

Appendix F
DATA USABILITY SUMMARY REPORTS,
COMPREHENSIVE TABULATIONS OF VALIDATED ANALYTICAL RESULTS,
AND RESULTS OF ANALYSES OF TENTATIVELY IDENTIFIED COMPOUNDS

Data Validation Services

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July 9, 2014

Thomas Wells
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RE: Validation of the Former Alliance Metal Sampling & Fabrication (FAMSF) Site
Analytical Data Packages
Spectrum SDG Nos. N0572 and N0842
TAL SDG No. 200-20018-1

Dear Mr. Wells:

Review has been completed for the data packages generated by Spectrum Analytical, Inc that pertain to samples collected between 12/06/13 and 04/11/14 at the FAMSF site. Eight soil samples, two aqueous samples, one soil field duplicate, and one aqueous field duplicate were analyzed for TCL volatiles by USEPA method 8260C. Eleven 6 L summa canister samples and a field duplicate were analyzed for volatile analytes by USEPA TO-15. Trip and rinse blanks were also processed.

The data packages submitted by the laboratory contain full deliverables for validation, but this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, in accordance with the project QAPP, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

- * Data Completeness
- * Case Narrative
- * Custody Documentation
- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Rinse/Trip/Method/Canister Blanks
- * Laboratory Control Sample (LCS)
- * Blind Field Duplicate Correlations
- * Instrumental Tunes
- * Calibration Standards
- * Method Compliance
- * Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, most results for target analytes are usable either as reported or with qualification as minor qualification or edit. However, the results for 1,4-dioxane that report no detection in the aqueous and soil samples are not usable due to an inherent processing issue. Due to the concentrations of target analytes found in the samples, they could not be run at low level, and reporting limits are elevated accordingly.

Copies of the client sample identifications are attached to this text, and should be reviewed in conjunction with this report. Also included with the report is a qualified client results EDD.

Chain-of-Custody/Sample Receipt

Soil samples collected in April have final laboratory receipt dates of up to nine days after collection. The data package documents that the samples were iced, with acceptable temperature, at final receipt. Upon our request, a statement that the samples were iced and under proper custody during the interim between collection and transfer to the laboratory was provided by the sampling company.

The fields designating required analysis were not filled in on some of the custody pages.

Blind Field Duplicate Correlations

Field duplicate evaluations were performed on AMSF-05-SS-120613, AMSF-MW-33-W-051314, and AMSF-OU1-TB-MW-2. Correlations fall within recommended limits, with the exception of the that for ethylbenzene (47%RPD) in AMSF-5SS-12061, results for which are qualified as estimated in the parent sample and its duplicate.

Volatile Analyses by EPA8260C

Results for analytes initially reported with the laboratory "E" flag are derived from the dilution analyses of the samples.

Holding time requirements were met, and instrument tunes meet fragmentation requirements. Blanks show no contamination.

The matrix spikes of AMSF-OU1-TB/MW-1 and AMSF-MW-33-W-051314 show acceptable recoveries and correlations. No qualification is indicated.

The results for 1,4-dioxane are rejected in samples in which it was not detected, due to low instrument response inherent in the associated continuing calibration standards, inherent with the methodology. The detected value is qualified as estimated. Other initial and continuing calibration standard (ICV and CCV) responses are within protocol and validation guidelines, with the following exceptions, results for which are qualified as estimated in the samples:

- 1,2-dibromo-3-chloropropane (40%RSD), 1,2,4-trichlorobenzene (25%RSD), 1,2,3-trichlorobenzene (23%RSD) in AMSF-TRIPBLANK-W-051214, AMSF-MW-13S-W-051214, AMSF-MW-16I-W-051214, AMSF-MW-9S-W-051314, AMSF-MW-32-W-051314, AMSF-MW-33-W-051314 and AMSF-DUP-W-051314

- dichlorodifluoromethane (21%RSD), 2-butanone (low RRF), and 1,2-dibromo-3-chloropropane (29%RSD) in AMSF-OU1-TB/MW2, AMSF-OU1-DUP, and AMSF-OU1-TB/MW1
- bromomethane (21%RSD), 2-butanone (low RRF), trans-1,3-dichloropropene (21%RSD), styrene (21%RSD), 1,2-dibromo-3-chloropropane (23%RSD), 1,2,4-trichlorobenzene (31%RSD), 1,2,3-trichlorobenzene (24%RSD) in AMSF-TRIPBLANK and AMSF-RINSEBLANK
- 2-butanone, 2-hexanone, 1,1,2,2-tetrachloroethane, 1,2-dibromo-3-chloropropane, methyl acetate, and 4-methyl-2-pentanone (21%D to 33%D) in AMSF-OU1-TB/MW2, AMSF-OU1-DUP, and AMSF-OU1-TB/MW1
- bromomethane (34%D) in AMSF-TRIPBLANK-W-051214, AMSF-MW-13S-W-051214, AMSF-MW-16I-W-051214, AMSF-MW-9S-W-051314, AMSF-MW-32-W-051314, AMSF-MW-33-W-051314 and AMSF-DUP-W-051314

The reference spectrum for 1,4-dioxane in SDG N0842 is incorrect. Sample reported results are unaffected.

The identification of the Tentatively Identified Compound (TIC) reported for MW-13S is edited to be "Unknown" due to a poorly assigned ID.

Certain of the samples were processed only at dilution due to target analyte concentrations. This results in elevated reporting limits for undetected analytes.

Volatile Analyses by EPA TO-15

The following results are qualified as tentative in identification and estimated in value due to poor spectral quality.

- carbon tetrachloride in AMSF-24-IA-120613
- carbon tetrachloride and 4-methyl-2-pentanone in AMSF-22-IA-120613 and AMSF-06-IA-106013
- toluene in AMSF-24-SS-120613

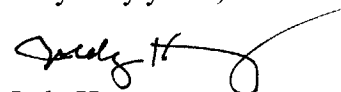
Results for analytes reported with the laboratory "E" flag are qualified as estimated because the responses exceed the established linear ranges of the instrument.

Some of the analyte results for AMSF-AA-120613 were reported from a low level analysis, and some from a routine level analysis.

Holding times and instrument tunes meet requirements. Internal standard responses are within validation guidelines. Initial and continuing calibration standard responses fall within analytical requirements and validation guidelines.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,


Judy Harry

VALIDATION DATA QUALIFIER DEFINITIONS

- U** The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
- J** The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- UJ** The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.
- NJ** The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
- R** The data are unusable. The analyte may or may not be present.
- EMPC** The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

CLIENT and LABORATORY SAMPLE IDs

SAMPLE SUMMARY

Client: O'Brien & Gere Inc of North America

Job Number: 200-20018-1

Sdg Number: 200-20018

Lab Sample ID	Client Sample ID	Client Matrix	Date/Time Sampled	Date/Time Received
200-20018-1	AMSF-07-IA-120613	Air	12/06/2013 0935	12/11/2013 1130
200-20018-2	AMSF-07-SS-120613	Air	12/06/2013 0957	12/11/2013 1130
200-20018-3	AMSF-22-IA-120613	Air	12/06/2013 1402	12/11/2013 1130
200-20018-4	AMSF-22-SS-120613	Air	12/06/2013 1410	12/11/2013 1130
200-20018-5	AMSF-05-IA-120613	Air	12/06/2013 1327	12/11/2013 1130
200-20018-6	AMSF-05-SS-120613	Air	12/06/2013 1441	12/11/2013 1130
200-20018-7	AMSF-05-SSD-120613	Air	12/06/2013 1441	12/11/2013 1130
200-20018-8	AMSF-06-IA-120613	Air	12/06/2013 1414	12/11/2013 1130
200-20018-9	AMSF-06-SS-120613	Air	12/06/2013 1414	12/11/2013 1130
200-20018-10	AMSF-24-IA-120613	Air	12/06/2013 1436	12/11/2013 1130
200-20018-11	AMSF-24-SS-120613	Air	12/06/2013 1433	12/11/2013 1130
200-20018-12	AMSF-AA-120613	Air	12/06/2013 1450	12/11/2013 1130

Spectrum Analytical Inc. - North Kingstown RI – Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : N0842

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
AMSF-TRIPBLANK-W-051214	N0842-01	SW8260_W				
AMSF-MW-13S-W-051214	N0842-02	SW8260_W				
AMSF-MW-16I-W-051214	N0842-03	SW8260_W				
AMSF-MW-7-W-051214	N0842-04	SW8260_W				
AMSF-MW-9S-W-051314	N0842-05	SW8260_W				
AMSF-MW-32-W-051314	N0842-06	SW8260_W				
AMSF-MW-33-W-051314	N0842-07	SW8260_W				
AMSF-DUP-W-051314	N0842-08	SW8260_W				
AMSF-MW-31-W-051314	N0842-09	SW8260_W				
AMSF-MW-23-W-051314	N0842-10	SW8260_W				

Spectrum Analytical Inc. - North Kingstown RI – Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : N0572

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
AMSF-TRIPBLANK	N0572-01	SW8260_W				
AMSF-OU1-TB/MW-2	N0572-02	SW8260_LOW_S				
AMSF-OU1-DUP	N0572-03	SW8260_LOW_S				
AMSF-OU1-TB/MW-1	N0572-04	SW8260_LOW_S				
AMSF-RINSEBLANK	N0572-05	SW8260_W				

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February 4, 2014

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RE: Validation of the Former Alliance Metal Sampling & Fabrication (FAMSF) Site
Analytical Data Packages
Spectrum SDG Nos. L2405, L2407, L2408, M0500, M0501, M0596, M0668, M0716, M1024,
M1045, M1053, M1897, M1902, and SB70063

Dear Mr. Wells:

Review has been completed for the data packages generated by Spectrum Analytical, Inc that pertain to samples collected between 11/08/12 and 09/27/13 at the FAMSF site. Ten soil samples, four aqueous samples, two soil field duplicates, and one aqueous field duplicate were analyzed for TCL volatiles, TCL semivolatiles, Aroclor PCBs, TCL pesticides, and Target Analyte List (TAL) metals. Four soil samples were analyzed for TCL volatiles, TCL semivolatiles, Aroclor PCBs, and Priority Pollutant (PP) metals, and three soil samples were analyzed for TCL semivolatiles, Aroclor PCBs, TCL pesticides, and Target Analyte List (TAL) metals. Twenty soil samples, twenty aqueous samples, and a soil field duplicate were analyzed for TCL volatiles. Two soil samples and one aqueous sample were analyzed for TCL volatiles, TCL semivolatiles, and Aroclor PCBs. Three soil and one aqueous sample were analyzed for TCL volatiles, TCL semivolatiles, and PP metals. Two aqueous samples were analyzed for TCL volatiles and five metals. Three soil samples, five aqueous samples, and an aqueous field duplicate were analyzed for TCL volatiles and PP metals. Two soil samples were analyzed for TCL volatiles and TCL semivolatiles. Tentatively Identified Compounds (TICs) were requested and reported for the soil and aqueous samples collected in 2013. Thirty seven 6 L summa canisters and three field duplicates were analyzed for a full list of volatile analytes by USEPA TO-15. Other analytical methodologies are those of the USEPA SW846 6000/7000/8000. In order to achieve low reporting limits, some analytes were reported from Selective Ion Monitoring (SIM) processing.

The data packages submitted by the laboratory contain full deliverables for validation, but this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, in accordance with the project QAPP, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

- * Data Completeness
- * Case Narrative
- * Custody Documentation

- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Rinse/Equipment/Trip/Method Blanks
- * Laboratory Control Sample (LCS)
- * Blind Field Duplicate Correlations
- * Instrumental Tunes
- * Calibration Standards
- * ICP Serial Dilution Evaluations
- * ICP Interference Check Samples
- * Method Compliance
- * Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, most results for target analytes are usable either as reported or with qualification as minor qualification or edit. However, the results for 1,4-dioxane that report no detection of that analyte are not usable due to very poor instrument performance inherent in the methodology, and the result for one other semivolatile analyte in one sample is also rejected.

Results for several soil and aqueous samples are qualified due to laboratory processing anomalies.

Accuracy, precision, data completeness, representativeness, and the analytical method comparability are acceptable,

Copies of the client sample identifications are attached to this text, and should be reviewed in conjunction with this report. Also attached are EDD files, with recommended qualifiers/edits applied in red.

General

One of the data packages reports certain organic analytes not required for the project. Only the analytes required for the project were validated.

The Spectrum Warwick, RI laboratory properly evaluated organic surrogate, matrix spike, and LCS recoveries against laboratory-determined acceptance ranges, as required by the analytical protocols. The Spectrum Agawam, MA laboratory used non-compliant defined ranges and limits (generally 70%-130% for volatiles, 40% to 140% for semivolatiles, PCBs, and pesticides; 30%RPD). No qualification is made to those data as a result of the non-compliant processing.

The air data were reported using up to six significant figures, which misrepresents the accuracy of those results (which is limited by sample volume and standard preparation measurements). There should be a maximum of three significant figures utilized, and only two are appropriate for some results. These edits have not been made during the validation process.

Chain-of-Custody/Sample Receipt

The laboratory external chains-of-custody do not include fields for relinquish date/time entries.

Samples were typically received by the laboratory up to nine days after sample collection, beyond the two day allowable timeframe. In some instances they were initially relinquished the day after collection, and later transfers prior to laboratory receipt. Temperatures at receipt were within recommended ranges, and for the most part technical holding times were met. A memorandum should be made to the file discussing the condition and custody of the samples during the interim timeframe.

The final receipt entries were not present on the custody for samples reported in SDG M0688. The receipt date on the custodies for the air samples are prior to the relinquish dates. There are no interim date and time entries on the subcontracting custodies for those samples.

Field Duplicate Correlations

Field duplicates were collected at locations SW-TB-2, AOC11-TB3-S-1, ASMF-MW30-W-6212013, ASMF-MW26-W-092613, AM-SVIA4-SSV, AM-SVIA4-IA, and AOC10-SV-4. Correlations fall within the acceptance guidelines, with the following exceptions, results for which are qualified as estimated in the indicated parent sample and its duplicate:

- calcium, copper, magnesium, and manganese (56%RPD to 145%RPD) in SW-TB-2
- sodium (109%RPD) in AOC11-TB3-S-1
- tetrachloroethene I AM-SVIA4-SSV
- carbon disulfide, ethanol, m,p-xylene, o-xylene, styrene, 1,2,4-trimethylbenzene, 1,4-dichlorobenzene and naphthalene ($>\pm$ CRDL or 46%RPD to 60%RPD) in AOC10-SV-4
- the field duplicate of AM-SVIA4-IA showed inconsistent results for target and non-target analytes, an apparent anomaly that is not readily explained. The parent sample was analyzed by the laboratory two times with consistent results. The field duplicate evaluation is determined to be not applicable, and no qualification is made.

The collection of the field duplicate for AOC10-SV-4 was performed in tandem rather than consecutively, and so is not a true field duplicate. That may account for some of the variances in detected analyte concentrations.

Volatile Analyses by EPA8260C

Results for analytes flagged by the laboratory with “E” (indicating response above the linear range of the instrument) are derived from the dilution analyses of the samples.

The results for isopropylbenzene in eleven samples reported in L2407 are qualified as estimated due to low recovery (72%) in the associated LCS.

The detection of 1,4-dioxane in AMSF-MW-9S-W-06182013 is not supported by the raw integration/quantitation data. The result has therefore been edited to reflect non-detection.

Due to presence in the associated equipment or method blanks, the following detected results are considered external contamination and are to be edited to reflect non-detection:

- acetone, methylene chloride, toluene, and di-n-butylphthalate in samples reported in SDGs L2407 and L2408
- methylene chloride in samples in M0596

Holding times were exceeded for the analyses of the following samples, results for which are qualified as estimated, with a likely low bias: SW-TB-3-2, SW-TB-2, PS-TB-1-1, DUP-2, PS-TB-2. Additionally, reanalyses of some samples were performed out of holding time; those results have been qualified as estimated where applicable.

Twenty three soil and aqueous samples exhibit outlying surrogate recoveries. Some of these are associated with method blanks and/or laboratory control samples that also exhibited outlying surrogates. The field samples should have been reanalyzed (per the analytical protocol), as the outliers were processing, rather than matrix, related. All analytes reported in samples with low surrogate recoveries, and detected analytes in samples with only elevated surrogate recoveries, have been qualified as estimated in value.

The matrix spikes of SW-TB-1-1, DG-TB-4B-2, MW-DUP-W-092613, ASMF-MW-28-W-06212013, and MW-29-S-1 show acceptable recoveries and correlations, with the following exceptions, results for which are qualified as estimated in the indicated parent sample:

- 1,1,1-trichloroethane, tetrachloroethene, and methyl acetate in SW-TB-1-1
- acetone (298% and 285%), and trans-1,3-dichloropropene, methylene chloride, 1,2,3-trichlorobenzene, and 1,2,4-trichlorobenzene (24% to 67%) in MW-29-S-1

Internal standard recoveries are within required ranges, with the exception of those in SW-TB-1-2 and SW-TB-3-1. The former showed acceptable internal standard recoveries on an out of holding time reanalysis, and the latter was not reanalyzed. Results for those two samples have been qualified as estimated in value.

The results for 1,4-dioxane in the samples that report no detection of that compound are not usable (rejected), due to poor instrument performance that is inherent with the methodology. Detected values of that compound are qualified as estimated. Other calibration standards show acceptable responses, with the exception of the following, results for which are qualified as estimated in the indicated samples:

- acetone and 2-butanone (low RRF) in samples reported in SDGs L2405, L2407, L2408, M0688, M0716, M1024, M1053, M1902, and SB70063
- 2-butanone, 1,2-dibromo-3-chloropropane, and 4-methyl-2-pentanone (low RRFs) in samples reported in M0596
- dichlorodifluoromethane and chloromethane (22%D and 44%D) in RINSATE BLANK, TRIP BLANK (SDG L2407), and TRIP BLANK (SDG L2408)
- dichlorodifluoromethane, vinyl chloride, dibromochloromethane, bromoform and chloromethane (21%D to 45%D) in DG-TB-2-1, DG-TB-2-2, SEW-TB-1, SW-TB-1-1, SW-TB-1-2, 5A-TB-1, DG-TB-4B-1, DG-TB-4B-2, DG-TB-3B, DUP-1, DG-TB-1-1, DG-TB-1-2 and SW-TB-3-1
- bromomethane, 1,1,2,2-tetrachloroethane and methylene chloride (23%D to 33%D) in PS-TB-1-1 and PS-TB-2
- dichlorodifluoromethane, vinyl chloride, 1,1-dichloroethane, carbon disulfide, methylene chloride, dibromochloromethane, bromoform and chloromethane (21%D to 42%D) in SW-TB-4 and DG-TB-5A
- acetone, 2-hexanone and 2-butanone (23%D to 28%D) in AOC11-TB2-S-1, MW-28-S-1, MW-26-S-1, MW-20-S-1 and MW-20-S-2

- tetrachloroethene (23%D) in AMSF-TB-06182013, AMSF-MW-27-W-06182013, AMSF-MW-31-W-06182013, AMSF-MW-9S-W-06182013, AMSF-MW-4-W-06182013, AMSF-MW-21-W-06192013, and AMSF-MW-25-W-06192013
- 1,2-dibromo-3-chloropropane, and methyl acetate (21%D and 38%D) in AMSF-MW-3S-W-06202013, AMSF-TB-06202013, AMSF-MW-10-W-06202013 and AMSF-MW-26-W-06202013
- bromomethane (21%D) in EQUIPMENT BLANK, AMSF-MW-28-W-06212013, AMSF-MW-29-W-06212013, AMSF-MW-30-W-06212013 and AMSF-MW-DUP-W-06212013
- dichlorodifluoromethane, 1,2-dibromo-3-chloropropane, and trichlorofluoromethane (23%D to 30%D) in AMSF-MW-25-092513, AMSF-MW-22-W-092513, AMSF-MW-31-W-092513, AMSF-MW-20-W-092513 and AMSF-MW-21-W-092513
- bromomethane, 1,1,2,2-tetrachloroethane, and 1,2-dibromo-3-chloropropane (21%D to 28%D) in AMSF-MW-23-W-092513, AMSF-MW-26-W-092613 and AMSF-MW-DUP-W-092613
- bromomethane and 1,1,2,2-tetrachloroethane (24%D and 26%D) in AMSF-MW-27-W-092613, AMSF-MW-10-W-092613, AMSF-MW-3S-W-092613, AMSF-MW-4-W-092713, AMSF-MW-1S-W-092613 and AMSF-MW-7-W-092613
- methyl-t-butyl ether (24%D) in the trip blank reported in SDG SB70063
- 1,2-dibromo-3-chloropropane and 4-methyl-2-pentanone (low RRF) in the soils reported in SDG SB70063

The summary Form 4 included in SDG M1902 was not the correct one. Validation was not affected.

Some of the samples were processed at initial dilution due to target analyte concentrations. This results in elevated reporting limits for analytes not detected in the affected samples.

Tentatively Identified Compound results for three of the data packages were not provided in the initially submitted deliverables, but were provided in revised data packages upon request.

TCL Semivolatiles by EPA28270D

The detections of benzo(k)fluoranthene in AOC11-TB3-SS-1 are edited to reflect non-detection due to very poor mass spectral identification.

The result for hexachlorocyclopentadiene in MW-29-S-1 is rejected due to lack of recovery in the matrix spikes (MS and MSD) of that parent sample. The MS shows outlying recoveries of several analytes that were acceptable in the MSD. No qualification to those data was performed.

Matrix spike recoveries and duplicate correlations of SW-TB-1-1 and ASMF-MW-28-W-06212013 are acceptable.

Calibration standards show acceptable responses, with the following exceptions, results for which are qualified as estimated in the indicated samples:

- 2,4-dinitrophenol (40%D) in SW-TB-1-1, SW-TB-3-2, SW-TB-2, DUP-2, 5B-TB-2, 5B-TB-1-2, OTHER-TB-1-1, OTHER-TB-1-2, PS-TB-2, 5A-TB-1, SW-TB-4 and PS-TB-1-2
- 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol (35%RSD and 24%RSD) in samples reported in SDG M0596

- di-n-octylphthalate, indeno(1,2,3-cd)pyrene, dibenzo(a,h)anthracene, atrazine, and benzo(k)-fluoranthene (22%D to 38%D) in AOC11-TB2-SS-1, AOC11-TB2-S-1 and MW-28-S-1
- 2,2'-oxybis(1-chloropropane) and pentachlorophenol (31%D and 34%D) in AMSF-EB-050813, AOC11-TB1-SS-1, AOC11-TB1-S-1, AOC11-TB3-SS-1, AOC11-TB3-S-1, MW-DUP-S-1, MW-27-S-1 and SPW-TB2-S-1
- pentachlorophenol (24%D and 28%D) in EQUIPMENT BLANK, AMSF-MW-28-W-06212013, AMSF-MW-29-W-06212013, AMSF-MW-30-W-06212013, AMSF-MW-DUP-W-06212013, and MW-29-S-1
- 2,4-dinitrophenol , 2,2'-oxybis(1-chloropropene), pentachlorophenol (31RSD% to 35%RSD) in the samples reported in SDG M0716

Tentatively Identified Compound (TIC) results for three of the data packages were not provided in the initially submitted deliverables, but were provided in revised data packages upon request.

The TIC reported as tetrachloroethylene is a volatile target analyte, and is to be discounted as a semivolatile TIC component.

Aroclor PCBs and TCL Pesticides by EPA methods 8081B and 8082

The holding times for the pesticide and PCB extractions of the Rinsate Blank collected 11/08/12 were exceeded, and results for those analytes have been qualified as estimated, with a possible low bias.

Due to elevated dual column correlation responses, results for d-BHC and dieldrin in SW-TB-4, and for endosulfan sulfate in AOC11-TB3-SS-1, are qualified as tentative in identification and estimated in value, and the result for endrin aldehyde in SW-TB-4 is qualified as estimated.

Due to low surrogate DCB recoveries, the pesticide results in SW-TB-4 and Equipment Blank (M0716) are qualified as estimated. The equipment blank has no matrix, and a processing anomaly is suspected.

The pesticide and Aroclor 1016/1260 matrix spikes of SW-TB-1-1, MW-29-S-1, and AMSF-MWA-28-W-06212013 show recoveries and duplicate correlations that are within validation action limits.

Initial and continuing calibration standard instrument responses fall within validation guidelines.

TAL and PP Metals Analyses by EPA 6010C, 7470A, and 7471A

Matrix spikes/duplicates of SW-TB-1-1, SPW-TB2-S-1, MW-29-S-1, AMSF-MW-28-W-06212013, and AMSF-MW-26-W-06212013 were performed, and show the following recoveries are outside the recommended limits, indicating a matrix effect on analyte recovery from the samples. The results for the listed elements are qualified as estimated in the samples reported in the indicated SDGs:

<u>Parent Sample</u>	<u>Element</u>	<u>%Recoveries</u>	<u>Affected Samples</u>
SW-TB-1-1	Antimony	24	L2407 and L2408
	Thallium	74	
	Zinc	74	
SPW-TB2-S-1	Antimony	44	M0688 and M0716

<u>Parent Sample</u>	<u>Element</u>	<u>%Recoveries</u>	<u>Affected Samples</u>
MW-29-S-1	Cadmium	70 and 67	SB70063
	Cobalt	65 and 63	
	Antimony	40 and 32	
	Nickel	67 and 66	
	Potassium	370 and 507	
	Mercury	142 and 152	
	Zinc	67 and 66	

The ICP serial dilution evaluations of AMSF-MW-28-W-06212013 and AMSF-MW-28-W-06212013 show acceptable correlations.

The following ICP serial dilution evaluations show elevated correlations, and therefore detected results for soil samples in the indicated SDGs have been qualified as estimated in value. A matrix effect that suppresses analyte response is indicated:

<u>Parent Sample</u>	<u>Element</u>	<u>%D</u>	<u>Associated Samples</u>
SW-TB-1-1	Zinc	11	L2407 and L2408
SPW-TB2-S-1	Nickel	12	M0688 and M071
	Zinc	12	
MW-30-S-1	Aluminum	25	SB70063
	Barium	27	
	Chromium	30	
	Calcium	17	
	Iron	34	
	Magnesium	13	
	Potassium	28	
	Sodium	24	
	Manganese	36	
	Zinc	32	

The blanks show no contamination affecting sample reported results.

Volatile Analyses by EPA TO-15

Three of the canisters had apparently lost some of the vacuum, and showed elevated pressure readings (-16"Hg to -22"Hg) in the field prior to sample collection. All results for those the three affected samples, AM-SVIA16-IA, AM-SVIA4-SSV, AM-SVIA6-SSV, have been qualified as estimated. The resultant data could represent a high bias if air were introduced to the canister prior to sample collection. Of these samples, a field duplicate was collected at location AM-SVIA4-SSV in a canister with similar pressure change. That duplicate showed reasonable similarity to the parent sample (which had the greatest change, at -16 "Hg), indicating that there is not likely a large effect due to the pressure variances.

The canister for AM-SVIA7-SSV showed no residual vacuum at laboratory analysis. Results for that sample have therefore been qualified as estimated in value.

Results for analytes flagged by the laboratory with “E” (indicating response above the linear range of the instrument) are derived from the dilution analyses of the samples. For those instances where the dilution was not performed, the “E” values are qualified as estimated.

The following detected results are qualified as tentative in identification and estimated in value due to interferences in the mass spectra:

- hexane in AM-SVIA5-IA and AM-SVIA3-IA
- 1,1-dichloroethene in AM-SVIA6-IA
- methyl isobutyl ketone in AM-SVIA13-IA
- hexane and methyl isobutyl ketone in AM-SVIA12-IA
- styrene, isopropylbenzene, and 1,3,5-trimethylbenzene in AM-SVIA12-IA

The following detected results are edited to non-detection due to very poor mass spectral quality, primarily due to matrix interferences. In some cases the adjusted reporting limits are significantly elevated:

- 1,2,4-trimethylbenzene and 1,3,5-trimethylbenzene in AM-SVIA4-IA
- ethyl acetate in AM-SVIA3-IA and AM-SVIA2-IA
- hexane and ethyl acetate in AM-SVIA10-IA
- hexane in AOC10-SV-DUP and AMSF-AOC10-SV-3-A-9/27/13

Laboratory duplicate evaluations were performed on AM-SVIA16-IA, AM-SVIA2-IA, AM-SVIA9-IA, AMSF-AOC10-SV-2-A-9/27/13, and AM-SVIA14-IA. Correlations show good precision.

Initial and continuing calibration standard responses fall within analytical requirements and validation guidelines, with the exception of the following, results for which are qualified as estimated in the indicated samples:

- 1,4-dichlorobenzene, 1,2,4-trichlorobenzene, and naphthalene (32%D to 55%D) in all samples reported in M0500 except AM-SVIA4-IA
- 1,4-dichlorobenzene (31%D) in AM-SVIA5-IA, AM-SVIA6-IA, AM-SVIA13-IA, AM-SVIA12-IA, AM-SVIA16-IA, AM-SVIA8-IA, and AM-SVIA7-IA
- naphthalene (33%D) in AOC10-SV-4
- 1,2,4-trichlorobenzene (31%RSD) in AOC10-SV-4, AOC10-SV-DUP, and AOC10-SV-1

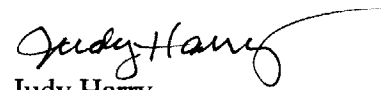
Surrogate standard, LCS analyte, and internal standard recoveries meet protocol and validation guidelines. The laboratory internal standard summary form has incorrect required limits (they show 50% to 200% instead of 60% to 140%). The sample recoveries are within the actual protocol limits.

Holding times and instrument tunes meet requirements. Method and canister blanks show no contamination.

Upon request, the laboratory provided a sample analysis canister pressure reading that had been omitted from the data package.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,

A handwritten signature in cursive script, appearing to read 'Judy Harry', with a long, sweeping horizontal line extending from the end of the signature.

Judy Harry

Att: Validation Qualifier Definitions
Client and Laboratory Sample IDs
Qualified Client Equis EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

- U** The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
- J** The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
- UJ** The analyte was not detected. The associated reported quantitation limit is an estimate and may be inaccurate or imprecise.
- NJ** The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
- R** The data are unusable. The analyte may or may not be present.
- EMPC** The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

CLIENT and LABORATORY SAMPLE IDs

Spectrum Analytical, Inc. Featuring Hanibal Technology -- Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : L2405

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
RINSATE BLANK	L2405-01	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
RINSATE BLANK	L2405-01			SW8082_W	SW7470	

Spectrum Analytical, Inc. Featuring Hanibal Technology -- Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : L2407

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
DG-TB-2-1	L2407-01	SW8260_LOW_S				
DG-TB-2-2	L2407-02	SW8260_LOW_S				
SEW-TB-1	L2407-03	SW8260_LOW_S				
TRIP BLANK	L2407-04	SW8260_W				
SW-TB-1-1	L2407-05	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
SW-TB-1-1	L2407-05			SW8082_S	SW7471	
SW-TB-1-2	L2407-06	SW8260_LOW_S				
SW-TB-3-1	L2407-07	SW8260_LOW_S				
SW-TB-3-2	L2407-08	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
SW-TB-3-2	L2407-08			SW8082_S	SW7471	
SW-TB-2	L2407-09	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
SW-TB-2	L2407-09			SW8082_S	SW7471	
DUP-2	L2407-10	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
DUP-2	L2407-10			SW8082_S	SW7471	
5B-TB-2	L2407-11	SW8260_LOW_S	SW8270_S	SW8082_S	SW6010_S	
5B-TB-2	L2407-11				SW7471	
5B-TB-1-1	L2407-12	SW8260_LOW_S				
5B-TB-1-2	L2407-13	SW8260_LOW_S	SW8270_S	SW8082_S	SW6010_S	
5B-TB-1-2	L2407-13				SW7471	
OTHER-TB-1-1	L2407-14	SW8260_LOW_S	SW8270_S			
OTHER-TB-1-2	L2407-15	SW8260_LOW_S	SW8270_S			
7-TB-1-1	L2407-16	SW8260_LOW_S			SW6010_S	
7-TB-1-1	L2407-16				SW7471	
7-TB-1-2	L2407-17	SW8260_LOW_S				
7-TB-2	L2407-18	SW8260_LOW_S			SW6010_S	
7-TB-2	L2407-18				SW7471	
PS-TB-1-1	L2407-19	SW8260_LOW_S				
PS-TB-1-1	L2407-19	SW8260_MED_S				
PS-TB-1-2	L2407-20	SW8260_MED_S	SW8270_S		SW6010_S	
PS-TB-1-2	L2407-20				SW7471	

Spectrum Analytical, Inc. Featuring Hanibal Technology -- Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : L2408

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
PS-TB-2	L2408-01	SW8260_LOW_S	SW8270_S		SW6010_S	
PS-TB-2	L2408-01	SW8260_MED_S			SW7471	
TB110912	L2408-02	SW8260_W				
TRIP BLANK	L2408-03	SW8260_W				
5A-TB-1	L2408-04	SW8260_LOW_S	SW8270_S	SW8082_S	SW6010_S	
5A-TB-1	L2408-04				SW7471	
SW-TB-4	L2408-05	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
SW-TB-4	L2408-05			SW8082_S	SW7471	
DG-TB-5A	L2408-06	SW8260_LOW_S				
DG-TB-4B-1	L2408-07	SW8260_LOW_S				
DG-TB-4B-2	L2408-08	SW8260_LOW_S				
DG-TB-4B-2	L2408-08	SW8260_MED_S				
DG-TB-3B	L2408-09	SW8260_LOW_S				
DUP-1	L2408-10	SW8260_LOW_S				
DG-TB-1-1	L2408-11	SW8260_LOW_S				
DG-TB-1-2	L2408-12	SW8260_LOW_S				
DG-TB-1-2	L2408-12	SW8260_MED_S				

Report Date:
23-Apr-13 08:39



☒ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

Stantec Consulting
61 Commercial Street
Rochester, NY 14614

Work Order: M0500
Project : Former Alliance Metal Stamping & Fabricatio
Project #:

Attn: Thomas Wells

Laboratory ID	Client Sample ID	Matrix	Date Sampled	Date Received
M0500-01	AM-SV1A5-IA	Air	04-Apr-13 15:33	10-Apr-13 11:43
M0500-02	AM-SV1A6-IA	Air	04-Apr-13 15:01	10-Apr-13 11:43
M0500-03	AM-SV1A13-IA	Air	04-Apr-13 15:09	10-Apr-13 11:43
M0500-04	AM-SV1A12-IA	Air	04-Apr-13 15:47	10-Apr-13 11:43
M0500-05	AM-SV1A16-IA	Air	04-Apr-13 12:58	10-Apr-13 11:43
M0500-06	AM-SV1A8-IA	Air	04-Apr-13 15:30	10-Apr-13 11:43
M0500-07	AM-SV1A4-IA	Air	04-Apr-13 08:09	10-Apr-13 11:43
M0500-08	AM-SV1A7-IA	Air	04-Apr-13 13:00	10-Apr-13 11:43
M0500-09	AM-SV1ADUP-IA	Air	04-Apr-13 15:34	10-Apr-13 11:43
M0500-10	AM-SV1A3-IA	Air	04-Apr-13 10:38	10-Apr-13 11:43
M0500-11	AM-SV1A14-IA	Air	04-Apr-13 15:43	10-Apr-13 11:43
M0500-12	AM-SV1AAMB-OA	Air	04-Apr-13 16:40	10-Apr-13 11:43
M0500-13	AN-SV1A11-IA	Air	04-Apr-13 10:52	10-Apr-13 11:43
M0500-14	AM-SV1A10-IA	Air	04-Apr-13 14:17	10-Apr-13 11:43
M0500-15	AM-SV1A9-IA	Air	04-Apr-13 15:02	10-Apr-13 11:43
M0500-16	AM-SV1A2-IA	Air	04-Apr-13 14:17	10-Apr-13 11:43
M0500-17	AM-SV1A15-IA	Air	04-Apr-13 15:28	10-Apr-13 11:43
M0500-18	AM-SV1A1-IA	Air	04-Apr-13 15:39	10-Apr-13 11:43

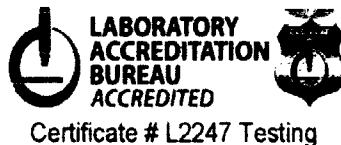
I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the sample(s) as received. This report may not be reproduced, except in full, without written approval from Spectrum Analytical.

