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081 1.1 0.11 1.6 0.19	mg/Kg		02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Cadmium Catcium Chromium Cobalt Copper ron Lead Magnesium Minganese Nickel Potassium Selenium	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200 19 1500 <0.54 <0.27		1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54 0.54	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081 1.1 0.11 0.11 1.6 0.19	mg/Kg		02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Cadmium Catcium Chromium Cobalt Copper ron Lead Magnesium Manganese Nickel Potassium Selenium Selenium Soliver	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200 19 1500 <0.54 <0.27	J	1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54 0.54 0.54 0.54	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.11 4.4 0.081 1.1 0.11 0.11 0.11 0.19 0.020 7.3	mg/Kg		02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	3 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4
Antimony Arsenic Barium Beryllium Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Nickel Potassium Selenium Selenium Soliver Sodium	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200 19 1500 <0.54 <0.27 98 0.29	J	1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54 0.54 2.7 0.54 2.7	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081 1.1 0.11 0.11 1.6 0.19 0.020 7.3 0.23	mg/Kg		02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Analyte Antimony Arsenic Beryllium Boron Cadmium Calcium Chromium Cobalt Copper Iron Magnesium Manganese Nickel Potassium Selenium Silver Sodium Thallium Vanadium	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200 19 1500 <0.54 <0.27	J	1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54 0.54 0.54 2.7 0.54 0.27	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081 1.1 0.11 1.6 0.19 0.020 7.3 0.23 0.040	mg/Kg		02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Calmium Calcium Chromium Cobalt Copper ron Lead Magnesium Manganese Nickel Potassium Selenium Selenium Silver Sodium Thallium Vanadium	41.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200 19 1500 40.54 40.27 98 0.29 12	J	1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54 0.54 2.7 0.54 2.7	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081 1.1 0.11 1.6 0.19 0.020 7.3 0.23 0.040	mg/Kg		02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Nickel Potassium Selenium Selenium Silver Sodium Thallium Vanadium Zinc Method: 6010B - Metals (ICP) - TCL	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200 19 1500 <0.54 <0.27 98 0.29 12 32	J	1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.55 1.1 0.54 0.27 1.1 0.54 0.27 1.1 0.54 0.27 1.1 0.54 0.27 1.1 0.54 0.27 1.1 0.54 0.27 1.1 0.54 0.27 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.57 1.1 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.54 0.5	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081 1.1 0.11 1.6 0.19 0.020 7.3 0.23 0.040 0.22	mg/Kg		02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	
Antimony Arsenic Barium Beryllium Boron Calmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Manganese Nickel Potassium Selenium Selenium Silver Sodium Thallium Vanadium	<1.1 3.4 29 0.40 6.6 0.070 32000 11 6.5 13 11000 8.3 16000 200 19 1500 <0.54 <0.27 98 0.29 12 32	J	1.1 0.54 0.54 0.22 2.7 0.11 11 0.54 0.27 0.54 11 0.27 5.4 0.54 0.54 0.54 2.7 0.54 0.27	0.44 0.11 0.058 0.043 0.54 0.014 2.9 0.063 0.054 0.11 4.4 0.081 1.1 0.11 1.6 0.19 0.020 7.3 0.23 0.040 0.22	mg/Kg		02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00 02/28/14 09:00	03/02/14 01:24 03/02/14 01:24	Dil Fa

TestAmerica Chicago

3/5/2014

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		Cilen	t Sample	Results	•				
ient: Andrews Engineering Inc. oject/Site: IDOT - Bensenville	183 - WO 057						TestAmeri	ca Job ID: 500-	72231-9
lient Sample ID: 2785-19-	B03-2						Lab Samp	le ID: 500-72	231-30
ate Collected: 02/25/14 14:30									x: Solid
ate Received: 02/26/14 10:00								TO ALLEY O	n, como
	autoria de								
Method: 6010B - Metals (ICP) - Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	0.34	J	0.50	0.050	mg/L	_ =	02/27/14 10:00	02/27/14 21:08	1
Beryllium	< 0.0040		0.0040	0.0040	mg/L		02/27/14 10:00	02/27/14 21:08	1
Boron	1.4		0.10	0.050	mg/L		02/27/14 10:00	02/27/14 21:08	1
Cadmium	<0.0050		0.0050	0.0020	mg/L		02/27/14 10:00	02/27/14 21:08	1
Chromium	0.024	J	0.025	0.010	mg/L		02/27/14 10:00	02/27/14 21:08	13
Cobalt	< 0.025		0.025	0.010	mg/L		02/27/14 10:00	02/27/14 21:08	1
Iron	17		0.20	0.20	mg/L		02/27/14 10:00	02/27/14 21:08	1
Lead	0.017		0.0075	0.0075	mg/L		02/27/14 10:00	02/27/14 21:08	14
Manganese	0.11		0.025	0.010	mg/L		02/27/14 10:00	02/27/14 21:08	1
Nickel	0.021	J	0.025	0.010	mg/L		02/27/14 10:00	02/27/14 21:08	1
Selenium	< 0.050		0.050	0.010	mg/L		02/27/14 10:00	02/27/14 21:08	11
Silver	<0.025		0.025	0.010	mg/L		02/27/14 10:00	02/27/14 21:08	1
Zinc	0.26		0.10	0.020	mg/L		02/27/14 10:00	02/27/14 21:08	1
Method: 6020A - Metals (ICP/IV	IS) - SPI P Fact								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	<0,0060	_	0.0060	0.0060	mg/L	-	02/27/14 10:00	02/27/14 20:29	1
Thallium	<0.0020		0.0020	0.0020	mg/L		02/27/14 10:00	02/27/14 20:29	1
Method: 7470A - Mercury (CVA	AL SDI D Fact								
Analyte		Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
200	0.000061	J	0.00020	0.000020	mg/L		02/27/14 10:30	02/28/14 11:41	- 1
Mercury	0.000061	J	0.00020	0.000020	mg/L		02/27/14 10:30	02/28/14 11:41	
Method: 7471B - Mercury in So		and the same of th							
Analyte	Result	Qualifier	RL	3077	Unit	D	Prepared	Analyzed	DII Fac
Mercury	0.020		0.019	0.0073	mg/Kg	O.	02/27/14 14:30	02/28/14 11:07	1
General Chemistry									
Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
pH	8.19		0.200	0.200	SU			02/28/14 10:34	1