All applicable NELAC or USEPA CLP requirements have been met.

Spectrum Analytical (Rhode Island) is accredited under the National Environmental Laboratory Approval Program (NELAP) and DoD Environmental Laboratory Accreditation Program (ELAP), holds Organic and Inorganic contracts under the USEPA CLP Program and is certified under several states. The current list of our laboratory approvals and certifications is available on the Certifications page on our web site at www.spectrum-analytical.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

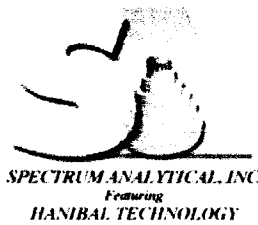
Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Florida	E87664
Maine	2007037
Massachusetts	M-R1907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Rhode Island	LAI00301
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-11-033



Authorized by:

Yihai Ding
Laboratory Director

Report Date:
23-Apr-13 08:46



☒ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

Stantec Consulting
61 Commercial Street
Rochester, NY 14614

Work Order: M0501
Project : Former Alliance Metal Stamping & Fabricatio
Project #:

Attn: Thomas Wells

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
M0501-01	AM-SV1A12-SSV	Air	04-Apr-13 14:22	10-Apr-13 11:50
M0501-02	AM-SV1A16-SSV	Air	04-Apr-13 14:33	10-Apr-13 11:50
M0501-03	AM-SV1A14-SSV	Air	04-Apr-13 15:44	10-Apr-13 11:50
M0501-04	AM-SV1A13-SSV	Air	04-Apr-13 15:45	10-Apr-13 11:50
M0501-05	AM-SV1A7-SSV	Air	04-Apr-13 15:00	10-Apr-13 11:50
M0501-06	AM-SV1A15-SSV	Air	04-Apr-13 13:18	10-Apr-13 11:50
M0501-07	AM-SV1A2-SSV	Air	04-Apr-13 15:40	10-Apr-13 11:50
M0501-08	AM-SV1A3-SSV	Air	04-Apr-13 13:24	10-Apr-13 11:50
M0501-09	AM-SV1A1-SSV	Air	04-Apr-13 13:22	10-Apr-13 11:50
M0501-10	AM-SV1A4-SSV	Air	04-Apr-13 11:47	10-Apr-13 11:50
M0501-11	AM-SV1A6-SSV	Air	04-Apr-13 14:05	10-Apr-13 11:50
M0501-12	AM-SV1A10-SSV	Air	04-Apr-13 15:10	10-Apr-13 11:50
M0501-13	AM-SV1ADUP-SSV	Air	04-Apr-13 15:32	10-Apr-13 11:50
M0501-14	AM-SV1A5-SSV	Air	04-Apr-13 14:26	10-Apr-13 11:50
M0501-15	AM-SV1A11-SSV	Air	04-Apr-13 15:08	10-Apr-13 11:50
M0501-16	AM-SV1A9-SSV	Air	04-Apr-13 16:05	10-Apr-13 11:50
M0501-17	AM-SV1A8-SSV	Air	04-Apr-13 15:30	10-Apr-13 11:50

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. This report may not be reproduced, except in full, without written approval from Spectrum Analytical.

All applicable NELAC or USEPA CLP requirements have been met.

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Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Florida	E87664
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Rhode Island	LAI00301
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-11-033



Certificate # L2247 Testing

Authorized by:

Yihai Ding
Laboratory Director

Spectrum Analytical, Inc. Featuring Hanibal Technology -- Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : M0596

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
MW-21-S-1	M0596-01	SW8260_LOW_S				
MW-22-S-1	M0596-02	SW8260_LOW_S				
MW-25-S-1	M0596-03	SW8260_LOW_S	SW8270_S	SW8082_S		
MW-25-S-2	M0596-04	SW8260_LOW_S	SW8270_S	SW8082_S		
MW-23-S-1	M0596-05	SW8260_LOW_S				

Spectrum Analytical Inc. - North Kingstown RI – Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : M0688

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
MW-20-S-1	M0688-01	SW8260_LOW_S				
MW-20-S-2	M0688-02	SW8260_LOW_S				
MW-26-S-1	M0688-03	SW8260_LOW_S			SW6010_S	
MW-26-S-1	M0688-03				SW7471	
AOC11-TB2-SS-1	M0688-04		SW8270_S	SW8081_S	SW6010_S	
AOC11-TB2-SS-1	M0688-04			SW8082_S	SW7471	
AOC11-TB2-S-1	M0688-05	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
AOC11-TB2-S-1	M0688-05			SW8082_S	SW7471	
MW-28-S-1	M0688-06	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
MW-28-S-1	M0688-06			SW8082_S	SW7471	

Spectrum Analytical Inc. - North Kingstown RI -- Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : M0716

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
AOC11-TB1-SS-1	M0716-01		SW8270_S	SW8081_S	SW6010_S	
AOC11-TB1-SS-1	M0716-01			SW8082_S	SW7471	
AOC11-TB1-S-1	M0716-02	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
AOC11-TB1-S-1	M0716-02			SW8082_S	SW7471	
AOC11-TB3-SS-1	M0716-03		SW8270_S	SW8081_S	SW6010_S	
AOC11-TB3-SS-1	M0716-03			SW8082_S	SW7471	
AOC11-TB3-S-1	M0716-04	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
AOC11-TB3-S-1	M0716-04			SW8082_S	SW7471	
MW-DUP-S-1	M0716-05	SW8260_LOW_S	SW8270_S	SW8081_S	SW6010_S	
MW-DUP-S-1	M0716-05			SW8082_S	SW7471	
MW-27-S-1	M0716-06	SW8260_LOW_S	SW8270_S		SW6010_S	
MW-27-S-1	M0716-06				SW7471	
AMSF-TB-050813	M0716-07	SW8260_W				
AMSF-EB-050813	M0716-08	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
AMSF-EB-050813	M0716-08				SW7470	
SPW-TB2-S-1	M0716-09	SW8260_LOW_S	SW8270_S		SW6010_S	
SPW-TB2-S-1	M0716-09				SW7471	

CROSS REFERENCE TABLE

SW846 8260C

Laboratory:	<u>Spectrum Analytical, Inc. - Agawam, MA</u>	SDG:	<u>70063</u>
Client:	<u>Stantec Consulting Services - Rochester, NY</u>	Project:	<u>AMSF - Gates, NY</u>
Project Number:	<u>190500647</u>		

Client Sample ID:	Lab Sample ID:
<u>AMSF-TB-051413</u>	<u>SB70063-01</u>
<u>MW-30-S-1</u>	<u>SB70063-02RE1</u>
<u>MW-30-S-2</u>	<u>SB70063-03RE1</u>
<u>MW-29-S-1 (MS/MSD)</u>	<u>SB70063-04RE1</u>

Spectrum Analytical Inc. - North Kingstown RI -- Rhode Island Division

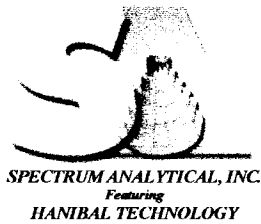
New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : M1024

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
AMSF-TB-06182013	M1024-01	SW8260_W				
AMSF-MW-27-W-06182013	M1024-02	SW8260_W	SW8270_W		SW6010_W	
AMSF-MW-27-W-06182013	M1024-02				SW7470	
AMSF-MW-31-W-06182013	M1024-03	SW8260_W				
AMSF-MW-9S-W-0618201	M1024-04	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
AMSF-MW-9S-W-0618201	M1024-04			SW8082_W	SW7470	
AMSF-MW-4-W-06182013	M1024-05	SW8260_W				
AMSF-MW-21-W-06192013	M1024-06	SW8260_W			SW6010_W	
AMSF-MW-20-W-06192013	M1024-07	SW8260_W			SW6010_W	
AMSF-MW-22-W-06192013	M1024-08	SW8260_W				
AMSF-MW-23-W-06192013	M1024-09	SW8260_W				
AMSF-MW-25-W-06192013	M1024-10	SW8260_W	SW8270_W	SW8082_W		

Report Date:
08-Jul-13 10:35



- ☒ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

Stantec Consulting
61 Commercial Street
Rochester, NY 14614

Work Order: M1045
Project : Former Alliance Metal Stamping & Fabricatio
Project #:

Attn: David Gnage

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
M1045-01	AOC10-SV-4	Air	21-Jun-13 13:32	26-Jun-13 12:22
M1045-02	AOC10-SV-DUP	Air	21-Jun-13 13:39	26-Jun-13 12:22
M1045-03	AOC10-SV-1	Air	21-Jun-13 12:42	26-Jun-13 12:22

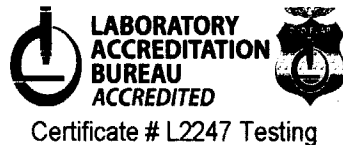
I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. The results relate only to the samples(s) as received. This report may not be reproduced, except in full, without written approval from Spectrum Analytical.

All applicable NELAC or USEPA CLP requirements have been met.

Spectrum Analytical (Rhode Island) is accredited under the National Environmental Laboratory Approval Program (NELAP) and DoD Environmental Laboratory Accreditation Program (ELAP), holds Organic and Inorganic contracts under the USEPA CLP Program and is certified under several states. The current list of our laboratory approvals and certifications is available on the Certifications page on our web site at www.spectrum-analytical.com.

Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Florida	E87664
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Rhode Island	LAI00301
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-11-033



Authorized by:

Yihai Ding
Laboratory Director

Spectrum Analytical Inc. - North Kingstown RI -- Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : M1053

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
AMSF-MW-3S-W-0620201	M1053-01	SW8260_W				
AMSF-TB-06202013	M1053-02	SW8260_W				
AMSF-MW-10-W-06202013	M1053-03	SW8260_W				
AMSF-MW-26-W-06202013	M1053-04	SW8260_W			SW6010_W	
AMSF-MW-26-W-06202013	M1053-04				SW7470	
EQUIPMENT BLANK	M1053-05	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
EQUIPMENT BLANK	M1053-05			SW8082_W	SW7470	
AMSF-MW-1S-W-0620201	M1053-06	SW8260_W				
AMSF-MW-28-W-06212013	M1053-07	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
AMSF-MW-28-W-06212013	M1053-07			SW8082_W	SW7470	
AMSF-MW-29-W-06212013	M1053-08	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
AMSF-MW-29-W-06212013	M1053-08			SW8082_W	SW7470	
AMSF-MW-30-W-06212013	M1053-09	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
AMSF-MW-30-W-06212013	M1053-09			SW8082_W	SW7470	
AMSF-MW-DUP-W-062120	M1053-10	SW8260_W	SW8270_W	SW8081_W	SW6010_W	
AMSF-MW-DUP-W-062120	M1053-10			SW8082_W	SW7470	

Report Date:
15-Oct-13 12:57



☒ Final Report
☐ Re-Issued Report
☐ Revised Report

Laboratory Report

Stantec Consulting
61 Commercial Street
Rochester, NY 14614

Work Order: M1897
Project : Former Alliance Metal Stamping & Fabricatio
Project #:

Attn: David Gnage

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
M1897-01	AMSF-AOC10-SV-2-A-9/27/13	Air	27-Sep-13 14:28	02-Oct-13 10:08
M1897-02	AMSF-AOC10-SV-3-A-9/27/13	Air	27-Sep-13 14:35	02-Oct-13 10:08

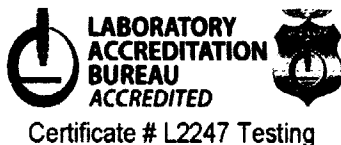
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Please contact the Laboratory or Technical Director at 401-732-3400 with any questions regarding the data contained in the laboratory report.

Department of Defense	N/A
Connecticut	PH-0153
Delaware	N/A
Florida	E87664
Maine	2007037
Massachusetts	M-RI907
New Hampshire	2631
New Jersey	RI001
New York	11522
North Carolina	581
Rhode Island	LAI00301
USDA	P330-08-00023
USEPA - ISM	EP-W-09-039
USEPA - SOM	EP-W-11-033



Authorized by:

Yihai Ding
Laboratory Director

Spectrum Analytical Inc. - North Kingstown RI -- Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site -- 140500647

SDG : M1902

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
AMSF-MW-23-W-092513	M1902-01	SW8260_W				
AMSF-MW-25-092513	M1902-02	SW8260_W				
AMSF-MW-22-W-092513	M1902-03	SW8260_W				
AMSF-MW-31-W-092513	M1902-04	SW8260_W			SW6010_W	
AMSF-MW-31-W-092513	M1902-04				SW7470	
AMSF-MW-20-W-092513	M1902-05	SW8260_W				
AMSF-MW-21-W-092513	M1902-06	SW8260_W				
AMSF-MW-26-W-092613	M1902-07	SW8260_W			SW6010_W	
AMSF-MW-26-W-092613	M1902-07				SW7470	
AMSF-MW-DUP-W-092613	M1902-08	SW8260_W			SW6010_W	
AMSF-MW-DUP-W-092613	M1902-08				SW7470	
AMSF-MW-27-W-092613	M1902-09	SW8260_W			SW6010_W	
AMSF-MW-27-W-092613	M1902-09				SW7470	
AMSF-MW-10-W-092613	M1902-10	SW8260_W				
AMSF-MW-3S-W-092613	M1902-11	SW8260_W				
AMSF-MW-1S-W-092613	M1902-12	SW8260_W				
AMSF-MW-7-W-092613	M1902-13	SW8260_W				
AMSF-MW-4-W-092713	M1902-14	SW8260_W			SW6010_W	
AMSF-MW-4-W-092713	M1902-14				SW7470	
AMSF-MW-9S-W-092713	M1902-15	SW8260_W				
AMSF-MW-28-W-092713	M1902-16	SW8260_W				
AMSF-MW-29-W-092713	M1902-17	SW8260_W				
AMSF-MW-30-W-092713	M1902-18	SW8260_W				

Data Validation Services

120 Cobble Creek Road P.O. Box 208
North Creek, NY 12853

Phone 518-251-4429
harry@frontiernet.net

November 6, 2015

Thomas Wells
Stantec
61 Commercial St.
Rochester, NY 14614

RE: Validation of the Former Alliance Metals Stamping and Fabrication (AMSF) Site
Data Usability Summary Report (DUSR)

Dear Mr. Wells:

Review has been completed for the data packages generated by Spectrum Analytical, Inc that pertain to samples collected between June 26, 2015 and August 20, 2015 at the AMSF site. Thirty two aqueous samples and two field duplicates were analyzed for TCL volatiles by USEPA SW846 method 8260C and 1,4-dioxane by 8270D Selective Ion Monitoring (SIM). Equipment and trip blanks were also processed.

The data package submitted by the laboratory contains full deliverables for validation, but this usability report is generated from review of the QC summary form information, with full review of sample raw data and limited review of associated QC raw data. The reported QC summary forms and sample raw data have been reviewed for application of validation qualifiers, in accordance with the project QAPP, with guidance from the USEPA national and regional validation documents, and in consideration for the specific requirements of the analytical methodology. The following items were reviewed:

- * Data Completeness
- * Case Narrative
- * Custody Documentation/Sample Receipt
- * Holding Times
- * Surrogate and Internal Standard Recoveries
- * Calibration/Equipment/Trip/Method Blanks
- * Laboratory Control Sample (LCS)
- * Blind Field Duplicate Correlations
- * Instrumental Tunes
- * Calibration Standards
- * Method Compliance
- * Sample Result Verification

The data review includes evaluation of the specific items noted in The NYS DER-10 Appendix B section 2.0 (c). The items listed above that show deficiencies are discussed within the text of this narrative. The laboratory QC forms illustrating the excursions can be found within the laboratory data package.

In summary, most results are usable either as reported or with minor qualification or edit. However, the following items of concern are noted:

- 1,4-dioxane results processed by the volatile methodology that report no detection are not usable. There are usable results for this compound from the semivolatile methodology, so no data gap exists.
- Many of the low level 1,4-dioxane detections in samples collected in June are edited to non-detection due to inconclusive identification

The accuracy, precision, data completeness, representativeness, and the analytical method comparability are acceptable.

Copies of the client sample identifications are attached to this text, and should be reviewed in conjunction with this report. Also attached are the client EDD files, with recommended qualifiers/edits applied in red.

Chain-of-Custody/Sample Receipt

The writeovers and scratchouts on the custody forms should have been dated and initialed.

Field Duplicate Correlations

Aqueous field duplicates were collected at locations AMSF-MW-31-062915 and AMSF-MW-31-081915, and show acceptable correlations for all analytes except 1,1-dichloroethane ($>\pm$ CRDL) in AMSF-MW-31-081915. The results for that compound in that parent sample and its field duplicate have been qualified as estimated.

Volatile Analyses by EPA8260C

The detection of vinyl chloride in AMSF-MW-34-062915 is edited to reflect non-detection due to poor mass spectral identification.

AMSF-MW-20-081915, AMSF-MW-29-081915, and AMSF-MW-32-081915 show outlying surrogate recoveries in the undiluted analyses, and compliant recoveries in the dilutions. Results for the undiluted analyses of those samples have been qualified as estimated, with a possible low bias.

The matrix spikes of AMSF-MW-9S-W-062915 and AMSF-MW-9S-W-081815 show acceptable recoveries and correlations, with the exceptions of those for 1,1-dichloroethene and methyl acetate in AMSF-MW-9S-W-062915. The results for those two compounds have been qualified as estimated in that parent sample.

Results for analytes flagged by the laboratory as "E" in the initial analyses are derived from the dilution analyses of the samples.

The results for 1,4-dioxane processed by method 8260C that show no detection are not usable due to low responses inherent in the methodology, and have been rejected. The lone detection has been qualified as estimated in value. Other calibration standards show acceptable responses, with the following exceptions, results for which are qualified as estimated in the indicated samples:

- carbon tetrachloride (23%D and 24%D) in samples collected in June

- bromomethane (38%D) in AMSF-MW-1S-W-081815, AMSF-MW-7-W-081815, AMSF-MW-13S-W-081815, AMSF-MW-16I-W-081815, AMSF-MW-20-W-081915, AMSF-MW-22-W-081915, AMSF-MW-23-W-0819 15, AMSF-MW-29-W-081915, AMSF-MW-32-W-081915, and AMSF-Trip Blank.
- bromoform (26%RSD) in AMSF-MW-21-W-081915, AMSF-MW-31-W-081915, AMSF-MW-34-W-081915, AMSF-MW-26-W-082015, AMSF-RW-2-W-082015, AMSF-RW-3-W-082015, and AMSF-MW-DUP-W-081915

It is noted that the standard reference spectrum for 1,4-dioxane on instrument V10 is incorrect. Reported results are unaffected.

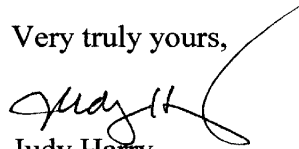
1,4-Dioxane Analyses by EPA8270D-SIM

The raw data mass spectra and ion plots for the low concentration detections (below 3 ug/L) of 1,4-dioxane in nine of the samples collected in June are not sufficiently definitive enough to ensure proper identification. The responses are too close to instrument background. Those detections have been edited to reflect non-detection at the originally reported concentrations. It can be said that the compound is not present at concentrations above those adjusted limits.

The matrix spike evaluations of AMSF-MW-9S-W-062915 and AMSF-MW-9S-W-081815 are not applicable due to the relatively higher sample concentrations.

Please do not hesitate to contact me if questions or comments arise during your review of this report.

Very truly yours,



Judy Harry

Att: Validation Qualifier Definitions
Client and Laboratory Sample IDs
Qualified Client EDDs

VALIDATION DATA QUALIFIER DEFINITIONS

U	The analyte was analyzed for, but was not detected above the level of the associated reported quantitation limit.
J	The analyte was positively identified; the associated numerical value is an approximate concentration of the analyte in the sample.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
J+	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased high.
UJ	The analyte was analyzed for, but was not detected. The associated reported quantitation limit is approximate and may be inaccurate or imprecise.
NJ	The detection is tentative in identification and estimated in value. Although there is presumptive evidence of the analyte, the result should be used with caution as a potential false positive and/or elevated quantitative value.
R	The data are unusable. The sample results are rejected due to serious deficiencies in meeting Quality Control limits. The analyte may or may not be present.
EMPC	The results do not meet all criteria for a confirmed identification. The quantitative value represents the Estimated Maximum Possible Concentration of the analyte in the sample.

CLIENT and LABORATORY SAMPLE IDs

Spectrum Analytical Inc. - North Kingstown RI -- Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : P1124

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
AMSF-MW-16I-W-062615	P1124-01	SW8260_W	BNA_SIM_W			
AMSF-MW-13S-W-062615	P1124-02	SW8260_W	BNA_SIM_W			
AMSF-MW-7-W-062615	P1124-03	SW8260_W	BNA_SIM_W			
AMSF-MW-32-W-062615	P1124-04	SW8260_W	BNA_SIM_W			
AMSF-MW-33-W-062615	P1124-05	SW8260_W	BNA_SIM_W			
AMSF-MW-1S-W-062915	P1124-06	SW8260_W	BNA_SIM_W			
AMSF-MW-9S-W-062915	P1124-07	SW8260_W	BNA_SIM_W			
AMSF-MW-20-W-063015	P1124-08	SW8260_W	BNA_SIM_W			
AMSF-MW-21-W-063015	P1124-09	SW8260_W	BNA_SIM_W			
AMSF-MW-26-W-063015	P1124-10	SW8260_W	BNA_SIM_W			
AMSF-MW22-W-063015	P1124-11	SW8260_W	BNA_SIM_W			
AMSF-MW23-W-063015	P1124-12	SW8260_W	BNA_SIM_W			
AMSF-MW-29-W-062915	P1124-13	SW8260_W	BNA_SIM_W			
AMSF-MW-31-W-062915	P1124-14	SW8260_W	BNA_SIM_W			
AMSF-MW-34-W-062915	P1124-15	SW8260_W	BNA_SIM_W			
AMSF-EQUIPMENTBLANK- 062915	P1124-16	SW8260_W	BNA_SIM_W			
AMSF-DUP-W-062915	P1124-17	SW8260_W	BNA_SIM_W			
AMSF-TRIPBLANK1	P1124-18	SW8260_W				
AMSF-TRIPBLANK2	P1124-19	SW8260_W				

Spectrum Analytical Inc. - North Kingstown RI -- Rhode Island Division

New York State Department of Environmental Conservation Sample Identification and Analytical Requirements Summary

Project Name : Former Alliance Metal Sampling & Fabrication Site

SDG : P1291

Customer Sample ID	Laboratory Sample ID	Analytical Requirements				
		MSVOA Method #	MSSEMI Method #	GC* Method #	ME	Other
AMSF-MW-1S-W-081815	P1291-01	SW8260_W	BNA_SIM_W			
AMSF-MW-7-W-081815	P1291-02	SW8260_W	BNA_SIM_W			
AMSF-MW-9S-W-081815	P1291-03	SW8260_W	BNA_SIM_W			
AMSF-MW-13S-W-081815	P1291-04	SW8260_W	BNA_SIM_W			
AMSF-MW-16I-W-081815	P1291-05	SW8260_W	BNA_SIM_W			
AMSF-MW-20-W-081915	P1291-06	SW8260_W	BNA_SIM_W			
AMSF-MW-21-W-081915	P1291-07	SW8260_W	BNA_SIM_W			
AMSF-MW-22-W-081915	P1291-08	SW8260_W	BNA_SIM_W			
AMSF-MW-23-W-081915	P1291-09	SW8260_W	BNA_SIM_W			
AMSF-MW-29-W-081915	P1291-10	SW8260_W	BNA_SIM_W			
AMSF-MW-31-W-081915	P1291-11	SW8260_W	BNA_SIM_W			
AMSF-MW-32-W-081915	P1291-12	SW8260_W	BNA_SIM_W			
AMSF-MW-33-W-081815	P1291-13	SW8260_W	BNA_SIM_W			
AMSF-MW-34-W-081915	P1291-14	SW8260_W	BNA_SIM_W			
AMSF-MW-26-W-082015	P1291-15	SW8260_W	BNA_SIM_W			
AMSF-RW-2-W-082015	P1291-16	SW8260_W	BNA_SIM_W			
AMSF-RW-3-W-082015	P1291-17	SW8260_W	BNA_SIM_W			
AMSF-DUP-W-081915	P1291-18	SW8260_W	BNA_SIM_W			
AMSF-RINSEBLANK-W-081915	P1291-19	SW8260_W	BNA_SIM_W			
AMSF-TRIPBLANK	P1291-20	SW8260_W				

Table A1
Summary of Soil Sample Analysis Results - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern		Units	NYSDEC Soil Cleanup Objectives (SCOs) Refer to notes on last page for explanation of letter codes	AOC 1 - Former Degreaser Area											AOC 2 - Former Drainage Swale									
Sample Location	Sample Date			AMSF-MW-20 29-Apr-13	AMSF-MW-20 29-Apr-13	AMSF-MW-21 17-Apr-13	AMSF-MW-22 22-Apr-13	DG-TB-1 7-Nov-12	DG-TB-1 7-Nov-12	DG-TB-2 8-Nov-12	DG-TB-2 8-Nov-12	DG-TB-3B 7-Nov-12	DG-TB-3B 7-Nov-12	DG-TB-4B 7-Nov-12	DG-TB-4B 7-Nov-12	DG-TB-5A 7-Nov-12	AMSF-MW-23 24-Apr-13	SW-TB-1 8-Nov-12	SW-TB-1 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-3 8-Nov-12	SW-TB-3 8-Nov-12	SW-TB-4 7-Nov-12
Sample ID				MW-20-S-1	MW-20-S-2	MW-21-S-1	MW-22-S-1	DG-TB-1-1	DG-TB-1-2	DG-TB-2-1	DG-TB-2-2	DG-TB-3B	DUP-1	DG-TB-4B-1	DG-TB-4B-2	DG-TB-5A	MW-23-S-1	SW-TB-1-1	SW-TB-1-2	SW-TB-2	DUP-2	SW-TB-3-2	SW-TB-3-1	SW-TB-4
Sample Depth				6.9 - 7 ft	10 - 10.3 ft	2.5 ft	7 ft	5.5 ft	7.5 ft	2.5 ft	5.5 ft	10.2 ft	10.2 ft	8.8 ft	10 ft	8 ft	2.5 ft	5.5 ft	8 ft	4 - 5.5 ft	4 - 5.5 ft	4.5 ft	11.8 ft	3.1 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order				M0688	M0688	M0596	M0596	L2408	L2408	L2407	L2407	L2408	L2408	L2408	L2408	L2408	M0596	L2407	L2407	L2407	L2407	L2407	L2407	L2408
Laboratory Sample ID				M0688-01	M0688-02	M0596-01	M0596-02	L2408-11	L2408-12	L2407-01	L2407-02	L2408-09	L2408-10	L2408-07	L2408-08	L2408-06	M0596-05	L2407-05	L2407-06	L2407-09	L2407-10	L2407-08	L2407-07RE	L2408-05
Sample Type													Field Duplicate							Field Duplicate				
Volatile Organic Compounds																								
Acetone	µg/kg	50 ^{AC} 500000 ^B	56 UJ	57 UJ	4.2 J	5.7 U	6.4 UJ	7.4 UJ	5.9 UJ	7.0 UJ	6.4 UJ	7.1 UJ	23 UJ	4.9 UJ	6.9 UJ	5.6 U	4.9 UJ	6.0 UJ	9 UJ	13 UJ	17 UJ	6.8 UJ	5.6 UJ	
Acrylonitrile	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzene	µg/kg	60 ^{AC} 44000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Bromobenzene	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Bromodichloromethane	µg/kg	100000 ^A 500000 ^B 1000000 ^D	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Bromoform (Tribromomethane)	µg/kg	100000 ^A 500000 ^B 1000000 ^D	56 U	57 U	5.5 U	5.7 U	6.4 UJ	6.4 UJ	5.9 UJ	7.0 UJ	6.4 UJ	7.1 UJ	6.8 UJ	4.9 UJ	6.9 UJ	5.6 U	4.9 UJ	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	
Bromomethane (Methyl bromide)	µg/kg	100000 ^A 500000 ^B 1000000 ^D	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Butylbenzene, n-	µg/kg	12000 ^{AC} 500000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11000 ^{AC} 500000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Butylbenzene, tert-	µg/kg	5900 ^{AC} 500000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Carbon Disulfide	µg/kg	100000 ^A 500000 ^B 1000000 ^D 500000 ^D 2700 ^F	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760 ^{AC} 22000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Chlorobenzene (Monochlorobenzene)	µg/kg	1100 ^{AC} 500000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Chlorobromomethane	µg/kg	n/v	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Chloroethane (Ethyl Chloride)	µg/kg	100000 ^A 500000 ^B 1000000 ^D 500000 ^D 1900 ^F	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Chloroform (Trichloromethane)	µg/kg	370 ^{AC} 350000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Chloromethane	µg/kg	100000 ^A 500000 ^B 1000000 ^D	56 U	57 U	5.5 U	5.7 U	6.4 UJ	6.4 UJ	5.9 UJ	7.0 UJ	6.4 UJ	7.1 UJ	6.8 UJ	4.9 UJ	6.9 UJ	5.6 U	4.9 UJ	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	
Chlorotoluene, 2-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Chlorotoluene, 4-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Cyclohexane	µg/kg	n/v	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	n/v	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Dibromochloromethane	µg/kg	100000 ^A 500000 ^B 1000000 ^D 500000 ^D	56 U	57 U	5.5 U	5.7 U	6.4 UJ	6.4 UJ	5.9 UJ	7.0 UJ	6.4 UJ	7.1 UJ	6.8 UJ	4.9 UJ	6.9 UJ	5.6 U	4.9 UJ	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	
Dibromomethane (Methylene Bromide)	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dichlorobenzene, 1,2-	µg/kg	1100 ^{AC} 500000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Dichlorobenzene, 1,3-	µg/kg	2400 ^{AC} 280000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Dichlorobenzene, 1,4-	µg/kg	1800 ^{AC} 130000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Dichlorobutene, trans-1,4-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Dichlorodifluoromethane (Freon 12)	µg/kg	n/v	56 U	57 U	5.5 U	5.7 U	6.4 UJ	6.4 UJ	5.9 UJ	7.0 UJ	6.4 UJ	7.1 UJ	6.8 UJ	4.9 UJ	6.9 UJ	5.6 U	4.9 UJ	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	
Dichloroethane, 1,1-	µg/kg	270 ^{AC} 240000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	1.9 J	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	
Dichloroethane, 1,2-	µg/kg	20 _m ^A 30000 ^B 20 _g ^C	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Dichloroethene, 1,1-	µg/kg	330 ^{AC} 500000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Dichloroethene, cis-1,2-	µg/kg																							

Table A1
Summary of Soil Sample Analysis Results - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern		Units	NYSDEC Soil Cleanup Objectives (SCOs) Refer to notes on last page for explanation of letter codes	AOC 1 - Former Degreaser Area												AOC 2 - Former Drainage Swale								
Sample Location	Sample Date			AMSF-MW-20 29-Apr-13	AMSF-MW-20 29-Apr-13	AMSF-MW-21 17-Apr-13	AMSF-MW-22 22-Apr-13	DG-TB-1 7-Nov-12	DG-TB-1 7-Nov-12	DG-TB-2 8-Nov-12	DG-TB-2 8-Nov-12	DG-TB-3B 7-Nov-12	DG-TB-3B 7-Nov-12	DG-TB-4B 7-Nov-12	DG-TB-4B 7-Nov-12	DG-TB-5A 7-Nov-12	AMSF-MW-23 24-Apr-13	SW-TB-1 8-Nov-12	SW-TB-1 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-3 8-Nov-12	SW-TB-3 8-Nov-12	SW-TB-4 7-Nov-12
Sample ID				MW-20-S-1	MW-20-S-2	MW-21-S-1	MW-22-S-1	DG-TB-1-1	DG-TB-1-2	DG-TB-2-1	DG-TB-2-2	DG-TB-3B	DUP-1	DG-TB-4B-1	DG-TB-4B-2	DG-TB-5A	MW-23-S-1	SW-TB-1-1	SW-TB-1-2	SW-TB-2	DUP-2	SW-TB-3-2	SW-TB-3-1	SW-TB-4
Sample Depth				6.9 - 7 ft	10 - 10.3 ft	2.5 ft	7 ft	5.5 ft	7.5 ft	2.5 ft	5.5 ft	10.2 ft	10.2 ft	8.8 ft	10 ft	8 ft	2.5 ft	5.5 ft	8 ft	4 - 5.5 ft	4 - 5.5 ft	4.5 ft	11.8 ft	3.1 ft
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order				M0688	M0688	M0596	M0596	L2408	L2408	L2407	L2407	L2408	L2408	L2408	L2408	L2408	M0596	L2407	L2407	L2407	L2407	L2407	L2407	L2408
Laboratory Sample ID				M0688-01	M0688-02	M0596-01	M0596-02	L2408-11	L2408-12	L2407-01	L2407-02	L2408-09	L2408-10	L2408-07	L2408-08	L2408-06	M0596-05	L2407-05	L2407-06	L2407-09	L2407-10	L2407-08	L2407-07RE	L2408-05
Sample Type													Field Duplicate								Field Duplicate			
Volatile Organic Compounds (conf'd)																								
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100000 ^A 500000 ^B 1000000 ^C	56 UJ	57 UJ	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Isopropylbenzene	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 2300 ^F	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 UJ	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Isopropyltoluene, p- (Cymene)	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 10000 ^F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Methyl Acetate	µg/kg	n/v	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 UJ	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Methyl Ethyl Ketone (MEK)	µg/kg	120 ^{AC} 500000 ^B 500000 ^D 300 ^F	56 UJ	57 UJ	5.5 UJ	5.7 UJ	6.4 UJ	6.4 UJ	5.9 UJ	7.0 UJ	6.4 UJ	7.1 UJ	6.8 UJ	4.9 UJ	6.9 UJ	5.6 UJ	4.9 UJ	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	
Methyl Isobutyl Ketone (MIBK)	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 1000 ^F	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Methyl tert-butyl ether (MTBE)	µg/kg	930 ^{AC} 500000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Methylcyclohexane	µg/kg	n/v	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Methylene Chloride (Dichloromethane)	µg/kg	50 ^{AC} 500000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Naphthalene	µg/kg	12000 ^{AC} 500000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/kg	3900 ^{AC} 500000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Styrene	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Tert Amyl Methyl Ether	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tert-Butyl Alcohol	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tetrachloroethane, 1,1,1,2-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Tetrachloroethane, 1,1,2,2-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 600 ^F	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Tetrachloroethene (PCE)	µg/kg	1300 ^{AC} 150000 ^B 500000 ^D	1300	2200 ^{AC}	79	5.7 U	240	780	25 J	53 J	91 J	27 J	150 J	370	53 J	33	16 J	84 J	5.8 J	7.7 J	8.4 J	38 J	37	
Tetrahydrofuran	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Toluene	µg/kg	700 ^{AC} 500000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Trichlorobenzene, 1,2,3-	µg/kg	500000 ^D	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Trichlorobenzene, 1,2,4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 3400 ^F	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Trichlorobenzene, 1,3,5-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trichloroethane, 1,1,1-	µg/kg	680 ^{AC} 500000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 J	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	18 J	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Trichloroethane, 1,1,2-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	11 J	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Trichloroethene (TCE)	µg/kg	470 ^{AC} 200000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	1.7 J	2.5 J	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Trichlorofluoromethane (Freon 11)	µg/kg	n/v	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Trichloropropane, 1,2,3-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 340 ^F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trichlorotrifluoroethane (Freon 113)	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 6000 ^F	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Trimethylbenzene, 1,2,4-	µg/kg	3600 ^{AC} 190000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/kg	8400 ^{AC} 190000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Vinyl chloride	µg/kg	20 ^{AC} 13000 ^B	56 U	57 U	5.5 U	5.7 U	6.4 UJ	6.4 UJ	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 UJ	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 UJ	
Xylene, m & p-	µg/kg	260 ^A 500000 ^B 1600 ^C	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Xylene, o-	µg/kg	260 ^A 500000 ^B 1600 ^C	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Xylenes, Total	µg/kg	260 ^A 500000 ^B 1600 ^C	56 U	57 U	5.5 U	5.7 U	6.4 U	6.4 U	5.9 UJ	7.0 U	6.4 UJ	7.1 UJ	6.8 UJ	4.9 U	6.9 UJ	5.6 U	4.9 U	6.0 UJ	5.1 UJ	5.3 UJ	5.3 UJ	6.8 UJ	5.6 U	
Volatile Tentatively Identified Compounds																								
Tentatively Identified Compound	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

See last page for notes.

Table A1
Summary of Soil Sample Analysis Results - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern		Units	NYSDEC Soil Cleanup Objectives (SCOs) Refer to notes on last page for explanation of letter codes	AOC 3 - East Side Sanitary Sewer	AOC 4 - Former Press Pit		AOC 5 - Former Waste Storage Areas				AOC 6 - Paint Shop, and AOC 7 - Former Plating Area							AOC 8 - Former Spray Wash Area			AOC 10 - Sitewide Conditions				
Sample Location	Sample Date			SEW-TB-1 8-Nov-12	AMSF-MW-25 23-Apr-13	AMSF-MW-25 23-Apr-13	5A-TB-1 7-Nov-12	5B-TB-1 9-Nov-12	5B-TB-1 9-Nov-12	5B-TB-2 9-Nov-12	PS-TB-1 9-Nov-12	PS-TB-1 9-Nov-12	PS-TB-2 9-Nov-12	7-TB-1 9-Nov-12	7-TB-1 9-Nov-12	7-TB-2 9-Nov-12	AMSF-MW-26 1-May-13	AMSF-MW-27 7-May-13	SPW-TB-2 8-May-13	AMSF-MW-28 1-May-13	AMSF-MW-29 15-May-13	AMSF-MW-30 14-May-13	AMSF-MW-30 14-May-13		
Sample ID				SEW-TB-1	MW-25-S-2	MW-25-S-1	5A-TB-1	5B-TB-1-2	5B-TB-1-1	5B-TB-2	PS-TB-1-2	PS-TB-1-1	PS-TB-2	7-TB-1-1	7-TB-1-2	7-TB-2	MW-26-S-1	MW-27-S-1	SPW-TB2-S-1	MW-28-S-1	MW-29-S-1 (MS/MSD)	MW-30-S-1	MW-30-S-2		
Sample Depth				5 ft	7 - 8 ft	9.5 - 10.5 ft	4.5 ft	3 - 4 ft	6.8 ft	3 - 4 ft	2 - 4 ft	8 ft	2 - 4 ft	2 - 3 ft	13.7 ft	2 - 4 ft	8 - 8.4 ft	7.5 - 7.7 ft	8 ft	3.5 - 4.9 ft	9.8 - 12.8 ft	2.5 ft	9 ft		
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC		
Laboratory				SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM		
Laboratory Work Order				L2407	M0596	M0596	L2408	L2407	L2407	L2407	L2407	L2407	L2408	L2407	L2407	L2407	M0688	M0716	M0716	M0688	SB70063	SB70063	SB70063		
Laboratory Sample ID				L2407-03	M0596-04	M0596-03	L2408-04	L2407-13	L2407-12	L2407-11	L2407-20	L2407-19	L2408-01	L2407-16	L2407-17	L2407-18	M0688-03	M0716-06	M0716-09	M0688-06	SB70063-04RE1	SB70063-02RE1	SB70063-03RE1		
Sample Type																									
Volatile Organic Compounds																									
Acetone	µg/kg	50 ^{AC} 500000 ^B	18 UJ	3.1 J	6.4 U	8.0 UJ	48 UJ	7.6 UJ	6.9 UJ	390 UJ	6.6 UJ	7.3 UJ	97 UJ	8.9 UJ	12 UJ	5.9 UJ	5.6 UJ	6.0 UJ	6.0 UJ	51.2 UJ	49.5 UJ	42.3 UJ			
Acrylonitrile	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1 U	5.9 U	5.0 U			
Benzene	µg/kg	60 ^{AC} 44000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	3.6 U	3.5 U	3.0 U			
Bromobenzene	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.3 U	4.2 U	3.6 U			
Bromodichloromethane	µg/kg	100000 ^A 500000 ^B 1000000 ^D ^C	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	2.6 U	2.5 U	2.1 U			
Bromoform (Tribromomethane)	µg/kg	100000 ^A 500000 ^B 1000000 ^D ^C	5.2 UJ	5.7 U	6.4 U	8.0 UJ	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	4.7 U	4.6 U	3.9 U			
Bromomethane (Methyl bromide)	µg/kg	100000 ^A 500000 ^B 1000000 ^D ^C	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	12.3 U	11.9 U	10.1 U			
Butylbenzene, n-	µg/kg	12000 ^{AC} 500000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.4 U	3.3 U	2.8 U			
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11000 ^{AC} 500000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.6 U	6.4 U	5.5 U			
Butylbenzene, tert-	µg/kg	5900 ^{AC} 500000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.9 U	4.8 U	4.1 U			
Carbon Disulfide	µg/kg	100000 ^A 500000 ^B 1000000 ^D 500000 ^D 2700 ^F	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	2.3 J	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	9.7 U	9.4 U	8.1 U			
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760 ^{AC} 22000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	6.8 U	6.6 U	5.6 U			
Chlorobenzene (Monochlorobenzene)	µg/kg	1100 ^{AC} 500000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	3.8 U	3.7 U	3.1 U			
Chlorobromomethane	µg/kg	n/v	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	2.2 U	2.2 U	1.8 U			
Chloroethane (Ethyl Chloride)	µg/kg	100000 ^A 500000 ^B 1000000 ^D 500000 ^D 1900 ^F	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	9.6 U	9.3 U	8.0 U			
Chloroform (Trichloromethane)	µg/kg	370 ^{AC} 350000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	3.3 U	3.2 U	2.8 U			
Chloromethane	µg/kg	100000 ^A 500000 ^B 1000000 ^D ^C	5.2 UJ	5.7 U	6.4 U	8.0 UJ	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	3.4 U	3.3 U	2.8 U			
Chlorotoluene, 2-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1 U	4.0 U	3.4 U			
Chlorotoluene, 4-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.1 U	5.9 U	5.0 U			
Cyclohexane	µg/kg	n/v	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	-	-	-			
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	n/v	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	12.9 UJ	12.5 UJ	10.7 UJ			
Dibromochloromethane	µg/kg	100000 ^A 500000 ^B 1000000 ^D 500000 ^D	5.2 UJ	5.7 U	6.4 U	8.0 UJ	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	3.3 U	3.2 U	2.7 U			
Dibromomethane (Methylene Bromide)	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8 U	6.6 U	5.6 U			
Dichlorobenzene, 1,2-	µg/kg	1100 ^{AC} 500000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	5.5 U	5.3 U	4.5 U			
Dichlorobenzene, 1,3-	µg/kg	2400 ^{AC} 280000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	6.8 U	6.6 U	5.6 U			
Dichlorobenzene, 1,4-	µg/kg	1800 ^{AC} 130000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	4.6 U	4.4 U	3.8 U			
Dichlorobutene, trans-1,4-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	17.5 U	16.9 U	14.4 U			
Dichlorodifluoromethane (Freon 12)	µg/kg	n/v	5.2 UJ	5.7 U	6.4 U	8.0 UJ	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	11.5 U	11.1 U	9.5 U			
Dichloroethane, 1,1-	µg/kg	270 ^{AC} 240000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	8.4 J	10	2.9 J	410 ^{AC}	22 J	7.3 UJ	6.9 UJ	1.7 J	2.0 J	5.9 U	5.6 UJ	6.0 U	6.0 UJ	6.7 U	6.4 U	5.5 U			
Dichloroethane, 1,2-	µg/kg	20 ^m 30000 ^B 20 ^g ^C	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	3.8 U	3.7 U	3.1 U			
Dichloroethene, 1,1-	µg/kg	330 ^{AC} 500000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	3.4 U	3.3 U	2.8 U			
Dichloroethene, cis-1,2-	µg/kg	250 ^{AC} 500000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	4.5 J	4.2 J	6.9 UJ	490 ^{AC}	15 J	7.3 UJ	1.6 J	6.6.											

Table A1
Summary of Soil Sample Analysis Results - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern				AOC 3 - East Side Sanitary Sewer	AOC 4 - Former Press Pit	AOC 5 - Former Waste Storage Areas				AOC 6 - Paint Shop, and AOC 7 - Former Plating Area							AOC 8 - Former Spray Wash Area			AOC 10 - Sitewide Conditions				
Sample Location	Sample Date			SEW-TB-1 8-Nov-12	AMSF-MW-25 23-Apr-13	AMSF-MW-25 23-Apr-13	5A-TB-1 7-Nov-12	5B-TB-1 9-Nov-12	5B-TB-1 9-Nov-12	5B-TB-2 9-Nov-12	PS-TB-1 9-Nov-12	PS-TB-1 9-Nov-12	PS-TB-2 9-Nov-12	7-TB-1 9-Nov-12	7-TB-1 9-Nov-12	7-TB-2 9-Nov-12	AMSF-MW-26 1-May-13	AMSF-MW-27 7-May-13	SPW-TB-2 8-May-13	AMSF-MW-28 1-May-13	AMSF-MW-29 15-May-13	AMSF-MW-30 14-May-13	AMSF-MW-30 14-May-13	
Sample ID				SEW-TB-1	MW-25-S-2	MW-25-S-1	5A-TB-1	5B-TB-1-2	5B-TB-1-1	5B-TB-2	PS-TB-1-2	PS-TB-1-1	PS-TB-2	7-TB-1-1	7-TB-1-2	7-TB-2	MW-26-S-1	MW-27-S-1	SPW-TB2-S-1	MW-28-S-1	MW-29-S-1 (MS/MSD)	MW-30-S-1	MW-30-S-2	
Sample Depth				5 ft	7 - 8 ft	9.5 - 10.5 ft	4.5 ft	3 - 4 ft	6.8 ft	3 - 4 ft	2 - 4 ft	8 ft	2 - 4 ft	2 - 3 ft	13.7 ft	2 - 4 ft	8 - 8.4 ft	7.5 - 7.7 ft	8 ft	3.5 - 4.9 ft	9.8 - 12.8 ft	2.5 ft	9 ft	
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory				SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	
Laboratory Work Order				L2407	M0596	M0596	L2408	L2407	L2407	L2407	L2407	L2407	L2408	L2407	L2407	L2407	M0688	M0716	M0716	M0688	SB70063	SB70063	SB70063	
Laboratory Sample ID				L2407-03	M0596-04	M0596-03	L2408-04	L2407-13	L2407-12	L2407-11	L2407-20	L2407-19	L2408-01	L2407-16	L2407-17	L2407-18	M0688-03	M0716-06	M0716-09	M0688-06	SB70063-04RE1	SB70063-02RE1	SB70063-03RE1	
Sample Type	Units																							
Volatile Organic Compounds (conf'd)																								
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 UJ	5.6 UJ	6.0 U	6.0 UJ	17.4 UJ	16.8 U	14.4 U
Isopropylbenzene	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 2300 ^F	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 UJ	7.6 UJ	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 UJ	7.0 UJ	5.9 U	5.6 UJ	6.0 U	6.0 UJ	3.4 U	3.3 U	2.8 U
Isopropyltoluene, p- (Cymene)	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 10000 ^F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.8 U	2.7 U	2.3 U	
Methyl Acetate	µg/kg			n/v	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	-	-	
Methyl Ethyl Ketone (MEK)	µg/kg			120 ^{AC} 500000 _c ^B 500000 _d ^D 300 ^F	5.2 UJ	5.7 UJ	6.4 UJ	8.0 UJ	6.0 UJ	7.6 UJ	6.9 UJ	390 UJ	6.6 UJ	7.3 UJ	6.9 UJ	6.6 UJ	7.0 UJ	5.9 UJ	5.6 UJ	6.0 UJ	6.0 UJ	58.4 UJ	56.5 UJ	48.3 UJ
Methyl Isobutyl Ketone (MIBK)	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 1000 ^F	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	22.2 UJ	21.4 UJ	18.3 UJ
Methyl tert-butyl ether (MTBE)	µg/kg			930 ^{AC} 500000 _c ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	5.0 U	4.8 U	4.1 U
Methylcyclohexane	µg/kg			n/v	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	-	-	
Methylene Chloride (Dichloromethane)	µg/kg			50 ^{AC} 500000 _c ^B	14 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.8 U	7.6 UJ	390 UJ	8.4 UJ	9.5 UJ	12 UJ	13 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	25.8 J	20.1 CN	11.1 CN J*
Naphthalene	µg/kg			12000 ^{AC} 500000 _c ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.2 U	4.1 U	3.5 U	
Propylbenzene, n-	µg/kg			3900 ^{AC} 500000 _c ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.1 U	4.0 U	3.4 U	
Styrene	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	5.0 U	4.9 U	4.2 U
Tert Amyl Methyl Ether	µg/kg			n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.4 U	5.2 U	4.4 U	
Tert-Butyl Alcohol	µg/kg			n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	38.6 U	37.3 U	31.9 U	
Tetrachloroethane, 1,1,1,2-	µg/kg			n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.5 U	6.3 U	5.4 U	
Tetrachloroethane, 1,1,2,2-	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 600 ^F	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 UJ	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	5.2 U	5.0 U	4.3 U
Tetrachloroethene (PCE)	µg/kg			1300 ^{AC} 150000 ^B 500000 _a ^D	5.2 UJ	37	3.6 J	9.8	6.0 U	7.6 U	2.2 J	390 U	74 J	76 J	6.9 UJ	58	7.0 U	5.9 U	5.6 UJ	6.0 U	13 J	3.9 U	3.8 U	3.2 U
Tetrahydrofuran	µg/kg			n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12.6 U	12.2 U	10.4 U	
Toluene	µg/kg			700 ^{AC} 500000 _c ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	6.1 U	5.9 U	5.0 U
Trichlorobenzene, 1,2,3-	µg/kg			500000 _a ^D	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	5.9 UJ	5.7 U	4.9 U
Trichlorobenzene, 1,2,4-	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 3400 ^F	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	5.1 UJ	5.0 U	4.2 U
Trichlorobenzene, 1,3,5-	µg/kg			n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4.8 U	4.7 U	4.0 U	
Trichloroethane, 1,1,1-	µg/kg			680 ^{AC} 500000 _c ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	120 J	1.6 J	6.9 UJ	17	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	5.5 U	5.3 U	4.5 U
Trichloroethane, 1,1,2-	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	1.6 J	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	5.9 U	5.7 U	4.8 U
Trichloroethene (TCE)	µg/kg			470 ^{AC} 200000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	2.0 J	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	2.9 J	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	5.2 U	5.0 U	4.3 U
Trichlorofluoromethane (Freon 11)	µg/kg			n/v	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	2.8 U	2.7 U	2.3 U
Trichloropropane, 1,2,3-	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 340 ^F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3.1 U	3.0 U	2.5 U	
Trichlorotrifluoroethane (Freon 113)	µg/kg			100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 6000 ^F	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	4.5 U	4.4 U	3.8 U
Trimethylbenzene, 1,2,4-	µg/kg			3600 ^{AC} 190000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2.2 U	2.2 U	1.8 U	
Trimethylbenzene, 1,3,5-	µg/kg			8400 ^{AC} 190000 ^B	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.8 U	6.5 U	5.6 U	
Vinyl chloride	µg/kg			20 ^{AC} 13000 ^B	5.2 UJ	5.7 U	6.4 U	8.0 UJ	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	6.4 U	6.2 U	5.3 U
Xylene, m & p-	µg/kg			260 _p ^A 500000 _c ^B 1600 _p ^C	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	13.2 U	12.8 U	10.9 U
Xylene, o-	µg/kg			260 _o ^A 500000 _c ^B 1600 _o ^C	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	4.7 U	4.5 U	3.8 U
Xylenes, Total	µg/kg			260 ^A 500000 _c ^B 1600 ^C	5.2 UJ	5.7 U	6.4 U	8.0 U	6.0 U	7.6 U	6.9 UJ	390 U	6.6 UJ	7.3 UJ	6.9 UJ	6.6 U	7.0 U	5.9 U	5.6 UJ	6.0 U	6.0 UJ	-	-	-
Volatile Tentatively Identified Compounds																								
Tentatively Identified Compound	µg/kg			n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	None	None	None	

See last page for notes.

Table A1
Summary of Soil Sample Analysis Results - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 11 - Sitewide Conditions (Soil)				Other Areas		OU1 - Northwest Corner		
Sample Location			AOC11-TB-1 3-May-13	AOC11-TB-2 1-May-13	AOC11-TB-3 3-May-13	AOC11-TB-3 3-May-13	Other-TB-1 9-Nov-12	Other-TB-1 9-Nov-12	OU1-TB-MW-1 9-Apr-14	OU1-TB-MW-2 7-Apr-14	OU1-TB-MW-2 7-Apr-14
Sample Date			AOC11-TB1-S-1	AOC11-TB2-S-1	AOC11-TB3-S-1	MW-DUP-S-1	OTHER-TB-1-1	OTHER-TB-1-2	AMSF-OU1-TB-MW-1	AMSF-OU1-TB-MW-2	AMSF-OU1-DUP
Sample ID			6.5 - 7.5 ft	4 - 5 ft	12 - 14 ft	12 - 14 ft	1.5 - 2.5 ft	9 ft	4 - 5 ft	7 - 7.8 ft	
Sample Depth			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Sampling Company			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory			M0716	M0688	M0716	M0716	L2407	L2407	N0572	N0572	N0572
Laboratory Work Order		NYSDEC Soil Cleanup Objectives (SCOs)	M0716-02	M0688-05	M0716-04	M0716-05	L2407-14	L2407-15	N0572-04	N0572-02	N0572-03
Laboratory Sample ID		Refer to notes on last page for explanation of letter codes				Field Duplicate					Field Duplicate
Sample Type	Units										
Volatile Organic Compounds											
Acetone	µg/kg	50 ^{AC} 500000 ^C ^B	5.5 UJ	6.4 UJ	6.3 UJ	6.2 UJ	6.2 UJ	9.5 UJ	5.5 U	5.9 U	5.0 U
Acrylonitrile	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Benzene	µg/kg	60 ^{AC} 44000 ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Bromobenzene	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Bromodichloromethane	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Bromoform (Tribromomethane)	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Bromomethane (Methyl bromide)	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Butylbenzene, n-	µg/kg	12000 ^{AC} 500000 ^C ^B	-	-	-	-	-	-	-	-	-
Butylbenzene, sec- (2-Phenylbutane)	µg/kg	11000 ^{AC} 500000 ^C ^B	-	-	-	-	-	-	-	-	-
Butylbenzene, tert-	µg/kg	5900 ^{AC} 500000 ^C ^B	-	-	-	-	-	-	-	-	-
Carbon Disulfide	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 2700 ^F	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Carbon Tetrachloride (Tetrachloromethane)	µg/kg	760 ^{AC} 22000 ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Chlorobenzene (Monochlorobenzene)	µg/kg	1100 ^{AC} 500000 ^C ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Chlorobromomethane	µg/kg	n/v	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Chloroethane (Ethyl Chloride)	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 1900 ^F	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Chloroform (Trichloromethane)	µg/kg	370 ^{AC} 350000 ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Chloromethane	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Chlorotoluene, 2-	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Chlorotoluene, 4-	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Cyclohexane	µg/kg	n/v	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/kg	n/v	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 UJ	5.9 UJ	5.0 UJ
Dibromochloromethane	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C 500000 ^D	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dibromomethane (Methylene Bromide)	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,2-	µg/kg	1100 ^{AC} 500000 ^C ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichlorobenzene, 1,3-	µg/kg	2400 ^{AC} 280000 ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichlorobenzene, 1,4-	µg/kg	1800 ^{AC} 130000 ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichlorobutene, trans-1,4-	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Dichlorodifluoromethane (Freon 12)	µg/kg	n/v	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 UJ	5.9 UJ	5.0 UJ
Dichloroethane, 1,1-	µg/kg	270 ^{AC} 240000 ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichloroethane, 1,2-	µg/kg	20 _m ^A 30000 ^B 20 _g ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichloroethene, 1,1-	µg/kg	330 ^{AC} 500000 ^C ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichloroethene, cis-1,2-	µg/kg	250 ^{AC} 500000 ^C ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichloroethene, trans-1,2-	µg/kg	190 ^{AC} 500000 ^C ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichloropropane, 1,2-	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C 500000 ^D	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichloropropane, 1,3-	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C 500000 ^D 300 ^F	-	-	-	-	-	-	-	-	-
Dichloropropane, 2,2-	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Dichloropropene, 1,1-	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Dichloropropene, cis-1,3-	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Dichloropropene, trans-1,3-	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Diisopropyl Ether (DIPE)	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Dioxane, 1,4-	µg/kg	100 _m ^A 130000 ^B 100 _f ^C	R	R	R	R	R	R	R	R	R
Ethanol	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Ethyl Ether (Diethyl ether)	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Ethyl Tert Butyl Ether	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Ethylbenzene	µg/kg	1000 ^{AC} 390000 ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/kg	n/v	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100000 ^A 500000 ^C ^B 1000000 ^D ^C	-	-	-	-	-	-	-	-	-

See last page for notes.

Table A1
Summary of Soil Sample Analysis Results - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern		Units	NYSDEC Soil Cleanup Objectives (SCOs) Refer to notes on last page for explanation of letter codes	AOC 11 - Sitewide Conditions (Soil)				Other Areas		OU1 - Northwest Corner		
Sample Location	Sample Date			AOC11-TB-1 3-May-13	AOC11-TB-2 1-May-13	AOC11-TB-3 3-May-13	AOC11-TB-3 3-May-13	Other-TB-1 9-Nov-12	Other-TB-1 9-Nov-12	OU1-TB-MW-1 9-Apr-14	OU1-TB-MW-2 7-Apr-14	OU1-TB-MW-2 7-Apr-14
Sample ID				AOC11-TB1-S-1	AOC11-TB2-S-1	AOC11-TB3-S-1	MW-DUP-S-1	OTHER-TB-1-1	OTHER-TB-1-2	AMSF-OU1-TB-MW-1	AMSF-OU1-TB-MW-2	AMSF-OU1-DUP
Sample Depth				6.5 - 7.5 ft	4 - 5 ft	12 - 14 ft	12 - 14 ft	1.5 - 2.5 ft	9 ft	4 - 5 ft	7 - 7.8 ft	
Sampling Company				STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory				SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order				M0716	M0688	M0716	M0716	L2407	L2407	N0572	N0572	N0572
Laboratory Sample ID				M0716-02	M0688-05	M0716-04	M0716-05	L2407-14	L2407-15	N0572-04	N0572-02	N0572-03
Sample Type							Field Duplicate					Field Duplicate
Volatile Organic Compounds (conf'd)												
Hexanone, 2- (Methyl Butyl Ketone)	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C	5.5 UJ	6.4 UJ	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 UJ	5.9 UJ	5.0 UJ	
Isopropylbenzene	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _e ^D 2300 ^F	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 UJ	7.3 UJ	5.5 U	5.9 U	5.0 U	
Isopropyltoluene, p- (Cymene)	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _e ^D 10000 ^E	-	-	-	-	-	-	-	-	-	
Methyl Acetate	µg/kg	n/v	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 UJ	5.9 UJ	5.0 UJ	
Methyl Ethyl Ketone (MEK)	µg/kg	120 ^{AC} 500000 _c ^B 500000 _d ^D 300 ^F	5.5 UJ	6.4 UJ	6.3 UJ	6.2 UJ	6.2 UJ	7.3 UJ	5.5 UJ	5.9 UJ	5.0 UJ	
Methyl Isobutyl Ketone (MIBK)	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _e ^D 1000 ^F	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 UJ	5.9 UJ	5.0 UJ	
Methyl tert-butyl ether (MTBE)	µg/kg	930 ^{AC} 500000 _c ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Methylcyclohexane	µg/kg	n/v	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Methylene Chloride (Dichloromethane)	µg/kg	50 ^{AC} 500000 _c ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	10 U	7.3 U	5.5 U	2.4 JL	2.1 JL	
Naphthalene	µg/kg	12000 ^{AC} 500000 _c ^B	-	-	-	-	-	-	-	-	-	
Propylbenzene, n-	µg/kg	3900 ^{AC} 500000 _c ^B	-	-	-	-	-	-	-	-	-	
Styrene	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _e ^D	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Tert Amyl Methyl Ether	µg/kg	n/v	-	-	-	-	-	-	-	-	-	
Tert-Butyl Alcohol	µg/kg	n/v	-	-	-	-	-	-	-	-	-	
Tetrachloroethane, 1,1,1,2-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	
Tetrachloroethane, 1,1,2,2-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _e ^D 600 ^F	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 UJ	5.9 UJ	5.0 UJ	
Tetrachloroethene (PCE)	µg/kg	1300 ^{AC} 150000 ^B 500000 _d ^D	5.5 UJ	3.9 J	6.3 UJ	6.2 UJ	6.2 U	16	5.5 U	5.9 U	5.0 U	
Tetrahydrofuran	µg/kg	n/v	-	-	-	-	-	-	-	-	-	
Toluene	µg/kg	700 ^{AC} 500000 _c ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Trichlorobenzene, 1,2,3-	µg/kg	500000 _d ^D	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Trichlorobenzene, 1,2,4-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _e ^D 3400 ^F	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Trichlorobenzene, 1,3,5-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	
Trichloroethane, 1,1,1-	µg/kg	680 ^{AC} 500000 _c ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	8.6	5.5 U	5.9 U	5.0 U	
Trichloroethane, 1,1,2-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Trichloroethene (TCE)	µg/kg	470 ^{AC} 200000 ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Trichlorofluoromethane (Freon 11)	µg/kg	n/v	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Trichloropropane, 1,2,3-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _e ^D 340 ^F	-	-	-	-	-	-	-	-	-	
Trichlorotrifluoroethane (Freon 113)	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _e ^D 6000 ^F	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Trimethylbenzene, 1,2,4-	µg/kg	3600 ^{AC} 190000 ^B	-	-	-	-	-	-	-	-	-	
Trimethylbenzene, 1,3,5-	µg/kg	8400 ^{AC} 190000 ^B	-	-	-	-	-	-	-	-	-	
Vinyl chloride	µg/kg	20 ^{AC} 13000 ^B	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Xylene, m & p-	µg/kg	260 _p ^A 500000 _{c,p} ^B 1600 _p ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	3.5 J	5.5 U	5.9 U	5.0 U	
Xylene, o-	µg/kg	260 _p ^A 500000 _{c,p} ^B 1600 _p ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	7.3 U	5.5 U	5.9 U	5.0 U	
Xylenes, Total	µg/kg	260 ^A 500000 _c ^B 1600 ^C	5.5 UJ	6.4 U	6.3 UJ	6.2 UJ	6.2 U	3.5 J	5.5 U	5.9 U	5.0 U	
Volatile Tentatively Identified Compounds												
Tentatively Identified Compound	µg/kg	n/v	-	-	-	-	-	-	-	-	-	
See last page for notes.												

Table A1
Summary of Soil Sample Analysis Results - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Notes:	
NYSDEC	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Commercial
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
D	Table 1 Supplemental Soil Cleanup Objectives - Commercial
E	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
15.2	Compound was detected at the concentration shown; the concentration did not exceed applicable standards.
6.5 ^A	Concentration detected exceeds the standard indicated by the letter code.
56 U	The analyte was not detected above the laboratory’s reportable detection limit shown (a concentration of 56 µg/kg in this example).
56 U	The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
D _a	SCOs for organic contaminants (volatile organic compounds, semivolatile organic compounds, and pesticides) are capped at 100 ppm for residential use, 500 ppm for commercial use, 1000 ppm for industrial use. SCOs for metals are capped at 10,000 ppm.
A _a	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
c	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3.
c,p	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3. The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
AC _p	The criterion is applicable to total xylenes, and the individual isomers should be added for comparison.
CN	This compound is a common laboratory contaminant.
J	The reported result is an estimated value.
J*	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
JL	The analyte result in the laboratory control sample is out of control limits. The reported concentration should be considered an estimate.
UJ	Indicates estimated non-detect.
R	The results for 1,4-Dioxane were rejected in samples in which it was not detected due to deficiencies in the ability to analyze the sample and meet quality control criteria (a deficiency inherent in the methodology due to low instrument response associated with continuing calibration standards). The presence or absence of the analyte cannot be verified.