TestAmerica Chicago

Client: Andrew	rs Engineering Inc. TestAmerica Job ID: 500-72231-9
	DOT - Bensenville 183 - WO 057
Qualifiers	
GC/MS Semi	
Qualifier	Qualifier Description
	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.
	ICV, CCV, ICB, CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related OC exceeds the control limits.
Glossary	
Abbreviation	These commonly used abbreviations may or may not be present in this report.
0	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 Defection Limit
ML	Minimum Level (Dioxin)
NG	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
POL	Practical Quantitation Limit
ac	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)

TestAmerica Chicago

Client Cont	tact	Laborato	ry						Proje	ct Nar	nel 1	COC No.						
Andrews En	naineering, Inc.	Leb: Test	America -	Chicag	a				1			5			J.	eg (
3300 Ginger	r Creek Drive	Address:	2417 Bon	d Street	t				Proje	of No.	1	DO	T	201	3-6	57		Lab Job No.:
Springfield, 217-787-23			Universit		L 604	84		_								- 60		500-72231
Contact: Co		Phone: Contact:	708-534-5 Dick Write					-	TAT: 15 BD 10 BD 5 BD 2 BDOther									Sample Temp:
email: cgrey	@andrews-eng.com									Sampler KNW, ZK (AEI)								23,27,26
Special Instr	ructions:	uninani 12	CP HOT CATTO	111112/11111	T	CA, III II			(Control	July 1		IÁLYS		INC.	-1-			Matrix Key:
See Table 2 f	for complete parameter lists and min	nimum repo	rting limits.			-			5			co		-	è			W: Water
Limit (Table	AA metal (mg/kg) result exceeds the a 3), run TCLP for that specific RCl suit exceeds Class I Standard, run I	RA metal.			20	Cs	X & MTBE	eq.	Pesticides	s	Total Metals	SPLP/** TCLP Metals		Solids	e Characterization			St. Soil St.: Studge St.: Sediment L.: Leachete DW: Drinking Water OL: Oil O: Other
Lab ID	Sample ID	Sample Date	Sample Time	Matrix	VOCs	SVOCS	BETX	PNAS	Pest	PCBs	To.	SPL	H	% S	Waste			Comments
26	2785-19-BOI-1		2:35	5	X	X					X	X	X	X				0'-7'
27	2785-19-BOI-2		2:40	1	1	1			=		1	1	1	1				7'-14'
28	2785-19-BOI-3		2145							Н			MI					14'-21'
	27185-19-BOX-11		77.	4 1	П											-	- 11	
	2785-19-BOX-124P																	
	2785-19-BOA-A	-			†		1				+		1					
29	2785-19- BO3-1		2:25		T	+					+	+	\top	\top				0'-7'
30	2785-19-803-2		2:30		11									1				7'-14'
90	2785-19-304-1		233		Ħ													1.11
	2/185-19-1804-2		S	1	11	1	10					1		+			+	
	27/85-19-BO4-3			5	V	x					X	V	X	X		+	++	
	9 1/03-11- 407-3			-	1	^			-		~	^	^	^	-	-	-	
Dertaiupniles	by Keen Aller	(AEI)		Date/Tir	ne	3:4	7	Rege	ved by	11		1	-	TA.	Ď.	bs-114		Date/Time
elinguished	91 - 10	2/26	dia	Date	ng v		_	Rece	(dep.)	in	11	1	,	14	-	2)114	-	2/26/14 1000
	1111	-/665	414	1	13 0				ruga	AAA)	WA	XIV)					2120114 1000