Table A2
Summary of Soil Sample Analysis Results - SVOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Depth Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type		NYSDEC Soil Cleanup Objectives (SCOs) Refer to notes on last page for explanation of letter codes	AOC 2 - Former Drainage Swale					AOC 4 - Former Press Pit		AOC 5 - Former Waste Storage Areas			AOC 6 - Paint Shop		AOC 8 - Former Spray Wash Area		AOC 10 - Sitewide Conditions		
			SW-TB-1 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-3 8-Nov-12	SW-TB-4 7-Nov-12	AMSF-MW-25 23-Apr-13	AMSF-MW-25 23-Apr-13	5A-TB-1 7-Nov-12	5B-TB-1 9-Nov-12	5B-TB-2 9-Nov-12	PS-TB-1 9-Nov-12	PS-TB-2 9-Nov-12	AMSF-MW-27 7-May-13	SPW-TB-2 8-May-13	AMSF-MW-28 1-May-13	AMSF-MW-29 15-May-13	AMSF-MW-30 14-May-13
			SW-TB-1-1	SW-TB-2	DUP-2	SW-TB-3-2	SW-TB-4	MW-25-S-2	MW-25-S-1	5A-TB-1	5B-TB-1-2	5B-TB-2	PS-TB-1-2	PS-TB-2	MW-27-S-1	SPW-TB2-S-1	MW-28-S-1	MW-29-S-1 (MS/MSD)	MW-30-S-1
			5.5 ft	4 - 5.5 ft	4 - 5.5 ft	4.5 ft	3.1 ft	7 - 8 ft	9.5 - 10.5 ft	4.5 ft	3 - 4 ft	3 - 4 ft	2 - 4 ft	2 - 4 ft	7.5 - 7.7 ft	8 ft	3.5 - 4.9 ft	9.8 - 12.8 ft	2.5 ft
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
			L2407	L2407	L2407	L2407	L2408	M0596	M0596	L2408	L2407	L2407	L2407	L2408	L2408	M0716	M0716	M0688	SB70063
L2407-05	L2407-09	L2407-10 Field Duplicate	L2407-08	L2408-05	M0596-04	M0596-03	L2408-04	L2407-13	L2407-11	L2407-20	L2408-01	M0716-06	M0716-09	M0688-06	SB70063-04RE1	SB70063-02			
Semi - Volatile Organic Compounds																			
Acenaphthene	µg/kg	20000 ^A 500000 ^B 98000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	51.2 U	49.8 U
Acenaphthylene	µg/kg	100000 ^A 500000 ^B 107000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	55.8 U	54.3 U
Acetophenone	µg/kg	n/v	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	-	-
Aniline	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 330 ^B 5 ^E	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	113 U	110 U
Anthracene	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	51.3 U	50.0 U
Atrazine	µg/kg	n/v	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	-	-
Azobenzene	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	49.5 U	48.1 U
Benzaldehyde	µg/kg	n/v	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	-	-
Benzidine	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	154 U	150 U
Benzo(a)anthracene	µg/kg	1000 ^A 5600 ^B 1000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	53.9 U	52.5 U
Benzo(a)pyrene	µg/kg	1000 ^A 1000 ^B 22000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	54.8 U	53.4 U
Benzo(b)fluoranthene	µg/kg	1000 ^A 5600 ^B 1700 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	43.8 U	42.6 U
Benzo(g,h,i)perylene	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	56.0 U	54.5 U
Benzo(k)fluoranthene	µg/kg	800 ^A 56000 ^B 1700 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	71.3 U	69.4 U
Benzoic acid	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 2700 ^F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	188 U	183 U
Benzyl Alcohol	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44.8 U	43.6 U
Biphenyl, 1,1'- (Biphenyl)	µg/kg	500000 ^A 5 ^D	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	-	-
Bis(2-Chloroethoxy)methane	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 UJ	390 UJ	390 U	43.8 U	42.6 U
Bis(2-Chloroethyl)ether	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	48.6 U	47.3 U
Bis(2-Chloroisopropyl)ether	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	51.2 U	49.9 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	-	-
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 435000 ^F	290 J	180 J	190 J	280 J	1400	400 U	90 J	260 J	180 J	170 J	160 J	240 J	360 U	390 U	390 U	53.6 U	52.1 U
Bromophenyl Phenyl Ether, 4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	50.1 U	48.8 U
Butyl Benzyl Phthalate	µg/kg	NS ^A 500000 ^B 1000000 ^C 500000 ^A 122000 ^F	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	50.9 U	49.5 U
Caprolactam	µg/kg	n/v	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	-	-
Carbazole	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	165 U	160 U
Chloro-3-methyl phenol, 4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	54.0 U	52.5 U
Chloroaniline, 4-	µg/kg	NS ^A 500000 ^B 1000000 ^C 500000 ^A 220 ^F	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	110 U	107 U
Chloronaphthalene, 2-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	52.7 U	51.3 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 5 ^D	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	57.6 U	56.1 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	45.6 U	44.3 U
Chrysene	µg/kg	1000 ^A 56000 ^B 1000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	56.8 U	55.3 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330 ^m 500000 ^B 330 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	49.1 U	47.8 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330 ^m 500000 ^B 330 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	55.1 U	53.6 U
Dibenzo(a,h)anthracene	µg/kg	330 ^m 560 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	52.0 U	50.6 U
Dibenzofuran	µg/kg	7000 ^A 350000 ^B 210000 ^C 500000 ^A 6200 ^F	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U							

Table A2
Summary of Soil Sample Analysis Results - SVOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 2 - Former Drainage Swale					AOC 4 - Former Press Pit		AOC 5 - Former Waste Storage Areas			AOC 6 - Paint Shop		AOC 8 - Former Spray Wash Area		AOC 10 - Sitewide Conditions		
			SW-TB-1 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-3 8-Nov-12	SW-TB-4 7-Nov-12	AMSF-MW-25 23-Apr-13	AMSF-MW-25 23-Apr-13	5A-TB-1 7-Nov-12	5B-TB-1 9-Nov-12	5B-TB-2 9-Nov-12	PS-TB-1 9-Nov-12	PS-TB-2 9-Nov-12	AMSF-MW-27 7-May-13	SPW-TB-2 8-May-13	AMSF-MW-28 1-May-13	AMSF-MW-29 15-May-13	AMSF-MW-30 14-May-13
Sample Location																			
Sample Date																			
Sample ID			SW-TB-1-1	SW-TB-2	DUP-2	SW-TB-3-2	SW-TB-4	MW-25-S-2	MW-25-S-1	5A-TB-1	5B-TB-1-2	5B-TB-2	PS-TB-1-2	PS-TB-2	MW-27-S-1	SPW-TB2-S-1	MW-28-S-1	MW-29-S-1 (MS/MSD)	MW-30-S-1
Sample Depth			5.5 ft	4 - 5.5 ft	4 - 5.5 ft	4.5 ft	3.1 ft	7 - 8 ft	9.5 - 10.5 ft	4.5 ft	3 - 4 ft	3 - 4 ft	2 - 4 ft	2 - 4 ft	7.5 - 7.7 ft	8 ft	3.5 - 4.9 ft	9.8 - 12.8 ft	2.5 ft
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order			L2407	L2407	L2407	L2407	L2408	M0596	M0596	L2408	L2407	L2407	L2407	L2408	M0716	M0716	M0688	SB70063	SB70063
Laboratory Sample ID			L2407-05	L2407-09	L2407-10	L2407-08	L2408-05	M0596-04	M0596-03	L2408-04	L2407-13	L2407-11	L2407-20	L2408-01	M0716-06	M0716-09	M0688-06	SB70063-04RE1	SB70063-02
Sample Type	Units	NYSDEC Soil Cleanup Objectives (SCOs) Refer to notes on last page for explanation of letter codes			Field Duplicate														
Semi - Volatile Organic Compounds																			
Fluoranthene	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	56.3 U	54.8 U
Fluorene	µg/kg	30000 ^A 500000 ^C 386000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	56.0 U	54.5 U
Hexachlorobenzene	µg/kg	330 _m ^A 6000 ^B 3200 ^C 500000 ^D 1400 ^E	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	57.0 U	55.5 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	50.5 U	49.2 U
Hexachlorocyclopentadiene	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	49.1 U	47.7 U
Hexachloroethane	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	59.5 U	57.9 U
Indeno(1,2,3-cd)pyrene	µg/kg	500 _n ^A 5600 ^B 8200 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	55.8 U	54.3 U
Isophorone	µg/kg	100000 ^A 500000 ^C 1000000 ^C 500000 ^D 4400 ^F	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	45.2 U	123 J
Methylnaphthalene, 1-	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	59.4 U	72.4 J
Methylnaphthalene, 2-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 36400 ^F	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	57.5 U	86.1 J
Naphthalene	µg/kg	12000 ^A 500000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	56.2 U	462
Nitroaniline, 2-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 400 ^F	740 U	770 U	740 U	740 U	780 U	800 U	840 U	830 U	780 U	760 U	790 U	790 U	730 U	790 U	800 U	59.2 U	57.6 U
Nitroaniline, 3-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 500 ^E	740 U	770 U	740 U	740 U	780 U	800 U	840 U	830 U	780 U	760 U	790 U	790 U	730 U	790 U	800 U	71.3 U	69.4 U
Nitroaniline, 4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	740 U	770 U	740 U	740 U	780 U	800 U	840 U	830 U	780 U	760 U	790 U	790 U	730 U	790 U	800 U	59.1 U	57.5 U
Nitrobenzene	µg/kg	100000 ^A 500000 ^B 1000000 ^C 69000 ^D 170 _n ^E	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	49.3 U	48.0 U
Nitrophenol, 2-	µg/kg	100000 ^A 500000 ^C 1000000 ^C 500000 ^D 300 ^F	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	77.4 U	75.3 U
Nitrophenol, 4-	µg/kg	100000 ^A 500000 ^C 1000000 ^C 500000 ^D 100 ^F	740 U	770 U	740 U	740 U	780 U	800 U	840 U	830 U	780 U	760 U	790 U	790 U	730 U	790 U	800 U	89.5 U	87.1 U
N-Nitrosodimethylamine (NDMA)	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	55.0 U	53.5 U
N-Nitrosodi-n-Propylamine	µg/kg	100000 ^A 500000 ^C 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	49.7 U	48.4 U
n-Nitrosodiphenylamine	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	51.4 U	50.0 U
Pentachloronitrobenzene (Quintozine)	µg/kg	500000 ^D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	196 U	190 U
Pentachlorophenol	µg/kg	800 _m ^A 6700 ^B 800 ^C	740 U	770 U	740 U	740 U	780 U	800 U	840 U	830 U	780 U	760 U	790 U	790 U	730 UJ	790 UJ	800 U	398 R	58.2 UJ
Phenanthrene	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	53.8 U	64.6 J
Phenol	µg/kg	330 _m ^A 500000 ^C 330 _i ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	52.5 U	51.1 U
Pyrene	µg/kg	100000 ^A 500000 ^B 1000000 ^C	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	48.7 U	47.4 U
Pyridine	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	56.7 U	55.2 U
Tetrachlorobenzene, 1,2,4,5-	µg/kg	n/v	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	56.0 U	54.5 U
Trichlorobenzene, 1,2,4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D 3400 ^F	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54.4 U	52.9 U
Trichlorophenol, 2,4,5-	µg/kg	100000 ^A 500000 ^C 1000000 ^C 500000 ^D 100 ^F	740 U	770 U	740 U	740 U	780 U	800 U	840 U	830 U	780 U	760 U	790 U	790 U	730 U	790 U	800 U	46.5 U	45.3 U
Trichlorophenol, 2,4,6-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D	360 U	380 U	370 U	370 U	390 U	400 U	410 U	410 U	390 U	370 U	390 U	390 U	360 U	390 U	390 U	54.8 U	53.3 U
Semi - Volatile Tentatively Identified Compounds																			
Tentatively Identified Compound	µg/kg	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	None	None

See last page for notes.

Table A2
Summary of Soil Sample Analysis Results - SVOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Depth Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			AOC 11 - Sitewide Conditions (Soil)							Other Areas	
			AOC11-TB-1	AOC11-TB-1	AOC11-TB-2	AOC11-TB-2	AOC11-TB-3	AOC11-TB-3	AOC11-TB-3	Other-TB-1	Other-TB-1
			3-May-13	3-May-13	1-May-13	1-May-13	3-May-13	3-May-13	3-May-13	9-Nov-12	9-Nov-12
			AOC11-TB1-SS-1	AOC11-TB1-S-1	AOC11-TB2-SS-1	AOC11-TB2-S-1	AOC11-TB3-SS-1	AOC11-TB3-S-1	MW-DUP-S-1	OTHER-TB-1-1	OTHER-TB-1-2
			0.1 - 2 ft	6.5 - 7.5 ft	0.1 - 1 ft	4 - 5 ft	0.1 - 2 ft	12 - 14 ft	12 - 14 ft	1.5 - 2.5 ft	9 ft
STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	
M0716	M0716	M0688	M0688	M0716	M0716	M0716	M0716	L2407	L2407		
M0716-01	M0716-02	M0688-04	M0688-05	M0716-03	M0716-04	M0716-05		L2407-14	L2407-15		
							Field Duplicate				
Semi - Volatile Organic Compounds											
Acenaphthene	µg/kg	20000 ^A 500000 ^B 98000 ^C	380 U	360 U	390 U	400 U	220 J	420 U	400 U	400 U	370 U
Acenaphthylene	µg/kg	100000 ^A 500000 ^B 107000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Acetophenone	µg/kg	n/v	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Aniline	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 330 ^B ^E	-	-	-	-	-	-	-	-	-
Anthracene	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	440	420 U	400 U	400 U	370 U
Atrazine	µg/kg	n/v	380 U	360 U	390 UJ	400 UJ	370 U	420 U	400 U	400 U	370 U
Azobenzene	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Benzaldehyde	µg/kg	n/v	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Benzidine	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Benzo(a)anthracene	µg/kg	1000 ^A 5600 ^B 1000 ^C	380 U	360 U	370 J	400 U	1400 ^{AC}	420 U	400 U	400 U	370 U
Benzo(a)pyrene	µg/kg	1000 ^A 1000 ^B 22000 ^C	380 U	360 U	320 J	400 U	1300 ^{AB}	420 U	400 U	400 U	370 U
Benzo(b)fluoranthene	µg/kg	1000 ^A 5600 ^B 1700 ^C	380 U	360 U	410	400 U	1700 ^A	420 U	400 U	400 U	370 U
Benzo(g,h,i)perylene	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	190 J	400 U	890	420 U	400 U	400 U	370 U
Benzo(k)fluoranthene	µg/kg	800 ^A 56000 ^B 1700 ^C	380 U	360 U	280 J	400 UJ	990 U	420 U	400 U	400 U	370 U
Benzoic acid	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 2700 ^E	-	-	-	-	-	-	-	-	-
Benzyl Alcohol	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Biphenyl, 1,1'- (Biphenyl)	µg/kg	500000 ^A ^D	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Bis(2-Chloroethoxy)methane	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 UJ	360 UJ	390 U	400 U	370 UJ	420 UJ	400 UJ	400 U	370 U
Bis(2-Chloroethyl)ether	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Bis(2-Chloroisopropyl)ether	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 435000 ^E	380 U	360 U	390 U	400 U	99 J	420 U	400 U	180 J	250 J
Bromophenyl Phenyl Ether, 4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Butyl Benzyl Phthalate	µg/kg	^{NS} 500000 ^C ^B 1000000 ^C 500000 ^A 122000 ^E	380 U	360 U	390 U	400 U	66 J	420 U	400 U	400 U	370 U
Caprolactam	µg/kg	n/v	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Carbazole	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	440	420 U	400 U	400 U	370 U
Chloro-3-methyl phenol, 4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Chloroaniline, 4-	µg/kg	^{NS} 500000 ^B 1000000 ^C 500000 ^A 220 ^E	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Chloronaphthalene, 2-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A ^D	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Chlorophenyl Phenyl Ether, 4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Chrysene	µg/kg	1000 ^A 56000 ^B 1000 ^C	380 U	360 U	440	400 U	1800 ^{AC}	420 U	400 U	400 U	370 U
Cresol, o- (Methylphenol, 2-)	µg/kg	330 ^m 500000 ^B 330 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Cresol, p- (Methylphenol, 4-)	µg/kg	330 ^m 500000 ^B 330 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Dibenzo(a,h)anthracene	µg/kg	330 ^m 560 ^B 1000000 ^C	380 U	360 U	390 UJ	400 UJ	240 J	420 U	400 U	400 U	370 U
Dibenzofuran	µg/kg	7000 ^A 350000 ^B 210000 ^C 500000 ^A 6200 ^E	380 U	360 U	390 U	400 U	150 J	420 U	400 U	400 U	370 U
Dibutyl Phthalate (DBP)	µg/kg	^{NS} 500000 ^C ^B 1000000 ^C 500000 ^A 8100 ^E	380 U	360 U	390 U	400 U	370 U	420 U	400 U	650 U	1500 U
Dichlorobenzene, 1,2-	µg/kg	1100 ^{AC} 500000 ^B	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,3-	µg/kg	2400 ^{AC} 280000 ^B	-	-	-	-	-	-	-	-	-
Dichlorobenzene, 1,4-	µg/kg	1800 ^{AC} 130000 ^B	-	-	-	-	-	-	-	-	-
Dichlorobenzidine, 3,3'-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Dichlorophenol, 2,4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 400 ^E	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Diethyl Phthalate	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 7100 ^E	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Dimethyl Phthalate	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 27000 ^E	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Dimethylphenol, 2,4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Dinitro-o-cresol, 4,6-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	770 U	730 U	790 U	820 U	750 U	850 U	810 U	810 U	760 U
Dinitrophenol, 2,4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 200 ^E	770 UJ	730 UJ	790 U	820 U	750 UJ	850 UJ	810 UJ	810 UJ	760 UJ
Dinitrotoluene, 2,4-	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Dinitrotoluene, 2,6-	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 1000/170 ^{B,31} ^E	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Di-n-Octyl phthalate	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^A 120000 ^E	380 U	360 U	390 UJ	400 UJ	370 U	420 U	400 U	400 U	370 U

See last page for notes.

Table A2
Summary of Soil Sample Analysis Results - SVOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Depth Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			AOC 11 - Sitewide Conditions (Soil)							Other Areas	
			AOC11-TB-1	AOC11-TB-1	AOC11-TB-2	AOC11-TB-2	AOC11-TB-3	AOC11-TB-3	AOC11-TB-3	Other-TB-1	Other-TB-1
			3-May-13	3-May-13	1-May-13	1-May-13	3-May-13	3-May-13	3-May-13	9-Nov-12	9-Nov-12
			AOC11-TB1-SS-1	AOC11-TB1-S-1	AOC11-TB2-SS-1	AOC11-TB2-S-1	AOC11-TB3-SS-1	AOC11-TB3-S-1	MW-DUP-S-1	OTHER-TB-1-1	OTHER-TB-1-2
			0.1 - 2 ft	6.5 - 7.5 ft	0.1 - 1 ft	4 - 5 ft	0.1 - 2 ft	12 - 14 ft	12 - 14 ft	1.5 - 2.5 ft	9 ft
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
			M0716	M0716	M0688	M0688	M0716	M0716	M0716	L2407	L2407
			M0716-01	M0716-02	M0688-04	M0688-05	M0716-03	M0716-04	M0716-05	L2407-14	L2407-15
									Field Duplicate		
	Units	NYSDEC Soil Cleanup Objectives (SCOs) Refer to notes on last page for explanation of letter codes									
Semi - Volatile Organic Compounds											
Fluoranthene	µg/kg	100000 ^A 500000 ^B 1000000 ^C	380 U	360 U	600	400 U	4400	420 U	400 U	400 U	370 U
Fluorene	µg/kg	30000 ^A 500000 ^C 386000 ^C	380 U	360 U	390 U	400 U	250 J	420 U	400 U	400 U	370 U
Hexachlorobenzene	µg/kg	330 _m ^A 6000 ^B 3200 ^C 500000 ^D 1400 ^E	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/kg	100000 ^A 500000 ^C 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Hexachlorocyclopentadiene	µg/kg	100000 ^A 500000 ^B 1000000 ^C 500000 ^D	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Hexachloroethane	µg/kg	100000 ^A 500000 ^C 1000000 ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Indeno(1,2,3-cd)pyrene	µg/kg	500 _n ^A 5600 ^B 8200 ^C	380 U	360 U	150 J	400 U	830 ^A	420 U	400 U	400 U	370 U
Isophorone	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 4400 ^F	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Methylnaphthalene, 1-	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Methylnaphthalene, 2-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 36400 ^F	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Naphthalene	µg/kg	12000 ^A 500000 _c ^B	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Nitroaniline, 2-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _d ^D 400 ^F	770 U	730 U	790 U	820 U	750 U	850 U	810 U	810 U	760 U
Nitroaniline, 3-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 500 ^E	770 U	730 U	790 U	820 U	750 U	850 U	810 U	810 U	760 U
Nitroaniline, 4-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C	770 U	730 U	790 U	820 U	750 U	850 U	810 U	810 U	760 U
Nitrobenzene	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 69000 ^D 170 _n ^E	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Nitrophenol, 2-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 300 ^E	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Nitrophenol, 4-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 100 ^F	770 U	730 U	790 U	820 U	750 U	850 U	810 U	810 U	760 U
N-Nitrosodimethylamine (NDMA)	µg/kg	n/v	-	-	-	-	-	-	-	-	-
N-Nitrosodi-n-Propylamine	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
n-Nitrosodiphenylamine	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Pentachloronitrobenzene (Quintozine)	µg/kg	500000 _a ^D	-	-	-	-	-	-	-	-	-
Pentachlorophenol	µg/kg	800 _m ^A 6700 ^B 800 _c ^C	770 UJ	730 UJ	790 U	820 U	750 UJ	850 UJ	810 UJ	810 U	760 U
Phenanthrene	µg/kg	100000 ^A 500000 _c ^B 1000000 _d ^C	380 U	360 U	270 J	400 U	2800	420 U	400 U	400 U	370 U
Phenol	µg/kg	330 _m ^A 500000 _c ^B 330 _c ^C	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Pyrene	µg/kg	100000 ^A 500000 _c ^B 1000000 _d ^C	380 U	360 U	610	400 U	2700	420 U	400 U	400 U	370 U
Pyridine	µg/kg	n/v	-	-	-	-	-	-	-	-	-
Tetrachlorobenzene, 1,2,4,5-	µg/kg	n/v	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Trichlorobenzene, 1,2,4-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 3400 ^F	-	-	-	-	-	-	-	-	-
Trichlorophenol, 2,4,5-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 100 ^F	770 U	730 U	790 U	820 U	750 U	850 U	810 U	810 U	760 U
Trichlorophenol, 2,4,6-	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D	380 U	360 U	390 U	400 U	370 U	420 U	400 U	400 U	370 U
Semi - Volatile Tentatively Identified Compounds											
Tentatively Identified Compound	µg/kg	n/v	-	-	-	-	-	-	-	-	-

See last page for notes.

Table A2
Summary of Soil Sample Analysis Results - SVOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Notes:

NYSDEC	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Commercial
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
D	Table 1 Supplemental Soil Cleanup Objectives - Commercial
E	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
15.2	Compound was detected at the concentration shown; the concentration did not exceed applicable standards.
6.5 ^A	Concentration detected exceeds the standard indicated by the letter code.
360 U	The analyte was not detected above the laboratory’s reportable detection limit shown (a concentration of 360 µg/kg in this example).
990 U	The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
NS	No SCO has been established for this compound.
D _a	SCOs for organic contaminants (volatile organic compounds, semivolatile organic compounds, and pesticides) are capped at 100 ppm for residential use, 500 ppm for commercial use, 1000 ppm for industrial use. SCOs for metals are capped at 10,000 ppm.
A _a	The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
b	Based on rural background study
b,s1	Based on rural background study. The value of 1.0 refers to SVOC analses while the 0.17b refers to VOC analyses.
c	The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
f	For constituents where the calculated SCO was lower than the CRQL, the CRQL is used as the SCO value.
BC _g	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
m	For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
n	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
J	The reported result is an estimated value.
R	The sample results are rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified.
UJ	Indicates estimated non-detect.

Table A3
Summary of Soil Sample Analysis Results - Polychlorinated Biphenyls
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Depth Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			AOC 2 - Former Drainage Swale					AOC 4 - Former Press Pit		AOC 5 - Former Waste Storage Areas			AOC 10 - Sitewide Conditions			AOC 11 - Sitewide Conditions (Soil)						
			SW-TB-1 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-2 8-Nov-12	SW-TB-3 8-Nov-12	SW-TB-4 7-Nov-12	AMSF-MW-25 23-Apr-13	AMSF-MW-25 23-Apr-13	5A-TB-1 7-Nov-12	5B-TB-1 9-Nov-12	5B-TB-2 9-Nov-12	AMSF-MW-28 1-May-13	AMSF-MW-29 15-May-13	AMSF-MW-30 14-May-13	AOC11-TB-1 3-May-13	AOC11-TB-1 3-May-13	AOC11-TB-2 1-May-13	AOC11-TB-2 1-May-13	AOC11-TB-3 3-May-13	AOC11-TB-3 3-May-13	AOC11-TB-3 3-May-13
		NYSDEC Soil Cleanup Objectives (SCOs)	SW-TB-1-1	SW-TB-2	DUP-2	SW-TB-3-2	SW-TB-4	MW-25-S-2	MW-25-S-1	5A-TB-1	5B-TB-1-2	5B-TB-2	MW-28-S-1	MW-29-S-1 (MS/MSD)	MW-30-S-1	AOC11-TB1-SS-1	AOC11-TB1-S-1	AOC11-TB2-SS-1	AOC11-TB2-S-1	AOC11-TB3-SS-1	AOC11-TB3-S-1	MW-DUP-S-1
			5.5 ft	4 - 5.5 ft	4 - 5.5 ft	4.5 ft	3.1 ft	7 - 8 ft	9.5 - 10.5 ft	4.5 ft	3 - 4 ft	3 - 4 ft	3.5 - 4.9 ft	9.8 - 12.8 ft	2.5 ft	0.1 - 2 ft	6.5 - 7.5 ft	0.1 - 1 ft	4 - 5 ft	0.1 - 2 ft	12 - 14 ft	12 - 14 ft
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
			L2407	L2407	L2407	L2407	L2408	M0596	M0596	L2408	L2407	L2407	M0688	SB70063	SB70063	M0716	M0716	M0688	M0688	M0716	M0716	M0716
			L2407-05	L2407-09	L2407-10	L2407-08	L2408-05	M0596-04	M0596-03	L2408-04	L2407-13	L2407-11	M0688-06	SB70063-04	SB70063-02	M0716-01	M0716-02	M0688-04	M0688-05	M0716-03	M0716-04	M0716-05
	Units				Field Duplicate																	Field Duplicate

Polychlorinated Biphenyls																						
Aroclor 1016	µg/kg	100 _o ^A 1000 _o ^B 3200 _o ^C	37 U	39 U	38 U	37 U	39 U	40 U	42 U	41 U	40 U	38 U	39 U	11.7 U	11.3 U	39 U	36 U	38 U	42 U	38 U	41 U	41 U
Aroclor 1221	µg/kg	100 _o ^A 1000 _o ^B 3200 _o ^C	37 U	39 U	38 U	37 U	39 U	40 U	42 U	41 U	40 U	38 U	39 U	21.2 U	20.4 U	39 U	36 U	38 U	42 U	38 U	41 U	41 U
Aroclor 1232	µg/kg	100 _o ^A 1000 _o ^B 3200 _o ^C	37 U	39 U	38 U	37 U	39 U	40 U	42 U	41 U	40 U	38 U	39 U	15.1 U	14.5 U	39 U	36 U	38 U	42 U	38 U	41 U	41 U
Aroclor 1242	µg/kg	100 _o ^A 1000 _o ^B 3200 _o ^C	37 U	39 U	38 U	37 U	39 U	40 U	42 U	41 U	40 U	38 U	39 U	13.8 U	13.3 U	39 U	36 U	38 U	42 U	38 U	41 U	41 U
Aroclor 1248	µg/kg	100 _o ^A 1000 _o ^B 3200 _o ^C	37 U	39 U	38 U	37 U	39 U	40 U	42 U	41 U	40 U	38 U	39 U	11.5 U	11.1 U	39 U	36 U	38 U	42 U	38 U	41 U	41 U
Aroclor 1254	µg/kg	100 _o ^A 1000 _o ^B 3200 _o ^C	37 U	39 U	38 U	37 U	39 U	40 U	42 U	41 U	40 U	38 U	39 U	19.6 U	18.9 U	39 U	36 U	38 U	42 U	38 U	41 U	41 U
Aroclor 1260	µg/kg	100 _o ^A 1000 _o ^B 3200 _o ^C	37 U	39 U	38 U	37 U	39 U	40 U	42 U	41 U	40 U	38 U	39 U	14.6 U	14.0 U	39 U	36 U	38 U	42 U	38 U	41 U	41 U
Aroclor 1262	µg/kg	100 _o ^A 1000 _o ^B 3200 _o ^C	37 U	39 U	38 U	37 U	39 U	40 U	42 U	41 U	40 U	38 U	39 U	21.9 U	21.1 U	39 U	36 U	38 U	42 U	38 U	41 U	41 U
Aroclor 1268	µg/kg	100 _o ^A 1000 _o ^B 3200 _o ^C	37 U	39 U	38 U	37 U	39 U	40 U	42 U	41 U	40 U	38 U	39 U	7.38 U	7.11 U	39 U	36 U	38 U	42 U	38 U	41 U	41 U

- Notes:**
- NYSDEC

NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
- A

NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
- B

NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Commercial
- C

NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
- D

Table 1 Supplemental Soil Cleanup Objectives - Commercial
- E

Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
- 15.2

Compound was detected at the concentration shown; the concentration did not exceed applicable standards.
- 6.5^A

Concentration detected exceeds the standard indicated by the letter code.
- 0.03 U

The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
- 0.50 U

The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
- n/v

No standard/guideline value.
- Parameter not analyzed / not available.
- _o^{ABC}

The criterion is applicable to total PCBs, and the individual Aroclors should be added for comparison.

Table A4
Summary of Soil Sample Analysis Results - Inorganics and Metals
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 3 - East Side Sanitary Sewer	AOC 4 - Former Press Pit		AOC 5 - Former Waste Storage Areas				AOC 6 - Paint Shop, and AOC 7 - Former Plating Area						AOC 8 - Former Spray Wash Area				AOC 10 - Sitewide Conditions			
Sample Location			SEW-TB-1	AMSF-MW-25	AMSF-MW-25	5A-TB-1	5B-TB-1	5B-TB-1	5B-TB-2	PS-TB-1	PS-TB-1	PS-TB-2	7-TB-1	7-TB-1	7-TB-2	AMSF-MW-26	AMSF-MW-27	SPW-TB-2	SPW-TB-2	AMSF-MW-28	AMSF-MW-29	AMSF-MW-30	AMSF-MW-30
Sample Date			8-Nov-12	23-Apr-13	23-Apr-13	7-Nov-12	9-Nov-12	9-Nov-12	9-Nov-12	9-Nov-12	9-Nov-12	9-Nov-12	9-Nov-12	9-Nov-12	9-Nov-12	1-May-13	7-May-13	8-May-13	8-May-13	1-May-13	15-May-13	14-May-13	14-May-13
Sample ID			SEW-TB-1	MW-25-S-2	MW-25-S-1	5A-TB-1	5B-TB-1-2	5B-TB-1-1	5B-TB-2	PS-TB-1-2	PS-TB-1-1	PS-TB-2	7-TB-1-1	7-TB-1-2	7-TB-2	MW-26-S-1	MW-27-S-1	SPW-TB2-S-1	SPW-TB2-S-1D	MW-28-S-1	MW-29-S-1 (MS/MSD)	MW-30-S-1	MW-30-S-2
Sample Depth			5 ft	7 - 8 ft	9.5 - 10.5 ft	4.5 ft	3 - 4 ft	6.8 ft	3 - 4 ft	2 - 4 ft	8 ft	2 - 4 ft	2 - 3 ft	13.7 ft	2 - 4 ft	8 - 8.4 ft	7.5 - 7.7 ft	8 ft		3.5 - 4.9 ft	9.8 - 12.8 ft	2.5 ft	9 ft
Sampling Company		NYSDEC Soil Cleanup Objectives (SCOs)	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC		STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		Refer to notes on last page for explanation of letter codes	L2407	M0596	M0596	L2408	L2407	L2407	L2407	L2407	L2407	L2408	L2407	L2407	L2407	M0688	M0716	M0716	M0716	M0688	SB70063	SB70063	SB70063
Laboratory Sample ID			L2407-03	M0596-04	M0596-03	L2408-04	L2407-13	L2407-12	L2407-11	L2407-20	L2407-19	L2408-01	L2407-16	L2407-17	L2407-18	M0688-03	M0716-06	M0716-09	M0716-09D Lab Replicate	M0688-06	SB70063-04	SB70063-02	SB70063-03
Sample Type	Units																						
General Chemistry																							
Moisture Content	%	n/v	19	18	24	22	17	23	14	17	12	16	16	9.3 J	15	17	13	16	-	17	-	-	-
Percent Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82.9	84.9	89.8
Total Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Metals																							
Aluminum	mg/kg	^{NS} 10000 ^a ^B 10000 ^c 10000 ^a ^{DE}	-	-	-	15700 ^{BCDE}	11000 ^{BCDE}	-	14200 ^{BCDE}	15300 ^{BCDE}	-	11600 ^{BCDE}	8230	-	8880	18000 ^{BCDE}	12900 ^{BCDE}	15200 ^{BCDE}	15510 ^{BCDE}	14300 ^{BCDE}	11500 J ^{BCDE}	8830 J	-
Antimony	mg/kg	^{NS} 10000 ^a ^B 10000 ^c 10000 ^a ^{DE}	-	-	-	1.0 B	0.63 J	-	0.92 J	0.95 J	-	0.67 J	0.60 J	-	0.64 J	0.36 UJ	0.38 UJ	0.29 UJ	0.2900 U	0.35 UJ	1.08 UJ	1.08 UJ	-
Arsenic	mg/kg	13 ^a 16 ^a 16 ^{BC}	-	-	-	3.2	2.9 *	-	5.9 *	3.6 *	-	3.8	2.6 *	-	3.1 *	5.6	6.1	5.8	5.348	5.1	3.50	3.19	-
Barium	mg/kg	350 ^a 400 ^a 820 ^C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88.6	78.8 J	51.8 J	-
Beryllium	mg/kg	7.2 ^A 590 ^B 47 ^C	-	-	-	0.73	0.38	-	0.65	0.58	-	0.46	0.31	-	0.36	0.67	0.40	0.52	0.5353	0.38	0.574 J	0.426 J	-
Cadmium	mg/kg	2.5 ^a 9.3 ^B 7.5 ^C	-	-	-	0.30	0.26 B	-	0.32	0.25 B	-	0.31	0.24 B	-	0.28	0.48	0.26	0.31	0.3166	0.22 B	0.173 UJ	0.172 UJ	-
Calcium	mg/kg	^{NS} 10000 ^a ^B 10000 ^c 10000 ^a ^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4540	57500 J ^{BCDE}	3310 J	-
Chromium (Total)	mg/kg	^{NS,q} 10000 ^a ^{ABC}	-	-	-	24.9	10.8	-	21.9	17.7	-	16.8	8.6	-	9.8	23.6	18.9	21.2	21.65	19.8	16.5 J	13.0 J	-
Cobalt	mg/kg	^{NS} 10000 ^a ^B 10000 ^c 10000 ^a ^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.1	6.20 J	4.36 J	-
Copper	mg/kg	50 ^A 270 ^B 1720 ^C	-	-	-	16.4	5.9 *	-	16.5 *	11.5 *	-	11.7	7.6 *	-	6.8 *	18.2	16.1	16.3	16.54	19.0	12.3	12.4	-
Iron	mg/kg	^{NS} 10000 ^a ^B 10000 ^c 10000 ^a ^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22600 ^{BCDE}	20900 J ^{BCDE}	19400 J ^{BCDE}	-
Lead	mg/kg	63 ^a 1000 ^B 450 ^C	-	-	-	7.5	12.6 *	-	7.5 *	10.5 *	-	11.1	10.5 *	-	11.5 *	7.7	6.7	7.1	7.488	7.1	7.09	7.09	-
Magnesium	mg/kg	^{NS} 10000 ^a ^B 10000 ^c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4110	15400 J ^{BC}	2970 J	-
Manganese	mg/kg	1600 ^a 10000 ^a 2000 ^a ^C	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	254	387 J	394 J	-
Mercury	mg/kg	0.18 ^a 2.8 ^a 0.73 ^C	-	-	-	0.016 B	0.045	-	0.022 B	0.027 B	-	0.031 B	0.046	-	0.021 B	0.0065 B	0.0070 B	0.018 B	0.0247 B	0.020 B	0.0115 J	0.0294 J	-
Nickel	mg/kg	30 ^A 310 ^B 130 ^C	-	-	-	27.7	10.2 *	-	24.7 *	18.0 *	-	15.5	8.5 *	-	9.8 *	30.0 J	23.1 J	23.2 J	23.09	17.9 J	15.7 J	10.4 J	-
Potassium	mg/kg	^{NS} 10000 ^a ^B 10000 ^c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1170	3060 J	1210 J	-
Selenium	mg/kg	3.9 ^a 1500 ^B 4 ^a ^C	-	-	-	0.64 U	1.4 B	-	1.3 B	1.5 B	-	0.58 U	1.2 B	-	0.92 B	1.6	1.9	1.5	1.410	2.3	0.506 U	0.503 U	-
Silver	mg/kg	2 ^A 1500 ^B 8.3 ^C	-	-	-	0.064 U	0.13 B	-	0.093 B	0.072 U	-	0.061 B	0.11 B	-	0.13 B	0.060 U	0.064 U	0.049 U	0.0500 U	0.059 U	0.508 U	0.505 U	-
Sodium	mg/kg	^{NS} 10000 ^a ^B 10000 ^c	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	158	369 J	513 J	-
Thallium	mg/kg	^{NS} 10000 ^a ^B 10000 ^c 10000 ^a ^{DE}	-	-	-	0.98 B	0.22 UJ	-	0.27 J	0.47 J	-	0.20 UJ	0.28 J	-	0.22 UJ	1.0	1.1	0.93	1.024	0.21 B	0.996 U	0.990 U	-
Vanadium	mg/kg	^{NS} 10000 ^a ^B 10000 ^c 10000 ^a ^{DE}	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31.2	24.1	24.0	-
Zinc	mg/kg	109 ^a 10000 ^B 2480 ^C	-	-	-	57.1 J	36.8 J	-	53.0 J	48.6 J	-	45.9 J	32.9 J	-	37.8 J	224 J ^A	47.7 J	50.2 J	50.82	54.1 J	40.8 J	25.8 J	-

See last page for notes.

Table A4
Summary of Soil Sample Analysis Results - Inorganics and Metals
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 11 - Sitewide Conditions (Soil)							Other Areas		OU1 - Northern Corner			
			AOC11-TB-1 3-May-13	AOC11-TB-1 3-May-13	AOC11-TB-2 1-May-13	AOC11-TB-2 1-May-13	AOC11-TB-3 3-May-13	AOC11-TB-3 3-May-13	AOC11-TB-3 3-May-13	Other-TB-1 9-Nov-12	Other-TB-1 9-Nov-12	OU1-TB-MW-1 9-Apr-14	OU1-TB-MW-1 9-Apr-14	OU1-TB-MW-2 7-Apr-14	OU1-TB-MW-2 7-Apr-14
Sample Location			AOC11-TB1-SS-1	AOC11-TB1-S-1	AOC11-TB2-SS-1	AOC11-TB2-S-1	AOC11-TB3-SS-1	AOC11-TB3-S-1	MW-DUP-S-1	OTHER-TB-1-1	OTHER-TB-1-2	AMSF-OU1-TB-MW-1	AMSF-OU1-TB-MW-1DUP	AMSF-OU1-TB-MW-2	AMSF-OU1-DUP
Sample Date															
Sample ID															
Sample Depth			0.1 - 2 ft	6.5 - 7.5 ft	0.1 - 1 ft	4 - 5 ft	0.1 - 2 ft	12 - 14 ft	12 - 14 ft	1.5 - 2.5 ft	9 ft				
Sampling Company		NYSDEC Soil Cleanup Objectives (SCOs)	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		Refer to notes on last page for explanation of letter codes	M0716	M0716	M0688	M0688	M0716	M0716	M0716	L2407	L2407	N0572	N0572	N0572	N0572
Laboratory Sample ID			M0716-01	M0716-02	M0688-04	M0688-05	M0716-03	M0716-04	M0716-05	L2407-14	L2407-15	N0572-04	N0572-04DUP	N0572-02	N0572-03
Sample Type	Units								Field Duplicate				Lab Replicate		Field Duplicate
General Chemistry															
Moisture Content	%	n/v	15	8.8	16	22	13	21	20	19	14	11	10.47	15	15
Percent Solids	%	n/v	-	-	-	-	-	-	-	-	-	-	-	-	-
Total Solids	%	n/v	-	-	-	-	-	-	-	-	-	89	-	85	85
Metals															
Aluminum	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C 10000 _a ^{DE}	3390	3770	9060	13900 ^{BCDE}	20800 ^{BCDE}	4360	4330	-	-	-	-	-	-
Antimony	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C 10000 _a ^{DE}	0.38 UJ	0.29 UJ	0.36 UJ	0.47 UJ	0.28 UJ	0.37 UJ	0.41 UJ	-	-	-	-	-	-
Arsenic	mg/kg	13 _n ^A 16 _g ^{BC}	2.5	2.3	5.0	5.2	6.9	2.5	4.0	-	-	-	-	-	-
Barium	mg/kg	350 _n ^A 400 ^B 820 ^C	12.5	27.6	66.9	85.5	157	23.7	30.4	-	-	-	-	-	-
Beryllium	mg/kg	7.2 ^A 590 ^B 47 ^C	0.11 B	0.11 B	0.31	0.46	1.0	0.11 B	0.15 B	-	-	-	-	-	-
Cadmium	mg/kg	2.5 _n ^A 9.3 ^B 7.5 ^C	0.37	0.12 B	0.34	0.20 B	0.55	0.14 B	0.12 B	-	-	-	-	-	-
Calcium	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C 10000 _a ^{DE}	195000 ^{BCDE}	74100 ^{BCDE}	6010	10300 ^{BCDE}	6750	55700 ^{BCDE}	78900 ^{BCDE}	-	-	-	-	-	-
Chromium (Total)	mg/kg	^{NS} ^A ^{ABC}	9.2	6.6	12.1	20.5	30.7	6.7	6.4	-	-	-	-	-	-
Cobalt	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C 10000 _a ^{DE}	2.7	3.5	7.5	7.9	15.1	4.2	3.8	-	-	-	-	-	-
Copper	mg/kg	50 ^A 270 ^B 1720 ^C	15.8	12.2	12.2	17.6	19.8	17.3	13.7	-	-	-	-	-	-
Iron	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C 10000 _a ^{DE}	9220	10300 ^{BCDE}	15800 ^{BCDE}	23200 ^{BCDE}	39100 ^{BCDE}	12000 ^{BCDE}	12600 ^{BCDE}	-	-	-	-	-	-
Lead	mg/kg	63 _n ^A 1000 ^B 450 ^C	35.2	5.8	14.1	7.2	11.1	5.9	5.8	-	-	-	-	-	-
Magnesium	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C	111000 ^{BC}	21600 ^{BC}	4360	7690	9030	16100 ^{BC}	22500 ^{BC}	-	-	-	-	-	-
Manganese	mg/kg	1600 _n ^A 10000 _e ^B 2000 _g ^C	385	330	592	224	505	328	383	-	-	-	-	-	-
Mercury	mg/kg	0.18 _n ^A 2.8 _e ^B 0.73 ^C	0.069	0.027 B	0.035 B	0.015 B	0.033 B	0.0032 U	0.0030 U	-	-	-	-	-	-
Nickel	mg/kg	30 ^A 310 ^B 130 ^C	7.4 J	7.3 J	14.1 J	18.7 J	33.9 J ^A	8.9 J	7.8 J	-	-	-	-	-	-
Potassium	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C	461	605	730	1450	2190	505	619	-	-	-	-	-	-
Selenium	mg/kg	3.9 _n ^A 1500 ^B 4 _g ^C	0.64 U	0.63 B	1.7	3.1	3.1	1.1 B	0.70 U	-	-	-	-	-	-
Silver	mg/kg	2 ^A 1500 ^B 8.3 ^C	0.43 B	0.049 U	0.12 B	0.079 U	0.047 U	0.063 U	0.070 U	-	-	-	-	-	-
Sodium	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C	720	370	41.0 B	280	121	121 J	409 J	-	-	-	-	-	-
Thallium	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C 10000 _a ^{DE}	4.2	1.2	0.24 B	0.27 U	0.61 B	0.81 B	1.0 B	-	-	-	-	-	-
Vanadium	mg/kg	^{NS} ^A 10000 _e ^B 10000 _d ^C 10000 _a ^{DE}	8.2	11.4	15.4	32.0	37.3	11.5	13.3	-	-	-	-	-	-
Zinc	mg/kg	109 _n ^A 10000 _e ^B 2480 ^C	39.2 J	29.5 J	54.1 J	64.6 J	75.9 J	26.5 J	26.6 J	-	-	-	-	-	-

See last page for notes.

Table A4
Summary of Soil Sample Analysis Results - Inorganics and Metals
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Notes:

NYSDEC	NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
A	NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
B	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Commercial
C	NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
D	Table 1 Supplemental Soil Cleanup Objectives - Commercial
E	Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
15.2	Compound was detected at the concentration shown; the concentration did not exceed applicable standards.
6.5 ^A	Concentration detected exceeds the standard indicated by the letter code.
0.03 U	The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
0.50 U	The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
NS	No SCO has been established for this compound.
NS,q ^{AC}	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium.
NS,q ^B	No SCO has been established for this compound. No SCO has been established for total chromium; however, see standards for trivalent and hexavalent chromium. For commercial use, these are 1500 and 400 mg/kg respectively.
a ^{DE}	SCOs for organic contaminants (volatile organic compounds, semivolatile organic compounds, and pesticides) are capped at 100 ppm for residential use, 500 ppm for commercial use, 1000 ppm for industrial use. SCOs for metals are capped at 10,000 ppm.
d	The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
e	The SCOS for metals were capped at a maximum value of 10,000 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3.
g ^{BC}	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 2 SCO value for this use of the site.
k	This SCO is the lower of the values for mercury (elemental) or mercury (inorganic salts). See 6 NYCRR Part 375 TSD Table 5.6-1.
n	For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
*	Indicates analysis is not within the quality control limits.
B	Indicates a trace concentration below the reporting limit.
E	Result exceeded calibration range.
J	The reported result is an estimated value.
UJ	Indicates estimated non-detect.

Table A5
Summary of Soil Sample Analysis Results - Pesticides
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Depth Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type			AOC 2 - Former Drainage Swale					AOC 10 - Sitewide Conditions			AOC 11 - Sitewide Conditions (Soil)						
			SW-TB-1	SW-TB-2	SW-TB-2	SW-TB-3	SW-TB-4	AMSF-MW-28	AMSF-MW-29	AMSF-MW-30	AOC11-TB-1	AOC11-TB-1	AOC11-TB-2	AOC11-TB-2	AOC11-TB-3	AOC11-TB-3	AOC11-TB-3
			8-Nov-12	8-Nov-12	8-Nov-12	8-Nov-12	7-Nov-12	1-May-13	15-May-13	14-May-13	3-May-13	3-May-13	1-May-13	1-May-13	3-May-13	3-May-13	3-May-13
			SW-TB-1-1	SW-TB-2	DUP-2	SW-TB-3-2	SW-TB-4	MW-28-S-1	MW-29-S-1 (MS/MSD)	MW-30-S-1	AOC11-TB1-SS-1	AOC11-TB1-S-1	AOC11-TB2-SS-1	AOC11-TB2-S-1	AOC11-TB3-SS-1	AOC11-TB3-S-1	MW-DUP-S-1
			5.5 ft	4 - 5.5 ft	4 - 5.5 ft	4.5 ft	3.1 ft	3.5 - 4.9 ft	9.8 - 12.8 ft	2.5 ft	0.1 - 2 ft	6.5 - 7.5 ft	0.1 - 1 ft	4 - 5 ft	0.1 - 2 ft	12 - 14 ft	12 - 14 ft
			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
			L2407	L2407	L2407	L2407	L2408	M0688	SB70063	SB70063	M0716	M0716	M0688	M0688	M0716	M0716	M0716
			L2407-05	L2407-09	L2407-10	L2407-08	L2408-05	M0688-06	SB70063-04	SB70063-02	M0716-01	M0716-02	M0688-04	M0688-05	M0716-03	M0716-04	M0716-05
					Field Duplicate												
Units		NYSDEC Soil Cleanup Objectives (SCOs)															
Pesticides																	
Alachlor	µg/kg	n/v	-	-	-	-	-	-	1.39 U	1.35 U	-	-	-	-	-	-	
Aldrin	µg/kg	5 _n ^A 680 ^B 190 ^C	1.9 U	2.0 U	2.0 U	1.9 U	2.0 UJ	2.0 U	0.959 U	0.928 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
BHC, alpha-	µg/kg	20 ^{A,C} 3400 ^B	1.9 U	2.0 U	2.0 U	1.9 U	2.0 UJ	2.0 U	0.911 U	0.882 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
BHC, beta-	µg/kg	36 ^A 3000 ^B 90 ^C	1.9 U	2.0 U	2.0 U	1.9 U	9.0 NJ	2.0 U	1.01 U	0.975 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
BHC, delta-	µg/kg	40 _n ^A 500000 _n ^B 250 ^C	1.9 U	2.0 U	2.0 U	1.9 U	2.0 UJ	2.0 U	1.02 U	0.986 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
Camphechlor (Toxaphene)	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C	190 U	200 U	200 U	190 U	200 UJ	200 U	13.5 U	13.1 U	200 U	190 U	200 U	220 U	190 U	210 U	
Chlordane (Total)	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C	-	-	-	-	-	-	3.40 U	3.30 U	-	-	-	-	-	-	
Chlordane, alpha-	µg/kg	94 ^A 24000 ^B 2900 ^C	1.9 U	2.0 U	2.0 U	1.9 U	2.0 UJ	2.0 U	1.08 U	1.04 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
Chlordane, trans-	µg/kg	n/v	1.9 U	2.0 U	2.0 U	1.9 U	2.0 UJ	2.0 U	1.01 U	0.975 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
DDD (p,p'-DDD)	µg/kg	3.3 _m ^A 92000 ^B 14000 ^C	3.7 U	3.9 U	3.8 U	3.7 U	3.9 UJ	3.9 U	1.03 U	0.998 U	3.8 U	3.6 U	3.8 U	4.2 U	3.8 U	4.1 U	
DDE (p,p'-DDE)	µg/kg	3.3 _m ^A 62000 ^B 17000 ^C	3.7 U	3.9 U	3.8 U	3.7 U	3.9 UJ	3.9 U	1.02 U	0.986 U	3.8 U	3.6 U	3.8 U	4.2 U	3.8 U	4.1 U	
DDT (p,p'-DDT)	µg/kg	3.3 _m ^A 47000 ^B 136000 ^C	3.7 U	3.9 U	3.8 U	3.7 U	3.9 UJ	3.9 U	1.01 U	0.975 U	3.8 U	3.6 U	3.8 U	4.2 U	3.8 U	4.1 U	
Dieldrin	µg/kg	5 _n ^A 1400 ^B 100 ^C	3.7 U	3.9 U	3.8 U	3.7 U	4.0 NJ	3.9 U	0.995 U	0.963 U	3.8 U	3.6 U	3.8 U	4.2 U	3.8 U	4.1 U	
Endosulfan I	µg/kg	2400 _i ^A 200000 _i ^B 102000 ^C	1.9 U	2.0 U	2.0 U	1.9 U	2.0 UJ	2.0 U	1.05 U	1.02 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
Endosulfan II	µg/kg	2400 _i ^A 200000 _i ^B 102000 ^C	3.7 U	3.9 U	3.8 U	3.7 U	3.9 UJ	3.9 U	1.03 U	0.998 U	3.8 U	3.6 U	3.8 U	4.2 U	3.8 U	4.1 U	
Endosulfan Sulfate	µg/kg	2400 _i ^A 200000 _i ^B 1000000 _d ^C	3.7 U	3.9 U	3.8 U	3.7 U	3.9 UJ	3.9 U	1.11 U	1.08 U	3.8 U	3.6 U	3.8 U	4.2 U	8.9 NJ	4.1 U	
Endrin	µg/kg	14 ^A 89000 ^B 60 ^C	3.7 U	3.9 U	3.8 U	3.7 U	3.9 UJ	3.9 U	1.19 U	1.15 U	3.8 U	3.6 U	3.8 U	4.2 U	3.8 U	4.1 U	
Endrin Aldehyde	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C	3.7 U	3.9 U	3.8 U	3.7 U	4.4 J	3.9 U	1.07 U	1.03 U	3.8 U	3.6 U	3.8 U	4.2 U	4.0	4.1 U	
Endrin Ketone	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C	3.7 U	3.9 U	3.8 U	3.7 U	3.9 UJ	3.9 U	1.08 U	1.04 U	3.8 U	3.6 U	3.8 U	4.2 U	3.8 U	4.1 U	
Heptachlor	µg/kg	42 ^A 15000 ^B 380 ^C	1.9 U	2.0 U	2.0 U	1.9 U	2.0 UJ	2.0 U	0.899 U	0.870 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
Heptachlor Epoxide	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 20 ^E	1.9 U	2.0 U	2.0 U	1.9 U	2.0 UJ	2.0 U	1.05 U	1.02 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
Lindane (Hexachlorocyclohexane, gamma)	µg/kg	100 ^{A,C} 9200 ^B	1.9 U	2.0 U	2.0 U	1.9 U	2.0 UJ	2.0 U	0.971 U	0.940 U	2.0 U	1.9 U	2.0 U	2.2 U	1.9 U	2.1 U	
Methoxychlor (4,4'-Methoxychlor)	µg/kg	100000 _a ^A 500000 _c ^B 1000000 _d ^C 500000 _a ^D 900000 ^E	19 U	20 U	20 U	19 U	20 UJ	20 U	0.803 U	0.778 U	20 U	19 U	20 U	22 U	19 U	21 U	

- Notes:
- NYSDEC

NYSDEC 6 NYCRR Part 375 Soil Clean-up Objectives (SCOs)
- A

NYSDEC 6 NYCRR Part 375 - Unrestricted Use Soil Cleanup Objectives
- B

NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Human Health - Commercial
- C

NYSDEC 6 NYCRR Part 375 - Restricted Use SCO - Protection of Groundwater
- D

Table 1 Supplemental Soil Cleanup Objectives - Commercial
- E

Table 1 Supplemental Soil Cleanup Objectives - Protection of Groundwater
- 15.2

Compound was detected at the concentration shown; the concentration did not exceed applicable standards.
- 6.5^A

Concentration detected exceeds the standard indicated by the letter code.
- 0.03 U

The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
- 0.50 U

The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
- n/v

No standard/guideline value.
- Parameter not analyzed / not available.
- ^D_a

SCOs for organic contaminants (volatile organic compounds, semivolatile organic compounds, and pesticides) are capped at 100 ppm for residential use, 500 ppm for commercial use, 1000 ppm for industrial use. SCOs for metals are capped at 10,000 ppm.
- ^A_a

The SCOs for unrestricted use were capped at a maximum value of 100 mg/kg. See 6 NYCRR Part 375 TSD Section 9.3
- ^c

The SCOs for commercial use were capped at a maximum value of 500 mg/kg. See TSD Section 9.3.
- ^d

The SCOs for industrial use and the protection of groundwater were capped at a maximum value of 1000 mg/kg (Organics) and 10000 mg/kg (Inorganics). See 6 NYCRR Part 375 TSD Section 9.3.
- ^{AB}_j

This SCO is the sum of endosulfan I, endosulfan II, and endosulfan sulfate.
- ^m

For constituents where the calculated SCO was lower than the Contract Required Quantitation Limit (CRQL), the CRQL is used as the Track 1 SCO value.
- ⁿ

For constituents where the calculated SCO was lower than the rural soil background concentration as determined by the DEC/DOH rural soil survey, the rural soil background concentration is used as the Track 1 SCO value for this use of the site.
- J

The reported result is an estimated value.
- NJ

The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.
- UJ

Indicates estimated non-detect.

Table B1
Summary of Analysis Results for Groundwater and Field QA/QC Samples - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Interest			AOC 1 - Former Degreaser Area												AOC 2 - Former Drainage Swale						AOC 4 - Former Press Pit	
Sample Location	Units	NYSDEC TOGS Water Quality Criteria	AMSF-MW-20				AMSF-MW-21				AMSF-MW-22				AMSF-MW-23						AMSF-MW-25	
Sample Date			19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	13-May-14	30-Jun-15	19-Aug-15	19-Jun-13	25-Sep-13	
Sample ID			AMSF-MW-20-W-06192013	AMSF-MW-20-W-092513	AMSF-MW-20-W-063015	AMSF-MW-20-W-081915	AMSF-MW-21-W-06192013	AMSF-MW-21-W-092513	AMSF-MW-21-W-063015	AMSF-MW-21-W-081915	AMSF-MW-22-W-06192013	AMSF-MW-22-W-092513	AMSF-MW22-W-063015	AMSF-MW-22-W-081915	AMSF-MW-23-W-06192013	AMSF-MW-23-W-092513	AMSF-MW-23-W-051314	AMSF-MW23-W-063015	AMSF-MW-23-W-081915	AMSF-MW-25-W-06192013	AMSF-MW-25-W-092513	
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	
Laboratory Work Order	M1024	M1902	P1124	P1291	M1024	M1902	P1124	P1291	M1024	M1902	P1124	P1291	M1024	M1902	N0842	P1124	P1291	M1024	M1902			
Laboratory Sample ID	M1024-07	M1902-05	P1124-08	P1291-06	M1024-06	M1902-06	P1124-09	P1291-07	M1024-08	M1902-03	P1124-11	P1291-08	M1024-09	M1902-01	N0842-10	P1124-12	P1291-09	M1024-10	M1902-02			
Sample Type																						
Volatile Organic Compounds																						
Acetone	µg/L	50 ^A	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ		
Benzene	µg/L	1 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Bromodichloromethane	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Bromoform (Tribromomethane)	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Bromomethane (Methyl bromide)	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U		
Carbon Disulfide	µg/L	60 ^A	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U		
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chlorobromomethane	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chloroform (Trichloromethane)	µg/L	7 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chloromethane	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Cyclohexane	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ		
Dibromochloromethane	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichlorobenzene, 1,2-	µg/L	3 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichlorobenzene, 1,3-	µg/L	3 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichlorobenzene, 1,4-	µg/L	3 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-B}	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ		
Dichloroethane, 1,1-	µg/L	5 ^{-B}	6.4 ^B	4.0 ^B	53 ^B	47 J ^{-B}	5.6 ^B	48 ^B	4.6 J	11 ^B	11 ^B	21 ^B	5.3 ^B	22 ^B	7.1 ^B	4.7 J	6.6 ^B	4.8 J	4.2 J	6.3 ^B		
Dichloroethane, 1,2-	µg/L	0.6 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloroethene, 1,1-	µg/L	5 ^{-B}	42 ^B	34 ^B	60 ^B	21 J ^{-B}	6.1 ^B	27 ^B	8.6 ^B	6.0 ^B	6.6 ^B	11 ^B	5.0 U	11 ^B	11 ^B	6.4 ^B	6.7 ^B	7.5 ^B	5.9 ^B	3.0 J		
Dichloroethene, cis-1,2-	µg/L	5 ^{-B}	1.1 J	0.93 J	1.4 J	1.4 J-	5.0 U	0.92 J	5.0 U	0.71 J	1.1 J	1.2 J	1.7 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.82 J			
Dichloroethene, trans-1,2-	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloropropane, 1,2-	µg/L	1 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloropropene, cis-1,3-	µg/L	0.4 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloropropene, trans-1,3-	µg/L	0.4 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dioxane, 1,4-	µg/L	n/v	R	R	100 UR	100 UR	R	R	100 UR	R	R	100 UR	100 UR	R	R	R	100 UR	100 UR	R	R		
Ethylbenzene	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Isopropylbenzene	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methyl Acetate	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methyl Ethyl Ketone (MEK)	µg/L	50 ^A	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ		
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methylcyclohexane	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methylene Chloride (Dichloromethane)	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Styrene	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Tetrachloroethane, 1,1,2,2-	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Tetrachloroethene (PCE)	µg/L	5 ^{-B}	700 D ^{-B}	510 D ^{-B}	930 D ^B	230 D ^B	78 J ^B	190 D ^{-B}	120 ^B	43 ^B	260 D ^{-B}	180 ^B	190 ^B	200 ^B	44 ^B	36 ^B	45 ^B	70 ^B	47 ^B	80 J ^B		
Toluene	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Trichlorobenzene, 1,2,3-	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Trichlorobenzene, 1,2,4-	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Trichloroethane, 1,1,1-	µg/L	5 ^{-B}	120 ^B	90 ^B	120 ^B	58 J ^{-B}	31 ^B	420 D ^{-B}	23 ^B	25 ^B	27 ^B	20 ^B	10 ^B	25 ^B	58 ^B	27 ^B	48 ^B	16 ^B	19 ^B	15 ^B		
Trichloroethane, 1,1,2-	µg/L	1 ^B	1.5 J ^B	5.0 U	5.0 U	5.0 UJ	0.66 J	5.0 U	5.0 U	0.64 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Trichloroethene (TCE)	µg/L	5 ^{-B}	15 ^B	11 ^B	14 ^B	9.9 J ^{-B}	3.0 J	8.6 ^B	3.1 J	2.4 J	5.0 J	4.5 J	4.0 J	5.6 ^B	1.4 J	0.88 J	1.4 J	1.5 J	1.7 J	1.6 J		
Trichlorofluoromethane (Freon 11)	µg/L	5 ^{-B}	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ		
Trichlorotrifluoroethane (Freon 113)	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Vinyl chloride	µg/L	2 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Xylene, m & p-	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Xylene, o-	µg/L	5 ^{-B}	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Xylenes, Total	µg/L	5 ^{-B}																				

See last page for notes.

Table B1
Summary of Analysis Results for Groundwater and Field QA/QC Samples - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Interest			AOCs 6 & 7 - Former Paint Shop & Former Plating Area					AOC 8 - Former Spray Wash Area		AOC 10 - Sitefile Conditions												
Sample Location			AMSF-MW-26					AMSF-MW-27		AMSF-MW-1S				AMSF-MW-3S		AMSF-MW-4		AMSF-MW-7				
Sample Date			20-Jun-13	26-Sep-13	26-Sep-13	30-Jun-15	20-Aug-15	18-Jun-13	26-Sep-13	20-Jun-13	26-Sep-13	29-Jun-15	18-Aug-15	20-Jun-13	26-Sep-13	18-Jun-13	27-Sep-13	26-Sep-13	12-May-14	26-Jun-15	18-Aug-15	
Sample ID			AMSF-MW-26-W-06202013	AMSF-MW-26-W-092613	AMSF-MW-DUP-W-092613	AMSF-MW-26-W-063015	AMSF-MW-26-W-082015	AMSF-MW-27-W-06182013	AMSF-MW-27-W-092613	AMSF-MW-1S-W-06202013	AMSF-MW-1S-W-092613	AMSF-MW-1S-W-062915	AMSF-MW-1S-W-081815	AMSF-MW-3S-W-06202013	AMSF-MW-3S-W-092613	AMSF-MW-4-W-06182013	AMSF-MW-4-W-092713	AMSF-MW-7-W-092613	AMSF-MW-7-W-051214	AMSF-MW-7-W-062615	AMSF-MW-7-W-081815	
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	
Laboratory Work Order			M1053	M1902	M1902	P1124	P1291	M1024	M1902	M1053	M1902	P1124	P1291	M1053	M1902	M1024	M1902	M1902	N0842	P1124	P1291	
Laboratory Sample ID			M1053-04	M1902-07	M1902-08	P1124-10	P1291-15	M1024-02	M1902-09	M1053-06	M1902-12	P1124-06	P1291-01	M1053-01	M1902-11	M1024-05	M1902-14	M1902-13	N0842-04	P1124-03	P1291-02	
Sample Type	Units	NYSDEC TOGS Water Quality Criteria			Field Duplicate																	
Volatile Organic Compounds																						
Acetone	µg/L	50 ^A	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	200 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	200 UJ	5.0 U	5.0 U	5.0 U	
Benzene	µg/L	1 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Bromodichloromethane	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Bromoform (Tribromomethane)	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Bromomethane (Methyl bromide)	µg/L	5 ^B	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	200 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	200 UJ	5.0 U	5.0 U	5.0 UJ	
Carbon Disulfide	µg/L	60 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 UJ	5.0 U	
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Chlorobromomethane	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Chloroethane (Ethyl Chloride)	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	1.5 J	5.0 U	9.0 ^B	
Chloroform (Trichloromethane)	µg/L	7 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Chloromethane	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Cyclohexane	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dibromochloromethane	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dichlorobenzene, 1,2-	µg/L	3 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dichlorobenzene, 1,3-	µg/L	3 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dichlorobenzene, 1,4-	µg/L	3 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dichloroethane, 1,1-	µg/L	5 ^B	29 ^B	7.3 ^B	7.4 ^B	9.3 ^B	7.5 ^B	2.6 J	1.9 J	19 J ^B	320 ^B	95 ^B	34 ^B	5.0 U	0.68 J	12 ^B	9.4 ^B	32 J ^B	8.4 ^B	6.5 ^B	17 ^B	
Dichloroethane, 1,2-	µg/L	0.6 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dichloroethane, 1,1-	µg/L	5 ^B	28 ^B	9.2 ^B	8.8 ^B	12 ^B	4.5 J	2.2 J	1.2 J	13 J ^B	63 J ^B	50 U	4.6 J	5.0 U	5.0 U	0.86 J	0.59 J	65 J ^B	5.0 U	5.0 U	5.0 U	
Dichloroethene, cis-1,2-	µg/L	5 ^B	7.4 ^B	1.0 J	0.96 J	0.64 J	1.3 J	5.0 U	5.0 U	0.67 J	200 U	0.83 J	5.0 U	0.76 J	4.2 J	3.5 J	1.3 J	200 U	5.0 U	5.0 U	1.4 J	
Dichloroethene, trans-1,2-	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dichloropropane, 1,2-	µg/L	1 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dichloropropene, cis-1,3-	µg/L	0.4 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dichloropropene, trans-1,3-	µg/L	0.4 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Dioxane, 1,4-	µg/L	n/v	R	R	R	100 UR	100 UR	R	R	R	R	100 UR	100 UR	R	R	R	R	R	R	100 UR	100 UR	
Ethylbenzene	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Isopropylbenzene	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Methyl Acetate	µg/L	n/v	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Methyl Ethyl Ketone (MEK)	µg/L	50 ^A	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	200 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	200 UJ	5.0 U	5.0 U	5.0 U	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Methylcyclohexane	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Methylene Chloride (Dichloromethane)	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Styrene	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Tetrachloroethane, 1,1,2,2-	µg/L	5 ^B	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	200 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	200 UJ	5.0 U	5.0 U	5.0 U	
Tetrachloroethene (PCE)	µg/L	5 ^B	7.1 ^B	4.0 J	4.1 B J	6.7 ^B	2.6 J	4.6 J	6.3 ^B	5.0 U	200 U	5.0 U	5.0 U	70 ^B	45 ^B	5.0 UJ	1.5 J	200 U	5.0 U	5.0 U	5.0 U	
Toluene	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Trichlorobenzene, 1,2,3-	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Trichlorobenzene, 1,2,4-	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Trichloroethane, 1,1,1-	µg/L	5 ^B	85 ^B	33 ^B	34 ^B	35 ^B	19 ^B	9.3 ^B	7.5 ^B	140 J ^B	4900 ^B	370 D ^B	49 ^B	3.7 J	2.8 J	1.2 J	10 ^B	5900 ^B	10 ^B	5.0 U	11 ^B	
Trichloroethane, 1,1,2-	µg/L	1 ^B	5.7 ^B	5.0 U	5.0 U	0.61 J	1.1 J ^B	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Trichloroethene (TCE)	µg/L	5 ^B	1.2 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.82 J	200 U	2.9 J	5.0 U	1.8 J	1.5 J	0.67 J	0.65 J	200 U	5.0 U	5.0 U	5.0 U	
Trichlorofluoromethane (Freon 11)	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Trichlorotrifluoroethane (Freon 113)	µg/L	5 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	200 U	5.0 U	5.0 U	5.0 U	
Vinyl chloride	µg/L	2 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.2 J ^B	200 U	4.9 J ^B	1.3 J	5.0 U	0.77 J	5.0 U	5.0 U	200 U	0.97 J	5.0 U	2.1 J ^B	
Xylene, m & p-	µg/L	5 ^B	5.0 U																			

Table B1
Summary of Analysis Results for Groundwater and Field QA/QC Samples - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Interest		Units	NYSDEC TOGS Water Quality Criteria	AOC 10 - Sitewide Conditions																		
Sample Location	Sample Date			AMSF-MW-9S					AMSF-MW-10		AMSF-MW-13S			AMSF-MW-16I			AMSF-MW-28		AMSF-MW-29			
Sample ID				18-Jun-13	27-Sep-13	13-May-14	29-Jun-15	18-Aug-15	20-Jun-13	26-Sep-13	12-May-14	26-Jun-15	18-Aug-15	12-May-14	26-Jun-15	18-Aug-15	21-Jun-13	27-Sep-13	21-Jun-13	27-Sep-13	29-Jun-15	19-Aug-15
Sampling Company				AMSF-MW-9S-W-06182013	AMSF-MW-9S-W-092713	AMSF-MW-9S-W-051314	AMSF-MW-9S-W-062915	AMSF-MW-9S-W-081815	AMSF-MW-10-W-06202013	AMSF-MW-10-W-092613	AMSF-MW-13S-W-051214	AMSF-MW-13S-W-062615	AMSF-MW-13S-W-081815	AMSF-MW-16I-W-051214	AMSF-MW-16I-W-062615	AMSF-MW-16I-W-081815	AMSF-MW-28-W-06212013	AMSF-MW-28-W-092713	AMSF-MW-29-W-06212013	AMSF-MW-29-W-092713	AMSF-MW-29-W-062915	AMSF-MW-29-W-081915
Laboratory				STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM
Laboratory Work Order				M1024	M1902	N0842	P1124	P1291	M1053	M1902	N0842	P1124	P1291	N0842	P1124	P1291	M1053	M1902	M1053	M1902	P1124	P1291
Laboratory Sample ID				M1024-04	M1902-15	N0842-05	P1124-07	P1291-03	M1053-03	M1902-10	N0842-02	P1124-02	P1291-04	N0842-03	P1124-01	P1291-05	M1053-07	M1902-16	M1053-08	M1902-17	P1124-13	P1291-10
Sample Type																						
Volatile Organic Compounds																						
Acetone	µg/L	50 ^A	5.0 UJ	40 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	20 UJ	5.0 U	5.0 UJ	
Benzene	µg/L	1 ^B	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	
Bromodichloromethane	µg/L	50 ^A	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	
Bromoform (Tribromomethane)	µg/L	50 ^A	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	
Bromomethane (Methyl bromide)	µg/L	5 ^{-B}	5.0 U	40 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 UJ	20 U	5.0 U	
Carbon Disulfide	µg/L	60 ^A	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	5.0 U	40 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 UJ	
Chlorobenzene (Monochlorobenzene)	µg/L	5 ^{-B}	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Chlorobromomethane	µg/L	5 ^{-B}	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Chloroethane (Ethyl Chloride)	µg/L	5 ^{-B}	4.9 J	40 U	4.5 J	5.0 U	5.0 U	5.0 U	6.9 ^B	5.0 U	13 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Chloroform (Trichloromethane)	µg/L	7 ^B	0.50 J	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Chloromethane	µg/L	5 ^{-B}	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Cyclohexane	µg/L	n/v	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	5.0 U	40 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dibromochloromethane	µg/L	50 ^A	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dichlorobenzene, 1,2-	µg/L	3 ^B	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dichlorobenzene, 1,3-	µg/L	3 ^B	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dichlorobenzene, 1,4-	µg/L	3 ^B	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dichlorodifluoromethane (Freon 12)	µg/L	5 ^{-B}	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 UJ	
Dichloroethane, 1,1-	µg/L	5 ^{-B}	120 ^B	130 ^B	130 ^B	71 ^B	38 ^B	0.72 J	0.93 J	220 D ^B	190 D ^B	170 D ^B	120 ^B	180 ^B	170 ^B	5.0 U	5.0 U	5.0 U	2.7 J	23 ^B	5.0 U	
Dichloroethane, 1,2-	µg/L	0.6 ^B	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dichloroethene, 1,1-	µg/L	5 ^{-B}	80 ^B	53 ^B	60 ^B	66 J ^B	19 ^B	5.0 U	5.0 U	22 ^B	200 D ^B	21 ^B	8.2 ^B	300 D ^B	9.1 ^B	5.0 U	5.0 U	5.0 U	1.2 J	8.1 J ^B	5.0 U	
Dichloroethene, cis-1,2-	µg/L	5 ^{-B}	80 ^B	79 ^B	83 ^B	35 ^B	20 ^B	5.0 U	5.0 U	3.0 J	9.2 ^B	4.1 J	1.5 J	1.6 J	1.2 J	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dichloroethene, trans-1,2-	µg/L	5 ^{-B}	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dichloropropane, 1,2-	µg/L	1 ^B	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dichloropropene, cis-1,3-	µg/L	0.4 ^{-B}	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dichloropropene, trans-1,3-	µg/L	0.4 ^{-B}	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Dioxane, 1,4-	µg/L	n/v	R	R	270 J	100 UR	100 J	R	R	R	100 UR	100 UR	R	100 UR	100 UR	R	R	R	R	100 UR	100 UR	
Ethylbenzene	µg/L	5 ^{-B}	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006 ^B	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50 ^A	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Isopropylbenzene	µg/L	5 ^{-B}	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Methyl Acetate	µg/L	n/v	5.0 U	40 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	5.0 U	
Methyl Ethyl Ketone (MEK)	µg/L	50 ^A	5.0 UJ	40 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	20 UJ	5.0 U	
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.0 U	40 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U						

Table B1
Summary of Analysis Results for Groundwater and Field QA/QC Samples - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

[illegible]

Analysis by 8270 SIM of 1,4-Dioxane

Dioxane, 1,4-	µg/L	n/v	-	-	-	1.8 U	4.4	-	-	-	1 U	0.96 U	4.2	4.4	-	42	44	-	-	0.44 U	0.51
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See last page for notes.

Table B1
Summary of Analysis Results for Groundwater and Field QA/QC Samples - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Interest		Units	NYSDEC TOGS Water Quality Criteria	QA/QC																		
Sample Location	Sample Date			Equipment Blank/Rinse Blanks								Trip Blank										
				8-May-13	20-Jun-13	30-Jun-15		8-Nov-12	11-Apr-14	20-Aug-15	7-Nov-12	8-Nov-12	9-Nov-12	8-May-13	14-May-13	18-Jun-13	20-Jun-13	7-Apr-14	12-May-14	26-Jun-15	26-Jun-15	18-Aug-15
Sample ID				AMSF-EB-050813	EQUIPMENT BLANK	AMSF-EQIPMENTBLANK-063015		RINSATE BLANK	AMSF-RINSEBLANK	AMSF-RINSEBLANK-W-082015	TRIP BLANK	TRIP BLANK	TB110912	AMSF-TB-050813	AMSF-TB-051413	AMSF-TB-06182013	AMSF-TB-06202013	AMSF-TRIPBLANK	AMSF-TRIPBLANK-W-051214	AMSF-TRIPBLANK1	AMSF-TRIPBLANK2	AMSF-TRIPBLANK
Sampling Company	STANTEC																					
Laboratory	SPECTRUM																					
Laboratory Work Order	M0716																					
Laboratory Sample ID	M0716-08																					
Sample Type																						
Volatile Organic Compounds																						
Acetone	µg/L	50 ^A	3.0 J	5.0 UJ	5.0 U	25 J	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	2.56 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Benzene	µg/L	1 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.67 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Bromodichloromethane	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.48 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Bromoform (Tribromomethane)	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.60 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Bromomethane (Methyl bromide)	µg/L	5- ^B	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.14 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ		
Carbon Disulfide	µg/L	60 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.63 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Carbon Tetrachloride (Tetrachloromethane)	µg/L	5 ^B	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.55 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U		
Chlorobenzene (Monochlorobenzene)	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.65 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chlorobromomethane	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.71 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chloroethane (Ethyl Chloride)	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	1.03 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chloroform (Trichloromethane)	µg/L	7 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.69 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Chloromethane	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	1.47 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Cyclohexane	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dibromo-3-Chloropropane, 1,2- (DBCP)	µg/L	0.04 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.93 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U		
Dibromochloromethane	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.29 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichlorobenzene, 1,2-	µg/L	3 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.67 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichlorobenzene, 1,3-	µg/L	3 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.71 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichlorobenzene, 1,4-	µg/L	3 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.62 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichlorodifluoromethane (Freon 12)	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	0.45 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloroethane, 1,1-	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.68 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloroethane, 1,2-	µg/L	0.6 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.78 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloroethene, 1,1-	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.49 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloroethene, cis-1,2-	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.72 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloroethene, trans-1,2-	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.68 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloropropane, 1,2-	µg/L	1 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.71 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloropropene, cis-1,3-	µg/L	0.4 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Dichloropropene, trans-1,3-	µg/L	0.4 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.50 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U		
Dioxane, 1,4-	µg/L	n/v	R	R	100 UR	R	R	100 UR	R	R	R	R	R	R	R	R	R	100 UR	100 UR	100 UR		
Ethylbenzene	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.73 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/L	0.0006 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.33 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Hexanone, 2- (Methyl Butyl Ketone)	µg/L	50 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.54 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Isopropylbenzene	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.62 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methyl Acetate	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methyl Ethyl Ketone (MEK)	µg/L	50 ^A	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	1.73 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U		
Methyl Isobutyl Ketone (MIBK)	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.93 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methyl tert-butyl ether (MTBE)	µg/L	10 ^A	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.65 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methylcyclohexane	µg/L	n/v	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	-	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Methylene Chloride (Dichloromethane)	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	1.1 J	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.69 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Styrene	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.62 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U		
Tetrachloroethane, 1,1,2,2-	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.35 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U		
Tetrachloroethene (PCE)	µg/L	5- ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	0.74 U	5								

Table B1
Summary of Analysis Results for Groundwater and Field QA/QC Samples - VOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Notes:	
TOGS	NYSDEC TOGS 1.1.1: Ambient Water Quality Standards and Guidance Values, Division of Water, Technical and Operational Guidance Series Memorandum 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)
A	TOGS 1.1.1 - Table 1 - Guidance
B	TOGS 1.1.1 - Table 1 - Standards
15.2	Compound was detected at the concentration shown; the concentration did not exceed applicable standards.
6.5 ^A	Concentration detected exceeds the standard indicated by the letter code.
5.0 U	The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 5.0 µg/L in this example).
5.0 U	The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
n/v	No standard/guideline value.
-	Parameter not analyzed / not available.
⚡	The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
⚖	Applies to the sum of cis- and trans-1,3-dichloropropene.
B	Indicates analyte was found in associated blank, as well as in the sample.
D	Indicates reanalysis of sample with additional dilution to address exceedance of instrument calibration range.
D*	Data reported from a dilution
J	The reported result is an estimated value.
J-	The analyte was positively identified; the associated numerical value is an estimated quantity that may be biased low.
UJ	Indicates estimated non-detect.
R	The results for 1,4-Dioxane were rejected in samples in which it was not detected due to deficiencies in the ability to analyze the sample and meet quality control criteria (a deficiency inherent in the methodology due to low instrument response associated with continuing calibration standards). The presence or absence of the analyte cannot be verified.

Table B2
Summary of Analysis Results for Groundwater and Field QA/QC Samples - SVOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 4 - Former Press Pit	AOC 8 - Former Spray Wash Area	AOC 10 - Sitewide Conditions					QA/QC		
			AMSF-MW-25 19-Jun-13	AMSF-MW-27 18-Jun-13	AMSF-MW-9S 18-Jun-13	AMSF-MW-28 21-Jun-13	AMSF-MW-29 21-Jun-13	AMSF-MW-30 21-Jun-13	AMSF-MW-30 21-Jun-13	Equipment Blank 8-May-13	Equipment Blank 20-Jun-13	Rinse Blank 8-Nov-12
Sample Location			AMSF-MW-25-W-06192013	AMSF-MW-27-W-06182013	AMSF-MW-9S-W-06182013	AMSF-MW-28-W-06212013	AMSF-MW-29-W-06212013	AMSF-MW-30-W-06212013	AMSF-MW-DUP-W-06212013	AMSF-EB-050813	EQUIPMENT BLANK	RINSATE BLANK
Sample Date			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Sample ID			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Sampling Company			M1024	M1024	M1024	M1053	M1053	M1053	M1053	M0716	M1053	L2405
Laboratory			M1024-10	M1024-02	M1024-04	M1053-07	M1053-08	M1053-09	M1053-10 Field Duplicate	M0716-08 Equipment Blank	M1053-05 Equipment Blank	L2405-01 Material Rinse Blank
Laboratory Work Order												
Laboratory Sample ID												
Sample Type												
Semi - Volatile Organic Compounds												
Acenaphthene	µg/L	20 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acenaphthylene	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Acetophenone	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Anthracene	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Atrazine	µg/L	7.5 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzaldehyde	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo (a)anthracene	µg/L	0.002 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo (a)pyrene	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo (b)fluoranthene	µg/L	0.002 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo (g,h,i)perylene	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzo (k)fluoranthene	µg/L	0.002 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Biphenyl, 1,1'- (Biphenyl)	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethoxy)methane	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroethyl)ether	µg/L	1 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Chloroisopropyl)ether (2,2-oxybis(1-Chloropropane))	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bis(2-Ethylhexyl)phthalate (DEHP)	µg/L	5 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Bromophenyl Phenyl Ether, 4-	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Butyl Benzyl Phthalate	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Caprolactam	µg/L	n/v	10 U	3.8 J	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Carbazole	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloro-3-methyl phenol, 4-	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloroaniline, 4-	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chloronaphthalene, 2-	µg/L	10 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorophenol, 2- (ortho-Chlorophenol)	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chlorophenyl Phenyl Ether, 4-	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	µg/L	0.002 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cresol, o- (Methylphenol, 2-)	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Cresol, p- (Methylphenol, 4-)	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzo (a,h)anthracene	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibenzofuran	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dibutyl Phthalate (DBP)	µg/L	50 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	21
Dichlorobenzidine, 3,3'-	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dichlorophenol, 2,4-	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Diethyl Phthalate	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethyl Phthalate	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dimethylphenol, 2,4-	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dinitro-o-cresol, 4,6-	µg/L	n/v	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Dinitrophenol, 2,4-	µg/L	10 ^A	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Dinitrotoluene, 2,4-	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Dinitrotoluene, 2,6-	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Di n Octyl phthalate	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluoranthene	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Fluorene	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobenzene	µg/L	0.04 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/L	0.5 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachlorocyclopentadiene	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Hexachloroethane	µg/L	5 ^{-B}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Indeno (1,2,3-cd)pyrene	µg/L	0.002 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Isophorone	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Methylnaphthalene, 2-	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

See next page for notes.

Table B2
Summary of Analysis Results for Groundwater and Field QA/QC Samples - SVOCs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 4 - Former Press Pit	AOC 8 - Former Spray Wash Area	AOC 10 - Sitewide Conditions					QA/QC		
			AMSF-MW-25 19-Jun-13	AMSF-MW-27 18-Jun-13	AMSF-MW-9S 18-Jun-13	AMSF-MW-28 21-Jun-13	AMSF-MW-29 21-Jun-13	AMSF-MW-30 21-Jun-13	AMSF-MW-30 21-Jun-13	Equipment Blank 8-May-13	Equipment Blank 20-Jun-13	Rinse Blank 8-Nov-12
Sample Location			AMSF-MW-25-W-06192013	AMSF-MW-27-W-06182013	AMSF-MW-9S-W-06182013	AMSF-MW-28-W-06212013	AMSF-MW-29-W-06212013	AMSF-MW-30-W-06212013	AMSF-MW-DUP-W-06212013	AMSF-EB-050813	EQUIPMENT BLANK	RINSATE BLANK
Sample Date			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Sample ID			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Sampling Company			M1024	M1024	M1024	M1053	M1053	M1053	M1053	M0716	M1053	L2405
Laboratory			M1024-10	M1024-02	M1024-04	M1053-07	M1053-08	M1053-09	M1053-10 Field Duplicate	M0716-08 Equipment Blank	M1053-05 Equipment Blank	L2405-01 Material Rinse Blank
Laboratory Work Order												
Laboratory Sample ID												
Sample Type												

Semi - Volatile Organic Compounds (cont'd)												
Naphthalene	µg/L	10 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitroaniline, 2-	µg/L	5- ^B	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Nitroaniline, 3-	µg/L	5- ^B	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Nitroaniline, 4-	µg/L	5- ^B	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Nitrobenzene	µg/L	0.4 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrophenol, 2-	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Nitrophenol, 4-	µg/L	n/v	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
N-Nitrosodi-n-Propylamine	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
n-Nitrosodiphenylamine	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pentachlorophenol	µg/L	1.0 ^B	20 U	20 U	20 U	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	20 U
Phenanthrene	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Phenol	µg/L	1.0 ^B	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Pyrene	µg/L	50 ^A	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Tetrachlorobenzene, 1,2,4,5-	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Trichlorophenol, 2,4,5-	µg/L	n/v	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Trichlorophenol, 2,4,6-	µg/L	n/v	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U

- Notes:
- TOGS NYSDEC TOGS 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)
 - A TOGS 1.1.1 - Table 1 - Guidance
 - B TOGS 1.1.1 - Table 1 - Standards
 - 0.03 U The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
 - 0.50 U The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
 - n/v No standard/guideline value.
 - The principal organic contaminant standard for groundwater of 5 ug/L (described elsewhere in the TOGS table) applies to this substance.
 - UJ Indicates estimated non-detect.

Table B3
Summary of Analysis Results for Groundwater and Field QA/QC Samples - PCBs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 4 - Former Press Pit	AOC 10 - Sitewide Conditions					QA/QC	
Sample Location			AMSF-MW-25	AMSF-MW-9S	AMSF-MW-28	AMSF-MW-29	AMSF-MW-30	AMSF-MW-30	Equipment Blank	Rinse Blank
Sample Date			19-Jun-13	18-Jun-13	21-Jun-13	21-Jun-13	21-Jun-13	21-Jun-13	20-Jun-13	8-Nov-12
Sample ID			AMSF-MW-25-W-06192013	AMSF-MW-9S-W-06182013	AMSF-MW-28-W-06212013	AMSF-MW-29-W-06212013	AMSF-MW-30-W-06212013	AMSF-MW-DUP-W-06212013	EQUIPMENT BLANK	RINSATE BLANK
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order			M1024	M1024	M1053	M1053	M1053	M1053	M1053	L2405
Laboratory Sample ID			M1024-10	M1024-04	M1053-07	M1053-08	M1053-09	M1053-10	M1053-05	L2405-01
Sample Type	Units	NYSDEC TOGS Water Quality Criteria						Field Duplicate	Equipment Blank	Material Rinse Blank
Polychlorinated Biphenyls										
Aroclor 1016	µg/L	0.09 ^B	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Aroclor 1221	µg/L	0.09 ^B	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Aroclor 1232	µg/L	0.09 ^B	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Aroclor 1242	µg/L	0.09 ^B	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Aroclor 1248	µg/L	0.09 ^B	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Aroclor 1254	µg/L	0.09 ^B	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Aroclor 1260	µg/L	0.09 ^B	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Aroclor 1262	µg/L	0.09 ^B	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
Aroclor 1268	µg/L	0.09 ^B	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ

- Notes:
- TOGS^B

NYSDEC TOGS 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)

TOGS 1.1.1 - Table 1 - Standards
- 0.03 U

The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
- 0.50 U

The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
- UJ

Indicates estimated non-detect.

Table B4
Summary of Analysis Results for Groundwater and Field QA/QC Samples - Metals
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			AOC 1 - Former Degreaser Area		AOC 7 - Former Plating Area				AOC 8 - Former Spray Wash Area		AOC 10 - Sitewide Conditions						
Sample Location			AMSF-MW-20	AMSF-MW-21	AMSF-MW-26	AMSF-MW-26	AMSF-MW-26	AMSF-MW-26	AMSF-MW-27	AMSF-MW-27	AMSF-MW-4	AMSF-MW-9S	AMSF-MW-28	AMSF-MW-28	AMSF-MW-29	AMSF-MW-30	AMSF-MW-30
Sample Date			19-Jun-13	19-Jun-13	20-Jun-13	26-Sep-13	26-Sep-13	26-Sep-13	18-Jun-13	26-Sep-13	27-Sep-13	18-Jun-13	21-Jun-13	21-Jun-13	21-Jun-13	21-Jun-13	21-Jun-13
Sample ID			AMSF-MW-20-W-06192013	AMSF-MW-21-W-06192013	AMSF-MW-26-W-06202013	AMSF-MW-26-W-092613	AMSF-MW-26-W-092613D	AMSF-MW-DUP-W-092613	AMSF-MW-27-W-06182013	AMSF-MW-27-W-092613	AMSF-MW-4-W-092713	AMSF-MW-9S-W-06182013	AMSF-MW-28-W-06212013	AMSF-MW-28-W-06212013D	AMSF-MW-29-W-06212013	AMSF-MW-30-W-06212013	AMSF-MW-DUP-W-06212013
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order			M1024	M1024	M1053	M1902	M1902	M1902	M1024	M1902	M1902	M1024	M1053	M1053	M1053	M1053	M1053
Laboratory Sample ID			M1024-07	M1024-06	M1053-04	M1902-07	M1902-07D	M1902-08	M1024-02	M1902-09	M1902-14	M1024-04	M1053-07	M1053-07D	M1053-08	M1053-09	M1053-10
Sample Type	Units	NYSDEC TOGS Water Quality Criteria					Lab Replicate	Field Duplicate						Lab Replicate			Field Duplicate
Metals																	
Aluminum	µg/L	n/v	-	-	8580	66.0 U	66.00 U	66.0 U	70.9 B	66.0 U	66.0 U	610	66.0 U	66.00 U	66.0 U	66.0 U	66.0 U
Antimony	µg/L	3 ^B	-	-	9.3 U	9.3 U	9.300 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.3 U	9.300 U	9.3 U	9.3 U	9.3 U
Arsenic	µg/L	25 ^B	-	-	4.3 U	4.3 U	4.300 U	4.3 U	8.0 B	4.3 U	4.3 U	4.3 U	4.3 U	5.364 B	5.8 B	4.3 U	4.3 U
Barium	µg/L	1000 ^B	-	-	-	-	-	-	-	-	-	191 B	57.2 B	57.22 B	120 B	158 B	162 B
Beryllium	µg/L	3 ^A	-	-	0.26 U	0.26 U	0.2600 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.26 U	0.2600 U	0.26 U	0.26 U	0.26 U
Cadmium	µg/L	5 ^B	-	-	2.3 B	0.89 U	0.8900 U	0.89 U	0.89 U	0.89 U	0.89 U	1.2 B	0.89 U	0.8900 U	0.89 U	0.89 U	0.89 U
Calcium	µg/L	n/v	-	-	-	-	-	-	-	-	-	177000	86600	88730	140000	215000	223000
Chromium (Total)	µg/L	50 ^B	1.6 B	2.2 B	17.5 B	0.64 U	0.6400 U	0.64 U	0.64 U	0.64 U	0.64 U	1.6 B	1.6 B	5.528 B	1.4 B	0.81 B	1.0 B
Cobalt	µg/L	n/v	-	-	-	-	-	-	-	-	-	0.67 U	0.67 U	0.6700 U	0.67 U	0.67 U	0.67 U
Copper	µg/L	200 ^B	4.0 B	3.6 U	34.1	3.9 B	3.600 U	4.0 B	5.5 B	3.6 U	3.6 U	9.9 B	3.9 B	3.600 U	4.3 B	8.9 B	3.6 U
Iron	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	1190 ^B	33.9 B	39.15 B	31.0 U	31.0 U	31.0 U
Lead	µg/L	25 ^B	4.2 U	4.2 U	82.0 ^B	4.2 U	4.200 U	4.2 U	4.2 U	4.2 U	4.2 U	7.6 B	4.2 U	4.200 U	4.2 U	4.2 U	4.2 U
Magnesium	µg/L	35000 ^A	-	-	-	-	-	-	-	-	-	53800 ^A	25100	25010	39400 ^A	64900 ^A	66800 ^A
Manganese	µg/L	300 ^B	-	-	-	-	-	-	-	-	-	156	10.0 U	10.00 U	10.0 U	18.2 B	17.7 B
Mercury	µg/L	0.7 ^B	-	-	0.090 B	0.028 U	0.0280 U	0.028 U	0.028 U	0.028 U	0.028 U	0.028 U	0.033 B	0.0362 B	0.040 B	0.039 B	0.039 B
Nickel	µg/L	100 ^B	1.3 B	0.85 U	19.6 B	2.4 B	2.839 B	3.1 B	2.6 B	2.5 B	3.6 B	4.5 B	2.6 B	5.234 B	2.6 B	2.6 B	2.7 B
Potassium	µg/L	n/v	-	-	-	-	-	-	-	-	-	3330	1400	1398	2610	3670	3770
Selenium	µg/L	10 ^B	-	-	23.9 B ^B	12.0 U	12.00 U	12.0 U	12.0 U	12.0 U	12.0 U	12.0 U	14.7 B ^B	18.89 B ^B	18.8 B ^B	24.9 B ^B	14.4 B ^B
Silver	µg/L	50 ^B	-	-	6.9 U	6.9 U	6.900 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.9 U	6.900 U	6.9 U	6.9 U	6.9 U
Sodium	µg/L	20000 ^B	-	-	-	-	-	-	-	-	-	699000 ^B	209000 ^B	207500 ^B	411000 ^B	588000 ^B	596000 ^B
Thallium	µg/L	0.5 ^A	-	-	6.2 U	6.2 U	6.200 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.2 U	6.200 U	6.2 U	6.2 U	6.2 U
Vanadium	µg/L	n/v	-	-	-	-	-	-	-	-	-	1.4 B	1.1 U	1.100 U	1.1 U	1.1 U	1.1 U
Zinc	µg/L	2000 ^A	43.3 B	7.7 B	1020	108	108.0	109	89.6	99.6	115	196	94.6	85.90	93.0	139	142

See next page for notes.

Table B4
Summary of Analysis Results for Groundwater and Field QA/QC Samples - Metals
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern			Other Areas	QA/QC		
Sample Location			AMSF-MW-31	Equipment Blank	Equipment Blank	Rinse Blank
Sample Date			25-Sep-13	8-May-13	20-Jun-13	8-Nov-12
Sample ID			AMSF-MW-31-W-092513	AMSF-EB-050813	EQUIPMENT BLANK	RINSATE BLANK
Sampling Company			STANTEC	STANTEC	STANTEC	STANTEC
Laboratory			SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order			M1902	M0716	M1053	L2405
Laboratory Sample ID			M1902-04	M0716-08	M1053-05	L2405-01
Sample Type	Units	NYSDEC TOGS Water Quality Criteria		Equipment Blank	Equipment Blank	Material Rinse Blank
Metals						
Aluminum	µg/L	n/v	66.0 U	202	66.0 U	66.0 U
Antimony	µg/L	3 ^B	9.3 U	9.3 U	9.3 U	9.3 U
Arsenic	µg/L	25 ^B	4.3 U	4.3 U	4.3 U	4.3 U
Barium	µg/L	1000 ^B	-	2.4 B	1.1 U	1.8 B
Beryllium	µg/L	3 ^A	0.26 U	0.26 U	0.26 U	0.26 U
Cadmium	µg/L	5 ^B	0.89 U	0.89 U	0.89 U	0.89 U
Calcium	µg/L	n/v	-	716 B	110 U	155 B
Chromium (Total)	µg/L	50 ^B	0.64 U	4.0 B	1.1 B	2.9 B
Cobalt	µg/L	n/v	-	0.67 U	0.67 U	0.67 U
Copper	µg/L	200 ^B	3.6 U	6.5 B	3.6 U	3.6 U
Iron	µg/L	300 ^B	-	984	31.0 U	84.4 B
Lead	µg/L	25 ^B	4.2 U	4.2 U	4.2 U	4.2 U
Magnesium	µg/L	35000 ^A	-	199 B	76.0 U	76.0 U
Manganese	µg/L	300 ^B	-	12.7 B	10.0 U	10.0 U
Mercury	µg/L	0.7 ^B	0.028 U	0.028 U	0.033 B	0.028 U
Nickel	µg/L	100 ^B	3.7 B	1.7 B	1.1 B	0.85 U
Potassium	µg/L	n/v	-	347 B	76.0 U	76.0 U
Selenium	µg/L	10 ^B	12.0 U	12.0 U	12.0 U	12.0 U
Silver	µg/L	50 ^B	6.9 U	6.9 U	6.9 U	6.9 U
Sodium	µg/L	20000 ^B	-	507 B	103 B	349 B
Thallium	µg/L	0.5 ^A	6.2 U	6.2 U	6.2 U	6.2 U
Vanadium	µg/L	n/v	-	1.1 U	1.1 U	1.1 U
Zinc	µg/L	2000 ^A	84.5	9.8 B	4.9 U	6.0 B

- Notes:
- TOGS NYSDEC TOGS 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)
 - A TOGS 1.1.1 - Table 1 - Guidance
 - B TOGS 1.1.1 - Table 1 - Standards
 - 15.2 Compound was detected at the concentration shown; the concentration did not exceed applicable standards.
 - 6.5^A Concentration detected exceeds the standard indicated by the letter code.
 - 0.03 U The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).
 - 0.50 U The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.
 - n/v No standard/guideline value.
 - Parameter not analyzed / not available.
 - The standard for Iron and Manganese is 500 ug/L, which applies to the sum of these substances. As individual standards, the standard is 300 ug/L.
 - B Indicates a trace concentration below the reporting limit.

Table B5
Summary of Analysis Results for Groundwater and Field QA/QC Samples - Pesticides
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility (#828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type		Units	NYSDEC TOGS Water Quality Criteria	AOC 10 - Sitewide Conditions					QA/QC		
				AMSF-MW-9S 18-Jun-13 AMSF-MW-9S-W- 06182013 STANTEC SPECTRUM M1024 M1024-04	AMSF-MW-28 21-Jun-13 AMSF-MW-28-W- 06212013 STANTEC SPECTRUM M1053 M1053-07	AMSF-MW-29 21-Jun-13 AMSF-MW-29-W- 06212013 STANTEC SPECTRUM M1053 M1053-08	AMSF-MW-30 21-Jun-13 AMSF-MW-30-W- 06212013 STANTEC SPECTRUM M1053 M1053-09	AMSF-MW-30 21-Jun-13 AMSF-MW-DUP-W- 06212013 STANTEC SPECTRUM M1053 M1053-10 Field Duplicate	Equipment Blank 8-May-13 AMSF-EB-050813 STANTEC SPECTRUM M0716 M0716-08 Equipment Blank	Equipment Blank 20-Jun-13 EQUIPMENT BLANK STANTEC SPECTRUM M1053 M1053-05 Equipment Blank	Rinse Blank 8-Nov-12 RINSATE BLANK STANTEC SPECTRUM L2405 L2405-01 Material Rinse Blank
Pesticides											
Aldrin	µg/L	n/v	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
BHC, alpha-	µg/L	0.01 ^B	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
BHC, beta-	µg/L	0.04 ^B	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
BHC, delta-	µg/L	0.04 ^B	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
Camphechlor (Toxaphene)	µg/L	0.06 ^B	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	
Chlordane, alpha-	µg/L	n/v	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
Chlordane, trans-	µg/L	n/v	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
DDD (p,p'-DDD)	µg/L	0.3 ^B	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 UJ	
DDE (p,p'-DDE)	µg/L	0.2 ^B	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 UJ	
DDT (p,p'-DDT)	µg/L	0.2 ^B	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 UJ	
Dieldrin	µg/L	0.004 ^B	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 UJ	
Endosulfan I	µg/L	n/v	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
Endosulfan II	µg/L	n/v	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 UJ	
Endosulfan Sulfate	µg/L	n/v	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 UJ	
Endrin	µg/L	n/v	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 UJ	
Endrin Aldehyde	µg/L	5.. ^B	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 UJ	
Endrin Ketone	µg/L	5.. ^B	0.10 U	0.10 U	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 U	0.10 UJ	
Heptachlor	µg/L	0.04 ^{AB}	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
Heptachlor Epoxide	µg/L	0.03 ^B	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
Lindane (Hexachlorocyclohexane, gamma)	µg/L	0.05 ^B	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 UJ	0.050 U	0.050 UJ	
Methoxychlor (4,4'-Methoxychlor)	µg/L	35 ^B	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U	0.50 UJ	

Notes:

TOGS NYSDEC TOGS 1.1.1 (Reissued June 1998 with errata in January 1999 and addenda in April 2000 and June 2004)

^A TOGS 1.1.1 - Table 1 - Guidance

^B TOGS 1.1.1 - Table 1 - Standards

0.03 U The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).

0.50 U The analyte was not detected above the reportable detection limit shown; detection limit exceeded an applicable standard.

n/v No standard/guideline value.

UJ Indicates estimated non-detect.

Table C1
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Description Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas (portion of building south and east of OU1)																		
		AM-SVIA1		AM-SVIA10		AM-SVIA11		AM-SVIA12		AM-SVIA13		AM-SVIA14		AM-SVIA15		AM-SVIA16				
		4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13		
		AM-SVIA1-IA	AM-SVIA1-SSV	AM-SVIA10-IA	AM-SVIA10-SSV	AM-SVIA11-IA	AM-SVIA11-SSV	AM-SVIA12-IA	AM-SVIA12-SSV	AM-SVIA13-IA	AM-SVIA13-SSV	AM-SVIA14-IA	AM-SVIA14-SSV	AM-SVIA14-SSVDUP1	AM-SVIA15-IA	AM-SVIA15-SSV	AM-SVIA16-IA	AM-SVIA16-SSV	AM-SVIA16-SSVDUP1	
		Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor	
		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	SPECTRUM	STANTEC	STANTEC	STANTEC	STANTEC	SPECTRUM	
		SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	
		M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0501
		M0500-18	M0501-09	M0500-14	M0501-12	M0500-13	M0501-15	M0500-04	M0501-01	M0500-03	M0501-04	M0500-11	M0501-03	M0501-03DUP1 Lab Replicate	M0500-17	M0501-06	M0500-05	M0501-02	M0501-02DUP1 Lab Replicate	
		Volatile Organic Compounds																		
Acetone	µg/m3	12.69 SA	47.76	42.30	13.92	33.27	14.23	81.74	37.55	32.79	28.99	49.43	1318.83	1306.95	138.06	129.03	136.87 J	112.16	115.96	
Acrylonitrile	µg/m3	0.14 U SA	8.30 U	0.83 U	0.83 U	0.83 U	1.89	0.83 U	0.83 U	0.83 U	4.16 U	0.83 U	214.17 U	214.17 U	0.83 U	8.30 U	0.83 UJ	16.60 U	16.60 U	
Allyl chloride (3-Chloropropene)	µg/m3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzene	µg/m3	0.48 SA	5.14 U	0.51 U	1.40 J*	0.67 J*	0.73 J*	2.11	11.71	2.39	4.15 J*	2.27	132.39 U	132.39 U	3.06	22.33	3.60 J	10.27 U	10.27 U	
Benzyl Chloride	µg/m3	0.32 U SA	9.17 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	0.92 U	4.59 U	0.92 U	236.54 U	236.54 U	0.92 U	9.17 U	0.92 UJ	18.35 U	18.35 U	
Bromodichloromethane	µg/m3	0.36 U SA	14.14 U	1.41 U	1.41 U	1.41 U	1.41 U	1.41 U	1.41 U	1.41 U	7.10 U	1.41 U	364.45 U	364.45 U	1.41 U	14.14 U	1.41 UJ	28.27 U	28.27 U	
Bromoform (Tribromomethane)	µg/m3	0.48 U SA	22.94 U	2.29 U	2.29 U	2.29 U	2.29 U	2.29 U	2.29 U	2.29 U	11.47 U	2.29 U	592.22 U	592.22 U	2.29 U	22.94 U	2.29 UJ	45.89 U	45.89 U	
Bromomethane (Methyl bromide)	µg/m3	0.20 U SA	11.57 U	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	1.16 U	5.78 U	1.16 U	298.48 U	298.48 U	1.16 U	11.57 U	1.16 UJ	23.13 U	23.13 U	
Butadiene, 1,3-	µg/m3	0.12 U SA	8.33 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	0.83 U	4.15 U	0.83 U	214.90 U	214.90 U	0.83 U	8.33 U	0.83 UJ	16.65 U	16.65 U	
Butylbenzene, n-	µg/m3	0.31 U SA	13.39 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	6.70 U	1.34 U	345.79 U	345.79 U	1.34 U	13.39 U	1.34 UJ	26.79 U	26.79 U	
Butylbenzene, sec- (2-Phenylbutane)	µg/m3	0.29 U SA	13.34 U	1.33 U	1.33 U	1.33 U	1.33 U	1.33 U	1.33 U	1.33 U	6.70 U	1.33 U	344.14 U	344.14 U	1.33 U	13.34 U	1.33 UJ	26.68 U	26.68 U	
Carbon Disulfide	µg/m3	0.18 U SA	11.58 U	1.16 U	12.67	1.16 U	5.66	1.16 U	67.85	1.16 U	18.67	1.16 U	298.80 U	298.80 U	1.16 U	52.6	1.16 UJ	32.99	32.99	
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	0.27 U SA	13.08 U	0.31 J* SA	1.31 U	0.38 J* SA	1.31 U	0.38 J* SA	1.31 U	0.50 J* SA	6.54 U	0.27 U SA	337.79 U	337.79 U	0.38 J* SA	13.08 U	0.38 J SA	26.17 U	26.17 U	
Chlorobenzene (Monochlorobenzene)	µg/m3	0.28 U SA	13.36 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	1.34 U	6.68 U	1.34 U	344.48 U	344.48 U	1.34 U	13.36 U	1.34 UJ	26.71 U	26.71 U	
Chloroethane (Ethyl Chloride)	µg/m3	0.20 U SA	32.98	1.18 U	1.18 U	1.18 U	1.18 U	1.18 U	1.18 U	1.18 U	45.11	1.18 U	306.01 U	306.01 U	1.18 U	11.82 U	1.18 UJ	23.64 U	23.64 U	
Chloroform (Trichloromethane)	µg/m3	0.22 U SA	24.34	1.38 U	1.46 J*	1.38 U	1.38 U	1.38 U	8.71	1.38 U	27.5	1.38 U	356.76 U	356.76 U	1.38 U	33.58	1.38 UJ	27.64 U	27.64 U	
Chloromethane	µg/m3	0.19 U SA	7.75 U	2.02	0.77 U	1.22	0.77 U	1.34	0.77 U	1.55	3.88 U	1.14	199.93 U	199.93 U	1.38	7.75 U	1.43 J	15.49 U	15.49 U	
Cyclohexane	µg/m3	0.28 U SA	6.02 U	0.60 U	0.83 J*	0.60 U	0.60 U	0.60 U	15.11	0.86 J*	7.57 J*	0.65 J*	155.58 U	155.58 U	0.60 U	29.95	0.83 J	12.05 U	12.05 U	
Dibromochloromethane	µg/m3	0.50 U SA	15.68 U	1.57 U	1.57 U	1.57 U	1.57 U	1.57 U	1.57 U	1.57 U	7.84 U	1.57 U	404.67 U	404.67 U	1.57 U	15.68 U	1.57 UJ	31.35 U	31.35 U	
Dichlorobenzene, 1,2-	µg/m3	0.32 U SA	13.95 U	1.39 U	1.39 U	1.39 U	1.39 U	1.39 U	1.39 U	1.39 U	6.97 U	1.39 U	360.13 U	360.13 U	1.39 U	13.95 U	1.39 UJ	27.90 U	27.90 U	
Dichlorobenzene, 1,3-	µg/m3	0.33 U SA	16.41 U	1.64 U	1.64 U	1.64 U	1.64 U	1.64 U	1.64 U	1.64 U	8.18 U	1.64 U	423.26 U	423.26 U	1.64 U	16.41 U	1.64 UJ	32.83 U	32.83 U	
Dichlorobenzene, 1,4-	µg/m3	0.37 U SA	12.93 U	1.29 U	1.29 U	1.29 U	1.29 U	1.29 UJ	1.29 U	1.29 UJ	6.49 U	1.29 U	333.68 U	333.68 U	1.29 U	12.93 U	1.29 UJ	25.85 U	25.85 U	
Dichlorodifluoromethane (Freon 12)	µg/m3	2.37 SA	16.32 U	15.67	25.27	17.6	18.39	3.56	3.12	5.09	10.63 J*	8.16	420.80 U	420.80 U	3.36	16.32 U	3.56 J	32.64 U	32.64 U	
Dichloroethane, 1,1-	µg/m3	0.20 U SA	2052.88	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	0.81 U	1320.00	9.76	67214.72	71263.8	0.81 U	14.98 J*	0.81 UJ	16.20 U	16.20 U	
Dichloroethane, 1,2-	µg/m3	0.19 U SA	10.28 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	1.03 U	5.14 U	1.03 U	265.21 U	265.21 U	1.03 U	10.28 U	1.03 UJ	20.57 U	20.57 U	
Dichloroethene, 1,1-	µg/m3	0.29 U SA	900.57	1.48 U	1.48 U	1.48 U	1.48 U	1.48 U	58.72	1.48 U	176.15	1.90 J*	10076.89	11108.38	1.48 U	70.22	1.48 UJ	29.60 U	29.60 U	
Dichloroethene, cis-1,2-	µg/m3	0.19 U SA	43.62	0.65 U	0.65 U	0.65 U	0.65 U	0.65 U	1.86 J*	0.65 U	503.58	1.43 J*	166.94 U	166.94 U	0.65 U	6.46 U	0.65 UJ	12.93 U	12.93 U	
Dichloroethene, trans-1,2-	µg/m3	0.17 U SA	8.45 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	0.84 U	9.91	0.84 U	218.09 U	218.09 U	0.84 U	8.45 U	0.84 UJ	16.89 U	16.89 U	
Dichloropropane, 1,2-	µg/m3	0.23 U SA	9.06 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	0.91 U	4.53 U	0.91 U	233.86 U	233.86 U	0.91 U	9.06 U	0.91 UJ	18.12 U	18.12 U	
Dichloropropene, cis-1,3-	µg/m3	0.21 U SA	7.72 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	0.77 U	3.86 U	0.77 U	199.30 U	199.30 U	0.77 U	7.72 U	0.77 UJ	15.44 U	15.44 U	
Dichloropropene, trans-1,3-	µg/m3	0.21 U SA	6.76 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	0.68 U	3.38 U	0.68 U	174.33 U	174.33 U	0.68 U	6.76 U	0.68 UJ	13.53 U	13.53 U	
Dichlorotetrafluoroethane, 1,2- (Freon 114)	µg/m3	0.40 UJ SA	25.51 U	2.55 UJ	2.55 U	2.55 UJ	2.55 U	2.55 UJ	2.55 U	2.55 UJ	12.72 U	2.55 UJ	658.44 U	658.44 U	2.55 UJ	25.51 U	2.55 UJ	51.03 U	51.03 U	
Dioxane, 1,4-	µg/m3	0.24 U SA	9.54 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	0.95 U	4.75 U	0.95 U	246.18 U	246.18 U	0.95 U	9.54 U	0.95 UJ	19.08 U	19.08 U	
Ethanol	µg/m3	16.18 SA	7.62 U	87.11	10.28	62.6	19.04	32.24	9.39	46.57	23.38	44.69	196.09 U	196.09 U	68.44	28.28	89.75 J	15.23 U	15.23 U	
Ethyl Acetate	µg/m3	13.37 SA	9.91 U	37.5 U	12.00	5.3	13.91	12.43	15.71	11.03	46.12	15.31	255.83 U	255.83 U	16.65	18.02	7.57 J	19.82 U	19.82 U	
Ethylbenzene	µg/m3																			

Table C1
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern		AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas (portion of building south and east of OU1)																	
Sample Location		AM-SVIA1		AM-SVIA10		AM-SVIA11		AM-SVIA12		AM-SVIA13		AM-SVIA14		AM-SVIA15		AM-SVIA16			
Sample Date		4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	
Sample ID		AM-SVIA1-IA	AM-SVIA1-SSV	AM-SVIA10-IA	AM-SVIA10-SSV	AM-SVIA11-IA	AM-SVIA11-SSV	AM-SVIA12-IA	AM-SVIA12-SSV	AM-SVIA13-IA	AM-SVIA13-SSV	AM-SVIA14-IA	AM-SVIA14-SSV	AM-SVIA14-SSVDUP1	AM-SVIA15-IA	AM-SVIA15-SSV	AM-SVIA16-IA	AM-SVIA16-SSV	AM-SVIA16-SSVDUP1
Sample Description		Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor
Sampling Company		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC		STANTEC	STANTEC	STANTEC	STANTEC	
Laboratory		SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
Laboratory Work Order		M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0501	M0500	M0501	M0500	M0501	M0501
Laboratory Sample ID		M0500-18	M0501-09	M0500-14	M0501-12	M0500-13	M0501-15	M0500-04	M0501-01	M0500-03	M0501-04	M0500-11	M0501-03	M0501-03DUP1 Lab Replicate	M0500-17	M0501-06	M0500-05	M0501-02	M0501-02DUP1 Lab Replicate
Sample Type	Units																		
Volatile Organic Compounds (cont'd)																			
Naphthalene	µg/m3	0.96 UJ SA	9.06 U	0.91 UJ	1.62 J*	0.91 UJ	0.91 U	0.91 UJ	0.91 U	1.52 J	4.53 U	0.91 UJ	233.49 U	233.49 U	0.91 UJ	9.06 U	1.41 J	18.11 U	18.11 U
n-Heptane	µg/m3	0.25 U SA	7.50 U	0.75 U	3.98	1.23 J*	3.89	3.2	61.06	1.64 J*	12.29	1.84 J*	193.43 U	193.43 U	2.83	75.41	3.36 J	26.23 J*	25.41 J*
Propene	µg/m3	0.14 U SA	3.67 U	0.37 U	0.37 U	0.37 U	0.37 U	0.37 U	56.11	4.99	1.82 U	0.37 U	94.66 U	94.66 U	0.37 U	3.67 U	0.37 UJ	7.33 U	7.33 U
Styrene	µg/m3	0.23 U SA	10.51 U	1.05 U	1.05 U	1.05 U	1.05 U	1.05 U	2.47 NJ	1.05 U	5.27 U	1.05 U	270.95 U	270.95 U	1.05 U	10.51 U	1.05 UJ	21.01 U	21.01 U
Tetrachloroethane, 1,1,1,2-	µg/m3	0.32 U SA	15.60 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	1.56 U	7.83 U	1.56 U	402.65 U	402.65 U	1.56 U	15.60 U	1.56 UJ	31.20 U	31.20 U
Tetrachloroethane, 1,1,2,2-	µg/m3	0.45 U SA	18.75 U	1.87 U	1.87 U	1.87 U	1.87 U	1.87 U	1.87 U	1.87 U	9.34 U	1.87 U	483.44 U	483.44 U	1.87 U	18.75 U	1.87 UJ	37.49 U	37.49 U
Tetrachloroethene (PCE)	µg/m3	0.41 U SA	26.45 J*	1.36 U	520.8	1.36 U	94.94	1.97 J*	227.85	1.36 U	1132.46	1.36 U	402.12 J*	385.17 J*	7.05	4082.27	10.10 J	5825.04	5987.79
Tetrahydrofuran	µg/m3	0.16 U SA	6.49 U	0.65 U	0.65 U	0.65 U	1.30 J*	0.65 U	0.65 U	4.69	3.24 U	11.32	167.50 U	167.50 U	0.65 U	6.49 U	0.71 J	12.98 U	12.98 U
Toluene	µg/m3	1.84 SA	7.11 U	0.90 J*	24.76	7.71	17.91	21.52	48.16	9.63	25.4	7.98	534.31	474.11 J*	12.94	58.32	14.19 J	33.87 J*	33.87 J*
Trichlorobenzene, 1,2,3-	µg/m3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/m3	0.39 UJ SA	13.66 U	1.37 UJ	1.37 U	1.37 UJ	1.37 U	1.37 UJ	1.37 U	1.37 UJ	6.83 U	1.37 UJ	352.61 U	352.61 U	1.37 UJ	13.66 U	1.37 UJ	27.32 U	27.32 U
Trichloroethane, 1,1,1-	µg/m3	0.93 SA	1265.8	1.07 U	169.68	1.07 U	28.10	1.07 U	18.77	1.07 U	583.8	7.47	42447.93	43593.70	1.86 J*	1434.94	1.80 J	277.17	280.44
Trichloroethane, 1,1,2-	µg/m3	0.36 U SA	14.29 U	1.43 U	1.43 U	1.43 U	1.43 U	1.43 U	1.43 U	1.43 U	7.15 U	1.43 U	368.83 U	368.83 U	1.43 U	14.29 U	1.43 UJ	28.59 U	28.59 U
Trichloroethene (TCE)	µg/m3	0.28 U SA	9.57 U	0.28 U SA	4.03	0.28 U SA	1.56 J*	0.28 U SA	2.53 J*	0.28 U SA	112.86	0.28 U SA	246.68 U	246.68 U	0.28 U SA	106.41	0.28 UJ SA	19.13 U	19.13 U
Trichlorofluoromethane (Freon 11)	µg/m3	1.52 SA	25.12 U	55.24	8.26	60.69	48.67	3.03	6.24	2.51 U	12.59 U	2.51 U	646.26 U	646.26 U	7.64	25.12 U	8.04 J	50.24 U	50.24 U
Trichlorotrifluoroethane (Freon 113)	µg/m3	0.54 U SA	28.28 U	2.83 U	2.83 U	2.83 U	2.83 U	2.83 U	2.83 U	2.83 U	14.10 U	2.83 U	729.67 U	729.67 U	2.83 U	28.28 U	2.83 UJ	56.56 U	56.56 U
Trimethylbenzene, 1,2,4-	µg/m3	0.19 U SA	8.21 U	0.82 U	11.8	0.82 U	3.64	0.82 U	5.31	4.67	4.10 U	3.15	211.89 U	211.89 U	0.82 U	8.21 U	1.43 J	16.42 U	16.42 U
Trimethylbenzene, 1,3,5-	µg/m3	0.23 U SA	14.36 U	1.44 U	3.54	1.44 U	1.72 J*	1.44 U	2.46 NJ	1.44 U	7.18 U	1.44 U	370.19 U	370.19 U	1.44 U	14.36 U	1.44 UJ	28.71 U	28.71 U
Vinyl Bromide (Bromoethene)	µg/m3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/m3	0.16 U SA	10.07 U	0.16 U SA	1.01 U	0.16 U SA	1.01 U	0.16 U SA	1.12 J*	0.16 U SA	50.1	0.16 U SA	260.74 U	260.74 U	0.16 U SA	10.07 U	0.16 UJ SA	20.14 U	20.14 U
Xylene, m & p-	µg/m3	0.48 J* SA	21.42 U	2.14 U	69.8	2.56 J*	58.09	12.44	74.57	10.4	45.96	10.27	550.59 U	550.59 U	18.9	47.69	18.25 J	46.82 J*	47.69 J*
Xylene, o-	µg/m3	0.26 U SA	13.22 U	1.32 U	27.05	1.32 U	19.55	3.25	24.97	4.25	14.31	3.73	341.19 U	341.19 U	6.76	15.61 J*	7.11 J	26.45 U	26.45 U

See last page for notes.

Table C1
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Description Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas (portion of building south and east of OU1)																	
		AM-SVIA2				AM-SVIA3		AM-SVIA4				AM-SVIA5		AM-SVIA6		AM-SVIA7		AM-SVIA8	
		4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13
		AM-SVIA2-IA	AM-SVIA2-SSV	AM-SVIA2-SSVDUP1	AM-SVIA3-IA	AM-SVIA3-SSV	AM-SVIA4-IA	AM-SVIA4-SSV	AM-SVIADUP-IA	AM-SVIADUP-SSV	AM-SVIA5-IA	AM-SVIA5-SSV	AM-SVIA6-IA	AM-SVIA6-SSV	AM-SVIA7-IA	AM-SVIA7-SSV	AM-SVIA8-IA	AM-SVIA8-SSV	
		Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	
		STANTEC SPECTRUM	STANTEC SPECTRUM	SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	STANTEC SPECTRUM	
		M0500	M0501	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	
		M0500-16	M0501-07	M0501-07DUP1 Lab Replicate	M0500-10	M0501-08	M0500-07	M0501-10	M0500-09	M0501-13	M0500-01	M0501-14	M0500-02	M0501-11	M0500-08	M0501-05	M0500-06	M0501-17	
		Volatile Organic Compounds																	
		Acetone	µg/m3	25.43	28.52	28.04	22.74 SA	14.57	233.11 D*	1813.10 J	156.83	1863.00	434.86	1877.26	373.08	477.63 J	139.01	2328.75 J	134.73
Acrylonitrile	µg/m3	0.83 U	8.30 U	8.30 U	0.14 U SA	0.83 U	0.83 U	46.82 UJ	0.83 U	104.70 U	1.66 U	57.66 U	1.66 U	106.22 UJ	0.83 U	247.12 UJ	0.83 U	0.83 U	
Allyl chloride (3-Chloropropene)	µg/m3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Benzene	µg/m3	0.96 J*	5.14 U	5.14 U	0.61 SA	0.51 U	5.17	29.03 UJ	0.51 U	64.76 U	6.19	35.73 U	6.19	65.72 UJ	2.42	153.13 UJ	2.78	16.4	
Benzyl Chloride	µg/m3	0.92 U	9.17 U	9.17 U	0.32 U SA	0.92 U	0.92 U	52.05 UJ	0.92 U	115.44 U	1.83 U	63.90 U	1.83 U	117.50 UJ	0.92 U	273.13 UJ	0.92 U	0.92 U	
Bromodichloromethane	µg/m3	1.41 U	14.14 U	14.14 U	0.36 U SA	1.41 U	1.41 U	79.72 UJ	1.41 U	178.20 U	2.83 U	98.48 U	2.83 U	180.88 UJ	1.41 U	421.39 UJ	1.41 U	1.41 U	
Bromoform (Tribromomethane)	µg/m3	2.29 U	22.94 U	22.94 U	0.48 U SA	2.29 U	2.29 U	129.19 UJ	2.29 U	289.39 U	4.59 U	159.16 U	4.59 U	293.52 UJ	2.29 U	684.20 UJ	2.29 U	2.29 U	
Bromomethane (Methyl bromide)	µg/m3	1.16 U	11.57 U	11.57 U	0.20 U SA	1.16 U	1.16 U	65.21 UJ	1.16 U	145.55 U	2.31 U	80.34 U	2.31 U	147.88 UJ	1.16 U	344.67 UJ	1.16 U	1.16 U	
Butadiene, 1,3-	µg/m3	0.83 U	8.33 U	8.33 U	0.12 U SA	0.83 U	0.83 U	47.04 UJ	0.83 U	104.91 U	1.67 U	57.87 U	1.67 U	106.67 UJ	0.83 U	247.36 UJ	0.83 U	0.83 U	
Butylbenzene, n-	µg/m3	1.34 U	13.39 U	13.39 U	0.31 U SA	1.34 U	1.34 U	75.74 UJ	1.34 U	168.50 U	2.68 U	93.31 U	2.68 U	171.25 UJ	1.34 U	399.03 UJ	1.34 U	1.34 U	
Butylbenzene, sec- (2-Phenylbutane)	µg/m3	1.33 U	13.34 U	13.34 U	0.29 U SA	1.33 U	1.33 U	75.20 UJ	1.33 U	167.96 U	2.67 U	92.76 U	2.67 U	170.70 UJ	1.33 U	397.39 UJ	1.33 U	1.33 U	
Carbon Disulfide	µg/m3	1.16 U	11.58 U	11.58 U	0.18 U SA	3.36	1.16 U	392.17 J	1.16 U	410.85	2.32 U	426.41	2.32 U	148.15 UJ	1.16 U	426.41 J	1.16 U	35.48	
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	0.38 J* SA	13.08 U	13.08 U	0.31 J* SA	1.31 U	1.31 U	74.23 UJ	0.27 U SA	164.81 U	0.31 J* SA	91.21 U	0.38 J* SA	167.32 UJ	0.44 J* SA	390.00 UJ	0.31 J* SA	1.31 U	
Chlorobenzene (Monochlorobenzene)	µg/m3	1.34 U	13.36 U	13.36 U	0.28 U SA	1.34 U	1.34 U	75.53 UJ	1.34 U	168.09 U	2.67 U	93.03 U	2.67 U	170.86 UJ	1.34 U	397.90 UJ	1.34 U	1.34 U	
Chloroethane (Ethyl Chloride)	µg/m3	1.18 U	11.82 U	11.82 U	0.20 U SA	1.18 U	1.18 U	66.74 UJ	1.18 U	148.79 U	2.36 U	82.04 U	2.36 U	151.16 UJ	1.18 U	353.50 UJ	1.18 U	95.76	
Chloroform (Trichloromethane)	µg/m3	1.38 U	13.82 U	13.82 U	0.22 U SA	1.38 U	1.38 U	77.87 UJ	1.38 U	174.24 U	2.76 U	95.88 U	2.76 U	177.16 UJ	1.38 U	411.75 UJ	1.38 U	33.68	
Chloromethane	µg/m3	1.51	7.75 U	7.75 U	0.19 U SA	0.77 U	1.55	43.79 UJ	1.69	97.49 U	1.69 J*	53.91 U	1.55 U	99.14 UJ	1.47	231.33 UJ	1.51	0.77 U	
Cyclohexane	µg/m3	0.60 U	6.02 U	6.02 U	0.28 U SA	1.24 J*	1.79	34.04 UJ	0.60 U	75.73 U	1.31 J*	41.99 U	1.20 U	77.10 UJ	0.76 J*	179.68 UJ	0.60 U	12.36	
Dibromochloromethane	µg/m3	1.57 U	15.68 U	15.68 U	0.50 U SA	1.57 U	1.57 U	88.60 UJ	1.57 U	197.65 U	3.14 U	109.05 U	3.14 U	201.06 UJ	1.57 U	466.86 UJ	1.57 U	1.57 U	
Dichlorobenzene, 1,2-	µg/m3	1.39 U	13.95 U	13.95 U	0.32 U SA	1.39 U	1.39 U	78.76 UJ	1.39 U	175.56 U	2.79 U	96.80 U	2.79 U	178.56 UJ	1.39 U	415.45 UJ	1.39 U	1.39 U	
Dichlorobenzene, 1,3-	µg/m3	1.64 U	16.41 U	16.41 U	0.33 U SA	1.64 U	1.64 U	92.59 UJ	1.64 U	206.82 U	3.28 U	114.23 U	3.28 U	209.83 UJ	1.64 U	489.40 UJ	1.64 U	1.64 U	
Dichlorobenzene, 1,4-	µg/m3	1.29 U	12.93 U	12.93 U	0.37 U SA	1.29 U	1.29 U	72.75 UJ	1.29 U	162.93 U	2.59 UJ	89.58 U	2.59 UJ	165.34 UJ	1.29 UJ	385.39 UJ	1.29 UJ	1.29 U	
Dichlorodifluoromethane (Freon 12)	µg/m3	3.16	16.32 U	16.32 U	2.67 SA	2.82	4.2	91.97 UJ	4.2	205.70 U	3.76 J*	113.24 U	3.56 J*	208.67 UJ	3.61	486.07 UJ	3.71	8.11	
Dichloroethane, 1,1-	µg/m3	0.81 U	35.63	36.85	0.20 U SA	0.81 U	0.81 U	109.73 J	0.81 U	142.93 J*	1.62 U	227.96	4.13	103.66 UJ	0.81 U	241.33 UJ	0.81 U	395.6	
Dichloroethane, 1,2-	µg/m3	1.03 U	10.28 U	10.28 U	0.19 U SA	1.03 U	1.03 U	58.31 UJ	1.03 U	129.57 U	2.06 U	71.67 U	2.06 U	131.60 UJ	1.03 U	306.52 UJ	1.03 U	1.03 U	
Dichloroethene, 1,1-	µg/m3	1.48 U	179.72	175.35	0.29 U SA	1.48 U	1.48 U	575.26 J	1.48 U	714.11	2.96 U	896.61	2.96 U	218.20 J	1.48 U	1582.94 J	1.48 U	185.67	
Dichloroethene, cis-1,2-	µg/m3	0.65 U	6.46 U	6.46 U	0.19 U SA	0.65 U	8.64	36.52 UJ	0.65 U	81.29 U	1.29 U	55.12 J*	1.29 U	82.87 UJ	0.65 U	192.71 UJ	0.65 U	2323.63 D*	
Dichloroethene, trans-1,2-	µg/m3	0.84 U	8.45 U	8.45 U	0.17 U SA	0.84 U	0.84 U	47.58 UJ	0.84 U	106.27 U	1.69 U	58.69 U	1.69 U	108.25 UJ	0.84 U	251.79 UJ	0.84 U	323.56	
Dichloropropane, 1,2-	µg/m3	0.91 U	9.06 U	9.06 U	0.23 U SA	0.91 U	0.91 U	51.30 UJ	0.91 U	114.16 U	1.81 U	62.85 U	1.81 U	116.00 UJ	0.91 U	269.91 UJ	0.91 U	0.91 U	
Dichloropropene, cis-1,3-	µg/m3	0.77 U	7.72 U	7.72 U	0.21 U SA	0.77 U	0.77 U	43.58 UJ	0.77 U	97.15 U	1.54 U	53.57 U	1.54 U	98.97 UJ	0.77 U	230.17 UJ	0.77 U	0.77 U	
Dichloropropene, trans-1,3-	µg/m3	0.68 U	6.76 U	6.76 U	0.21 U SA	0.68 U	0.68 U	38.23 UJ	0.68 U	85.35 U	1.35 U	47.21 U	1.35 U	86.71 UJ	0.68 U	201.57 UJ	0.68 U	0.68 U	
Dichlorotetrafluoroethane, 1,2- (Freon 114)	µg/m3	2.55 UJ	25.51 U	25.51 U	0.40 UJ SA	2.55 U	2.55 U	143.99 U	2.55 UJ	321.53 U	5.10 UJ	177.54 U	5.10 UJ	326.42 U	2.55 UJ	761.89 UJ	2.55 UJ	2.55 U	
Dioxane, 1,4-	µg/m3	0.95 U	9.54 U	9.54 U	0.24 U SA	0.95 U	0.95 U	53.99 UJ	0.95 U	120.21 U	1.91 U	66.22 U	1.91 U	122.01 UJ	0.95 U	284.34 UJ	0.95 U	0.95 U	
Ethanol	µg/m3	19.23	7.62 U	7.62 U	15.57 SA	11.03	130.1	610.90 J	101.06	846.58	114.45	788.13	110.68	97.48 UJ	89.37	226.26 UJ	79.00	20.93	
Ethyl Acetate	µg/m3	9.55	9.91 U	9.91 U	12.61 U SA	40.00	10.95	276.73 J	0.99 U	295.11	1.98 U	310.6	11.6	126.84 UJ	15.31	295.47 UJ	13.26	0.99 U	
Ethylbenzene	µg/m3	1.43 J*	10.84 J*	9.97 J*	0.29 U SA	7.28	14.57	63.73 J	0.85 U	106.65 U	2.77 J*	69.37 J*	2.77 J*	108.38 UJ	0.85 U	251.89 UJ	0.85 U	11.36	
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/m3	2.34 U	23.44 U	23.44 U	0.33 U SA	2.34 U	2.34 U	132.18 UJ	2.34 U	295.11 U	4.69 U	162.92 U	4.69 U	299.72 UJ	2.34 U	698.57 UJ	2.34 U	2.34 U	
Ethyltoluene, 4-	µg/m3	1.17 U	11.65 U	11.65 U	0.27 U SA	1.17 U	1.17 U	65.88 UJ	1.17 U	146.99 U	2.33 U	81.12 U	2.33 U	148.96 UJ	1.17 U	347.08 UJ	1.17 U	2.26 J*	
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/m3	2.50 U	24.95 U	24.95 U	0.43 U SA	2.50 U	2.50 U	140.75 UJ	2.50 U	314.55 U	4.99 U	173.80 U	4.99 U	319.88 UJ	2.50 U	743			

See last page for notes.

Table C1
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Description Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas (portion of building south and east of OU1)																
		AM-SVIA2			AM-SVIA3		AM-SVIA4				AM-SVIA5		AM-SVIA6		AM-SVIA7		AM-SVIA8	
		4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	
		AM-SVIA2-IA	AM-SVIA2-SSV	AM-SVIA2-SSVDUP1	AM-SVIA3-IA	AM-SVIA3-SSV	AM-SVIA4-IA	AM-SVIA4-SSV	AM-SVIADUP-IA	AM-SVIADUP-SSV	AM-SVIA5-IA	AM-SVIA5-SSV	AM-SVIA6-IA	AM-SVIA6-SSV	AM-SVIA7-IA	AM-SVIA7-SSV	AM-SVIA8-IA	AM-SVIA8-SSV
		Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor
		STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC	STANTEC
		SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM
		M0500	M0501	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501	M0500	M0501
		M0500-16	M0501-07	M0501-07DUP1	M0500-10	M0501-08	M0500-07	M0501-10	M0500-09	M0501-13	M0500-01	M0501-14	M0500-02	M0501-11	M0500-08	M0501-05	M0500-06	M0501-17
		Volatile Organic Compounds (cont'd)																
Naphthalene	µg/m3	0.91 UJ	9.06 U	9.06 U	0.96 UJ SA	0.91 U	0.91 U	51.15 U	0.91 UJ	114.13 U	2.51 J	62.82 U	3.25 J	115.70 U	0.91 UJ	270.13 UJ	0.91 UJ	0.91 U
n-Heptane	µg/m3	0.75 U	7.50 U	7.50 U	0.25 U SA	4.02	8.07	42.21 UJ	0.75 U	94.67 U	12.79	52.05 U	17.87	95.90 UJ	0.75 U	223.35 UJ	1.48 J*	6.15
Propene	µg/m3	0.37 U	3.67 U	3.67 U	0.14 U SA	0.37 U	0.37 U	20.65 UJ	0.37 U	46.12 U	0.73 U	25.47 U	0.73 U	46.99 UJ	0.37 U	109.29 UJ	0.37 U	0.37 U
Styrene	µg/m3	1.05 U	10.51 U	10.51 U	0.23 U SA	1.05 U	1.05 U	59.55 UJ	1.05 U	132.29 U	2.10 U	73.16 U	2.10 U	134.41 UJ	1.05 U	313.06 UJ	1.05 U	1.05 U
Tetrachloroethane, 1,1,1,2-	µg/m3	1.56 U	15.60 U	15.60 U	0.32 U SA	1.56 U	1.56 U	87.95 UJ	1.56 U	196.52 U	3.12 U	108.56 U	3.12 U	199.95 UJ	1.56 U	464.49 UJ	1.56 U	1.56 U
Tetrachloroethane, 1,1,2,2-	µg/m3	1.87 U	18.75 U	18.75 U	0.45 U SA	1.87 U	1.87 U	105.75 UJ	1.87 U	236.23 U	3.75 U	130.47 U	3.75 U	239.66 UJ	1.87 U	558.98 UJ	1.87 U	1.87 U
Tetrachloroethene (PCE)	µg/m3	1.36 U	232.59	250.23	0.41 U SA	3.19 J*	12.07	24412.27 J	3.12 J*	44823.64 J	15.05	37567.77	18.17	147829.86 J	2.58 J*	116636.40 J	4.88	9764.91 D*
Tetrahydrofuran	µg/m3	0.65 U	6.49 U	6.49 U	0.16 U SA	0.65 U	52.78	88.17 J	0.65 U	81.68 U	1.30 U	45.12 U	1.30 U	83.16 UJ	0.65 U	193.45 UJ	0.65 U	0.65 U
Toluene	µg/m3	3.54	10.16 J*	10.16 J*	2.33 SA	7.26	23.74	888.02 J	0.71 U	888.02	13.4	835.34	15.88	130.19 J	1.32 J*	741.27 J	5.19	25.21
Trichlorobenzene, 1,2,3-	µg/m3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Trichlorobenzene, 1,2,4-	µg/m3	1.37 UJ	13.66 U	13.66 U	0.39 UJ SA	1.37 U	1.37 U	77.20 U	1.37 UJ	172.22 U	2.73 UJ	95.02 U	2.73 UJ	175.19 U	1.37 UJ	406.80 UJ	1.37 UJ	1.37 U
Trichloroethane, 1,1,1-	µg/m3	2.13 J*	2766.21	2908.07	1.09 SA	3.38	1.69 J*	2002.36 J	1.07 U	2449.76	2.14 U	1298.54	2.95 J*	5390.56 J	1.25 J*	2733.47 J	1.58 J*	434.85
Trichloroethane, 1,1,2-	µg/m3	1.43 U	14.29 U	14.29 U	0.36 U SA	1.43 U	1.43 U	80.75 UJ	1.43 U	180.05 U	2.86 U	99.30 U	2.86 U	182.78 UJ	1.43 U	426.12 UJ	1.43 U	1.43 U
Trichloroethene (TCE)	µg/m3	0.28 U SA	9.57 U	9.57 U	0.28 U SA	0.96 U	0.96 U	827.63 J	2.58 SA	1058.72	1.02 SA	773.89	2.26 SA	1150.09 J	0.28 U SA	1343.56 J	0.28 U SA	4740.07 D*
Trichlorofluoromethane (Freon 11)	µg/m3	2.51 U	25.12 U	25.12 U	1.57 SA	2.51 U	12.7	142.18 UJ	1.57 SA	316.39 U	11.13	174.77 U	10.45	321.44 UJ	8.77	747.41 UJ	7.25	11.18
Trichlorotrifluoroethane (Freon 113)	µg/m3	2.83 U	28.28 U	28.28 U	0.54 U SA	2.83 U	2.83 U	159.42 UJ	2.83 U	356.40 U	5.66 U	196.21 U	5.66 U	361.77 UJ	2.83 U	843.11 UJ	2.83 U	2.83 U
Trimethylbenzene, 1,2,4-	µg/m3	1.62 J*	8.21 U	8.21 U	0.19 U SA	3.00	3.59	80.62 J	0.82 U	103.24 U	2.16 J*	78.66 J*	3.15 J*	105.21 UJ	0.82 U	244.82 UJ	0.82 U	6.64
Trimethylbenzene, 1,3,5-	µg/m3	1.44 U	14.36 U	14.36 U	0.23 U SA	1.44 U	1.44 U	81.12 UJ	1.44 U	180.91 U	2.87 U	99.80 U	2.87 U	183.86 UJ	1.44 U	427.71 UJ	1.44 U	2.26 J*
Vinyl Bromide (Bromoethene)	µg/m3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Vinyl chloride	µg/m3	0.16 U SA	10.07 U	10.07 U	0.16 U SA	1.01 U	1.01 U	57.00 UJ	0.16 U SA	126.79 U	0.16 U SA	70.04 U	0.16 U SA	128.83 UJ	0.16 U SA	299.08 UJ	0.16 U SA	1.01 U
Xylene, m & p-	µg/m3	6.42	55.93	52.89	0.47 U SA	35.38	64.16	335.56 J	2.14 U	344.23 J*	10.93	367.64	11.97	274.00 UJ	2.14 U	637.30 UJ	2.14 U	51.16
Xylene, o-	µg/m3	2.56	19.08 J*	15.61 J*	0.26 U SA	14.13	24.15	110.12 J	1.32 U	166.48 U	4.34	117.49 J*	4.68	169.08 UJ	1.32 U	394.09 UJ	1.32 U	21.16

See last page for notes.

Table C1
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Description Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type		AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas				OU1 - Northwest Corner																			
		AM-SVIA9		AM-SVIAAMB		AMSF-05-SS		AMSF-06-IA		AMSF-06-SS		AMSF-07-IA		AMSF-07-SS		AMSF-22-IA		AMSF-22-SS		AMSF-24-IA		AMSF-24-SS		AMSF-AA	
		4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13
		AM-SVIA9-IA	AM-SVIA9-SSV	AM-SVIA9-SSVDUP1	AM-SVIAAMB-OA	AMSF-05-IA-120613	AMSF-05-SS-120613	AMSF-05-SSD-120613	AMSF-06-IA-120613	AMSF-06-SS-120613	AMSF-07-IA-120613	AMSF-07-SS-120613	AMSF-22-IA-120613	AMSF-22-SS-120613	AMSF-24-IA-120613	AMSF-24-SS-120613	AMSF-AA-120613								
		Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor	Outdoor Ambient Air	Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Ambient Air								
		STANTEC	STANTEC	STANTEC	STANTEC	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere	O'Brien & Gere								
		SPECTRUM	SPECTRUM	SPECTRUM	SPECTRUM	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU	TALBU								
		M0500	M0501	M0501	M0500	200-20018-1	200-20018-1	200-20018-1	200-20018-1	200-20018-1	200-20018-1	200-20018-1	200-20018-1	200-20018-1	200-20018-1	200-20018-1	200-20018-1								
M0500-15	M0501-16	M0501-16DUP1	M0500-12	200200185-UG	200200186-UG	200200187-UG	200200188-UG	200200189-UG	200200181-UG	200200182-UG	200200183-UG	200200184-UG	2002001810-UG	2002001811-UG	2002001812-UG										
Units																									
Volatile Organic Compounds																									
Acetone	µg/m3	222.42	22.72	24.71	41.35	740 J	1300 U	1200 U	1300 J	240 U	720 J	600 J	1400 J	540 U	550 J	120 U	12 U								
Acrylonitrile	µg/m3	3.32 U	3.62	3.08	0.83 U	-	-	-	-	-	-	-	-	-	-	-	-								
Allyl chloride (3-Chloropropene)	µg/m3	-	-	-	-	1.6 U	170 U	160 U	1.6 U	32 U	1.6 U	1.6 U	1.6 U	71 U	1.6 U	16 U	0.25 U								
Benzene	µg/m3	2.58 SA	1.50 J*	1.66 J*	0.51 U	2.5	68 U	65 U	4.8	13 U	2.6	2.4	5.6	29 U	1.8	14	0.34								
Benzyl Chloride	µg/m3	3.67 U	0.92 U	1.83 U	0.92 U	-	-	-	-	-	-	-	-	-	-	-	-								
Bromodichloromethane	µg/m3	5.65 U	1.41 U	2.83 U	1.41 U	1.3 U	140 U	140 U	1.3 U	27 U	1.3 U	1.3 U	1.3 U	61 U	1.3 U	13 U	0.27 U								
Bromoform (Tribromomethane)	µg/m3	9.18 U	2.29 U	4.59 U	2.29 U	2.1 U	220 U	210 U	2.1 U	42 U	2.1 U	2.1 U	2.1 U	93 U	2.1 U	21 U	0.41 U								
Bromomethane (Methyl bromide)	µg/m3	4.62 U	1.16 U	2.31 U	1.16 U	0.78 U	83 U	79 U	0.78 U	16 U	0.78 U	0.78 U	0.78 U	35 U	0.78 U	7.8 U	0.31 U								
Butadiene, 1,3-	µg/m3	3.33 U	0.83 U	1.67 U	0.83 U	0.44 U	47 U	45 U	0.44 U	9.0 U	0.44 U	0.44 U	0.44 U	20 U	0.44 U	4.4 U	0.18 U								
Butylbenzene, n-	µg/m3	0.31 U SA	1.34 U	2.68 U	1.34 U	-	-	-	-	-	-	-	-	-	-	-	-								
Butylbenzene, sec- (2-Phenylbutane)	µg/m3	0.29 U SA	1.33 U	2.67 U	1.33 U	-	-	-	-	-	-	-	-	-	-	-	-								
Carbon Disulfide	µg/m3	0.65 J* SA	16.15	17.18	1.16 U	1.6 U	170 U	160 U	1.6 U	75	1.6 U	2.5	1.6 U	70 U	1.6 U	16 U	1.6 U								
Carbon Tetrachloride (Tetrachloromethane)	µg/m3	0.44 J* SA	1.31 U	2.62 U	0.38 J* SA	0.51	130 U	130 U	0.51 NJ	26 U	0.42	1.3 U	0.41 NJ	57 U	0.49 NJ	13 U	0.44								
Chlorobenzene (Monochlorobenzene)	µg/m3	5.34 U	1.34 U	2.67 U	1.34 U	0.92 U	99 U	94 U	0.92 U	19 U	0.92 U	0.92 U	0.92 U	42 U	0.92 U	9.2 U	0.92 U								
Chloroethane (Ethyl Chloride)	µg/m3	0.20 U SA	1.18 U	2.36 U	1.18 U	1.3 U	140 U	130 U	1.3 U	27 U	1.3 U	1.3 U	1.3 U	60 U	1.3 U	13 U	0.21 U								
Chloroform (Trichloromethane)	µg/m3	0.22 U SA	3.89	4.09 J*	1.38 U	0.98 U	100 U	100 U	0.98 U	20 U	0.98 U	1.5	0.98 U	44 U	0.98 U	9.8 U	0.20 U								
Chloromethane	µg/m3	0.19 U SA	1.67	1.69 J*	1.55	8.4	110 U	110 U	1.4	21 U	1.2	1.0	1.3	47 U	1.1	10 U	1.2								
Cyclohexane	µg/m3	0.69 SA	1.24 J*	1.20 U	0.60 U	3.4	74 U	70 U	8.4	14 U	2.6	0.69 U	10	31 U	2.4	210	0.14 U								
Dibromochloromethane	µg/m3	6.27 U	1.57 U	3.14 U	1.57 U	1.7 U	180 U	170 U	1.7 U	35 U	1.7 U	1.7 U	1.7 U	77 U	1.7 U	17 U	0.34 U								
Dichlorobenzene, 1,2-	µg/m3	5.58 U	1.39 U	2.79 U	1.39 U	1.2 U	130 U	120 U	1.2 U	25 U	1.2 U	1.2 U	1.2 U	54 U	1.2 U	12 U	1.2 U								
Dichlorobenzene, 1,3-	µg/m3	6.55 U	1.64 U	3.28 U	1.64 U	1.2 U	130 U	120 U	1.2 U	25 U	1.2 U	1.2 U	1.2 U	54 U	1.2 U	12 U	1.2 U								
Dichlorobenzene, 1,4-	µg/m3	5.17 U	1.29 U	2.59 U	1.29 U	1.2 U	130 U	120 U	1.2 U	25 U	1.2 U	1.2 U	1.2 U	54 U	1.2 U	12 U	1.2 U								
Dichlorodifluoromethane (Freon 12)	µg/m3	12.86	14.39	15.33	2.52	2.7	260 U	250 U	3.4	50 U	2.5 U	2.7	3.5	110 U	2.5 U	25 U	2.3								
Dichloroethane, 1,1-	µg/m3	0.20 U SA	0.81 U	1.62 U	0.81 U	0.81 U	340	260	0.81 U	17 U	0.81 U	56	0.81 U	840	0.81 U	8.1 U	0.16 U								
Dichloroethane, 1,2-	µg/m3	4.13 U	1.03 U	2.06 U	1.03 U	0.81 U	87 U	83 U	0.81 U	17 U	0.81 U	0.81 U	0.81 U	37 U	0.81 U	8.1 U	0.32 U								
Dichloroethene, 1,1-	µg/m3	0.29 U SA	1.48 U	2.96 U	1.48 U	0.79 U	860	650	0.85	16 U	0.79 U	59	0.85	5100	0.79 U	7.9 U	0.16 U								
Dichloroethene, cis-1,2-	µg/m3	0.19 U SA	0.65 U	1.29 U	1.15 J*	0.79 U	85 U	81 U	0.79 U	16 U	0.79 U	0.79 U	0.79 U	190	0.79 U	7.9 U	0.16 U								
Dichloroethene, trans-1,2-	µg/m3	0.17 U SA	0.84 U	1.69 U	0.84 U	0.79 U	85 U	81 U	0.79 U	16 U	0.79 U	0.79 U	0.79 U	36 U	0.79 U	7.9 U	0.16 U								
Dichloropropane, 1,2-	µg/m3	3.62 U	0.91 U	1.81 U	0.91 U	0.92 U	99 U	94 U	0.92 U	19 U	0.92 U	0.92 U	0.92 U	42 U	0.92 U	9.2 U	0.37 U								
Dichloropropene, cis-1,3-	µg/m3	3.09 U	0.77 U	1.54 U	0.77 U	0.91 U	97 U	93 U	0.91 U	19 U	0.91 U	0.91 U	0.91 U	41 U	0.91 U	9.1 U	0.18 U								
Dichloropropene, trans-1,3-	µg/m3	2.71 U	0.68 U	1.35 U	0.68 U	0.91 U	97 U	93 U	0.91 U	19 U	0.91 U	0.91 U	0.91 U	41 U	0.91 U	9.1 U	0.18 U								
Dichlorotetrafluoroethane, 1,2- (Freon 114)	µg/m3	10.21 UJ	2.55 U	5.10 U	2.55 UJ	1.4 U	150 U	140 U	1.4 U	29 U	1.4 U	1.4 U	1.4 U	63 U	1.4 U	14 U	0.28 U								
Dioxane, 1,4-	µg/m3	0.24 U SA	0.95 U	1.91 U	0.95 U	18 U	1900 U	1800 U	18 U	370 U	18 U	18 U	18 U	810 U	18 U	180 U	18 U								
Ethanol	µg/m3	314.88	26.77	29.04	10.95	-	-	-	-	-	-	-	-	-	-	-	-								
Ethyl Acetate	µg/m3	3.96 U	21.12	22.2	2.92	-	-	-	-	-	-	-	-	-	-	-	-								
Ethylbenzene	µg/m3	2.38 SA	16.52	19.42	0.85 U	1.7	15000 J	9200 J	2.7	6300 J	1.7	430 J	2.9	54	1.2	27	0.17 U								
Ethylene Dibromide (Dibromoethane, 1,2-)	µg/m3	9.38 U	2.34 U	4.69 U	2.34 U	1.5 U	160 U	160 U	1.5 U	31 U	1.5 U	1.5 U	1.5 U	69 U	1.5 U	15 U	0.31 U								
Ethyltoluene, 4-	µg/m3	0.59 SA	3.59	3.83 J*	1.17 U	0.98 U	110 U	100 U	0.98	20 U	0.98 U	1.1	1.1	44 U	0.98 U	9.8 U	0.20 U								
Hexachlorobutadiene (Hexachloro-1,3-butadiene)	µg/m3	9.98 U	2.50 U	4.99 U	2.50 U	-	-	-	-	-	-	-	-	-	-	-	-								
Hexane (n-Hexane)	µg/m3	3.06 U	3.77	4.16	8.43	5.6	75 U	72 U	16	14 U	4.3	3.7	17	32 U	4.1	120	0.28 U								
Hexanone, 2- (Methyl Butyl Ketone)	µg/m3	2.52 U	0.63 U	1.26 U	0.63 U	2.0 U	220 U	210 U	2.0 U	42 U	2.0 U	2.0 U	2.0 U	93 U	2.0 U	20 U	2.0 U								
Isopropyl Alcohol (2-Propanol)	µg/m3	83.44	7.17	8.29	2.48	-	-	-	-	-	-	-	-	-	-	-	-								
Isopropylbenzene	µg/m3	0.28 U SA	1.24 U	2.49 U	1.62 J*	-	-	-	-	-	-	-	-	-	-	-	-								
Isopropyltoluene, p- (Cymene)	µg/m3	1.18 SA	1.28 U	2.56 U	1.28 U	-	-	-	-	-	-	-	-	-	-	-	-								
Methyl Ethyl Ketone (MEK)	µg/m3	4.60 J*	5.37	5.25	79.62	45	160 U	150 U	89	30 U	43	33	91	67 U	31	15 U	1.5 U								
Methyl Isobutyl Ketone (MIBK)	µg/m3	4.10 U	3.61	3.77 J*	1.02 U	2.9	220 U	210 U	3.0 NJ	42 U	2.0 U	2.0 U	3.5 NJ	93 U	2.0 U	20 U	2.0 U								
Methyl tert-butyl ether (MTBE)	µg/m3	2.44 U	0.61 U	1.22 U	0.61 U	0.72 U	77 U	74 U	0.72 U	15 U	0.72 U	0.72 U	0.72 U	33 U	0.72 U	7.2 U	0.14 U								
Methylene Chloride (Dichloromethane)	µg/m3	2.67 SA	2.15	3.08 U	2.74	1.7 U	190 U	180 U	2.3	35 U	1.7 U	1.7 U	2.3	79 U	2.6	17 U	1.4 U*								

See last page for notes.

Table C1
Summary of Soil Vapor Intrusion Assessment Sample Analysis Results
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Area of Concern Sample Location Sample Date Sample ID Sample Description Sampling Company Laboratory Laboratory Work Order Laboratory Sample ID Sample Type	Units	AOC 9 - Soil Vapor Intrusion Assessment in OU2 Areas				OU1 - Northwest Corner											
		4-Apr-13	4-Apr-13	4-Apr-13	4-Apr-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13	6-Dec-13
		AM-SVIA9-IA	AM-SVIA9-SSV	AM-SVIA9-SSVDUP1	AM-SVIAAMB-OA	AMSF-05-IA-120613	AMSF-05-SS-120613	AMSF-05-SSD-120613	AMSF-06-IA-120613	AMSF-06-SS-120613	AMSF-07-IA-120613	AMSF-07-SS-120613	AMSF-22-IA-120613	AMSF-22-SS-120613	AMSF-24-IA-120613	AMSF-24-SS-120613	AMSF-AA-120613
		Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor	Outdoor Ambient Air	Indoor Air	Sub-Slab Soil Vapor	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Indoor Air	Sub-Slab Soil Vapor	Ambient Air
		STANTEC SPECTRUM M0500	STANTEC SPECTRUM M0501	STANTEC SPECTRUM M0501	STANTEC SPECTRUM M0500	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1	O'Brien & Gere TALBU 200-20018-1
		M0500-15	M0501-16	M0501-16DUP1 Lab Replicate	M0500-12	200200185-UG	200200186-UG	200200187-UG Field Duplicate	200200188-UG	200200189-UG	200200181-UG	200200182-UG	200200183-UG	200200184-UG	2002001810-UG	2002001811-UG	2002001812-UG
Volatile Organic Compounds (cont'd)																	
Naphthalene	µg/m3	0.96 UJ SA	1.78 J*	1.81 U	0.91 UJ	-	-	-	-	-	-	-	-	-	-	-	-
n-Heptane	µg/m3	25.57	4.71	5.33	0.75 U	11	88 U	84 U	16	17 U	11	9.2	17	37 U	7.7	150	0.16 U
Propene	µg/m3	1.47 U	0.37 U	0.73 U	0.37 U	-	-	-	-	-	-	-	-	-	-	-	-
Styrene	µg/m3	4.20 U	2.17	2.38 J*	1.05 U	1.1	91 U	630	0.85	17 U	0.85 U	0.85 U	0.92	39 U	0.85 U	8.5 U	0.85 U
Tetrachloroethane, 1,1,1,2-	µg/m3	6.24 U	1.56 U	3.12 U	1.56 U	-	-	-	-	-	-	-	-	-	-	-	-
Tetrachloroethane, 1,1,2,2-	µg/m3	7.49 U	20.74	3.75 U	1.87 U	1.4 U	150 U	140 U	1.4 U	28 U	1.4 U	1.4 U	1.4 U	62 U	1.4 U	14 U	0.27 U
Tetrachloroethene (PCE)	µg/m3	5.36 SA	759.49 D*	718.81	1.76 J*	4.4	2800	2100	9.8	790	5.9	160	11	8100	3.7	300	0.27 U
Tetrahydrofuran	µg/m3	2.60 U	0.65 U	1.30 U	56.62	-	-	-	-	-	-	-	-	-	-	-	-
Toluene	µg/m3	18.17 SA	27.54	27.24	0.83 J*	34	81 U	77 U	42	23	21	19	48	34 U	29	38 NJ	0.42
Trichlorobenzene, 1,2,3-	µg/m3	-	-	-	-	1.5 U	160 U	150 U	1.5 U	30 U	1.5 U	1.5 U	1.5 U	67 U	1.5 U	15 U	1.5 U
Trichlorobenzene, 1,2,4-	µg/m3	5.46 UJ	1.37 U	2.73 U	1.37 UJ	3.7 U	400 U	380 U	3.7 U	76 U	3.7 U	3.7 U	3.7 U	170 U	3.7 U	37 U	3.7 U
Trichloroethane, 1,1,1-	µg/m3	0.98 SA	124.4	131.49	1.07 U	4.7	22000	17000	9.1	3800	5.4	190	10	910	3.2	1800	0.22 U
Trichloroethane, 1,1,2-	µg/m3	5.73 U	1.43 U	2.86 U	1.43 U	1.1 U	120 U	110 U	1.1 U	22 U	1.1 U	1.1 U	1.1 U	550	1.1 U	11 U	0.22 U
Trichloroethene (TCE)	µg/m3	0.28 U SA	0.96 U	1.91 U	0.28 U SA	0.21 U	160	120	0.39	22 U	0.27	1.1 U	0.4	640	0.21 U	11 U	0.21 U
Trichlorofluoromethane (Freon 11)	µg/m3	157.35	3.54	5.02 U	2.51 U	17	120 U	110 U	20	110	9.9	10	20	51 U	12	46	1.3
Trichlorotrifluoroethane (Freon 113)	µg/m3	11.34 U	2.83 U	5.66 U	2.83 U	1.5 U	160 U	160 U	1.5 U	31 U	1.5 U	1.5 U	1.5 U	69 U	1.5 U	15 U	1.5 U
Trimethylbenzene, 1,2,4-	µg/m3	2.02 SA	10.62	12.00	0.93 J*	-	-	-	-	-	-	-	-	-	-	-	-
Trimethylbenzene, 1,3,5-	µg/m3	0.23 U SA	3.83	4.03 J*	1.44 U	0.98 U	110 U	100 U	1.1	20 U	0.98 U	0.98 U	1.3	44 U	0.98 U	23	0.39 U
Vinyl Bromide (Bromoethene)	µg/m3	-	-	-	-	0.87 U	94 U	89 U	0.87 U	18 U	0.87 U	0.87 U	0.87 U	40 U	0.87 U	8.7 U	0.35 U
Vinyl chloride	µg/m3	0.16 U SA	1.01 U	2.01 U	0.16 U SA	0.10 U	55 U	52 U	0.10 U	10 U	0.10 U	0.51 U	0.10 U	23 U	0.10 U	5.1 U	0.20 U
Xylene, m & p-	µg/m3	9.62 SA	79.77	96.68	2.14 U	6.3	55000 J	37000 J	11	18000 J	7.0	1100 J	12	170	4.6	130	0.35 U
Xylene, o-	µg/m3	4.03 SA	29.52	34.86	1.32 U	2.1	24000 J	16000	3.8	6500 J	2.5	710 J	4.0	130	1.5	35	0.17 U

- Notes:

15.2

Concentration was detected.

0.03 U

The analyte was not detected above the laboratory's reportable detection limit shown (a concentration of 0.03 in this example).

-

Parameter not analyzed / not available.

*

Recovery or RPD exceeds control limits

D*

Data reported from a dilution
- J

The reported result is an estimated value.
- J*

Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value
- NJ

The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate co
- SA

Sample analyzed by SIM analysis.
- U

Indicates that the analyte was analyzed but not detected.
- UJ

Indicates estimated non-detect.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-21-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
 Lab Code: MITKEM Case No.: M0596 Mod. Ref No.: _____ SDG No.: SM0596
 Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0596-01A
 Sample wt/vol: 5.40 (g/mL) G Lab File ID: V1M1627.D
 Level: (TRACE or LOW/MED) LOW Date Received: 04/25/2013
 % Moisture: not dec. 16 Date Analyzed: 04/30/2013
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	1066-40-6	Silanol, trimethyl-	3.578	18	NJ
02	556-67-2	Cyclotetrasiloxane, octameth	9.103	320	NJ
03		Unknown	11.024	340	J

¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-22-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0596 Mod. Ref No.: _____ SDG No.: SM0596
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0596-02A
Sample wt/vol: 5.60 (g/mL) G Lab File ID: V1M1633.D
Level: (TRACE or LOW/MED) LOW Date Received: 04/25/2013
% Moisture: not dec. 21 Date Analyzed: 04/30/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0596 Mod. Ref No.: _____ SDG No.: SM0596
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0596-03B
Sample wt/vol: 5.10 (g/mL) G Lab File ID: V1M1634.D
Level: (TRACE or LOW/MED) LOW Date Received: 04/25/2013
% Moisture: not dec. 24 Date Analyzed: 04/30/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-S-2

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0596 Mod. Ref No.: _____ SDG No.: SM0596
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0596-04B
Sample wt/vol: 5.40 (g/mL) G Lab File ID: V1M1635.D
Level: (TRACE or LOW/MED) LOW Date Received: 04/25/2013
% Moisture: not dec. 18 Date Analyzed: 04/30/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-23-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0596 Mod. Ref No.: _____ SDG No.: SM0596
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0596-05A
Sample wt/vol: 5.20 (g/mL) G Lab File ID: V1M1636.D
Level: (TRACE or LOW/MED) LOW Date Received: 04/25/2013
% Moisture: not dec. 14 Date Analyzed: 04/30/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0596 Mod. Ref No.: _____ SDG No.: SM0596
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0596-03A
Sample wt/vol: 15.7 (g/mL) G Lab File ID: S6B3602.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 24 Decanted: (Y/N) N Date Received: 04/25/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/01/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/03/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MW-25-S-2

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0596 Mod. Ref No.: _____ SDG No.: SM0596
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0596-04A
Sample wt/vol: 15.3 (g/mL) G Lab File ID: S6B3603.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 18 Decanted: (Y/N) N Date Received: 04/25/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/01/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/03/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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²EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-20-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0688 Mod. Ref No.: _____ SDG No.: SM0688
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0688-01A
Sample wt/vol: .50 (g/mL) G Lab File ID: V503381.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/08/2013
% Moisture: not dec. 11 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	11.247	85	JL

¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-20-S-2

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0688 Mod. Ref No.: _____ SDG No.: SM0688
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0688-02A
Sample wt/vol: .50 (g/mL) G Lab File ID: V503382.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/08/2013
% Moisture: not dec. 13 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-26-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0688 Mod. Ref No.: _____ SDG No.: SM0688
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0688-03B
Sample wt/vol: 5.10 (g/mL) G Lab File ID: V503380.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/08/2013
% Moisture: not dec. 17 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A0C11-TB2-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0688 Mod. Ref No.: _____ SDG No.: SM0688
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0688-05C
Sample wt/vol: 5.00 (g/mL) G Lab File ID: V503373.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/08/2013
% Moisture: not dec. 22 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-28-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0688 Mod. Ref No.: _____ SDG No.: SM0688
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0688-06C
Sample wt/vol: 5.00 (g/mL) G Lab File ID: V503374.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/08/2013
% Moisture: not dec. 17 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A0C11-TB2-SS-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0688 Mod. Ref No.: _____ SDG No.: SM0688
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0688-04A
Sample wt/vol: 15.2 (g/mL) G Lab File ID: S4F3970.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 16 Decanted: (Y/N) N Date Received: 05/08/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/10/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/18/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	506-52-5	1-Hexacosanol	11.227	850	NJ
02	297-03-0	Cyclotetracosane	11.848	520	NJ

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A0C11-TB2-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0688 Mod. Ref No.: _____ SDG No.: SM0688
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0688-05A
Sample wt/vol: 15.8 (g/mL) G Lab File ID: S4F3971.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 22 Decanted: (Y/N) N Date Received: 05/08/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/10/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/18/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	18835-33-1	1-Hexacosene	11.227	700	NJ
02	301-02-0	9-Octadecenamide, (Z)-	12.086	340	NJ

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-28-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0688 Mod. Ref No.: _____ SDG No.: SM0688
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0688-06A
Sample wt/vol: 15.1 (g/mL) G Lab File ID: S4F3972.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 17 Decanted: (Y/N) N Date Received: 05/08/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/10/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/18/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	6971-40-0	17-Pentatriacontene	11.227	740	NJ

²EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A0C11-TB1-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-02C
Sample wt/vol: 5.00 (g/mL) G Lab File ID: V503375.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/10/2013
% Moisture: not dec. 8.8 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A0C11-TB3-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-04C
Sample wt/vol: 5.00 (g/mL) G Lab File ID: V503376.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/10/2013
% Moisture: not dec. 21 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-DUP-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-05C
Sample wt/vol: 5.10 (g/mL) G Lab File ID: V503377.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/10/2013
% Moisture: not dec. 20 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-27-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-06B
Sample wt/vol: 5.10 (g/mL) G Lab File ID: V503378.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/10/2013
% Moisture: not dec. 13 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-TB-050813

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0716-07A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8B9851.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/10/2013
% Moisture: not dec. Date Analyzed: 05/15/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-EB-050813

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0716-08A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8B9852.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/10/2013
% Moisture: not dec. Date Analyzed: 05/15/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SPW-TB2-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-09B
Sample wt/vol: 5.00 (g/mL) G Lab File ID: V503379.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/10/2013
% Moisture: not dec. 16 Date Analyzed: 05/13/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A0C11-TB1-SS-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-01A
Sample wt/vol: 15.3 (g/mL) G Lab File ID: S6B3903.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 15 Decanted: (Y/N) N Date Received: 05/10/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/15/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/20/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	296-56-0	Cycloeicosane	10.586	420	NJ

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A0C11-TB1-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-02A
Sample wt/vol: 15.0 (g/mL) G Lab File ID: S6B3904.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 8.8 Decanted: (Y/N) N Date Received: 05/10/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/15/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/20/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	56221-91-1	13-Tetradecen-1-ol acetate	10.575	370	NJ

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A0C11-TB3-SS-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-03A
Sample wt/vol: 15.5 (g/mL) G Lab File ID: S6B3905.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 13 Decanted: (Y/N) N Date Received: 05/10/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/15/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/20/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	203-64-5	4H-Cyclopenta[def]phenanthre	8.953	470	NJ
02	84-65-1	9,10-Anthracenedione	9.123	330	NJ
03		Unknown (9.68722)	9.687	350	J
04	243-17-4	11H-Benzo[b]fluorene (9.8341	9.834	320	NJ
05	2381-21-7	Pyrene, 1-methyl-	9.922	760	NJ
06	243-17-4	11H-Benzo[b]fluorene (9.9810	9.981	440	NJ
07	479-79-8	11H-Benzo[a]fluoren-11-one	10.363	300	NJ
08		Unknown (10.45692)	10.457	410	J
09	25732-74-5	Cyclopenta(cd)pyrene, 3,4-di	10.480	330	NJ
10	1599-67-3	1-Docosene	10.580	740	NJ
11		Unknown (10.78007)	10.780	520	J
12	2541-69-7	Benz[a]anthracene, 7-methyl-	11.033	460	NJ
13		Unknown (11.06798)	11.068	350	J
14		Unknown (11.12085)	11.121	430	J
15		Unknown (11.15023)	11.150	330	J
16		Unknown (11.16787)	11.168	530	J
17		Unknown (11.48513)	11.485	440	J
18	1000155-85-0	Bicyclo[10.8.0]eicosane, (E)	11.556	420	NJ
19	629-94-7	Heneicosane	12.455	460	NJ
20		Unknown (13.50633)	13.506	450	J

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

A0C11-TB3-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-04A
Sample wt/vol: 15.0 (g/mL) G Lab File ID: S6B3906.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 21 Decanted: (Y/N) N Date Received: 05/10/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/15/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/20/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	74685-33-9	3-Eicosene, (E)-	10.586	580	NJ

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-DUP-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-05A
Sample wt/vol: 15.5 (g/mL) G Lab File ID: S6B3907.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 20 Decanted: (Y/N) N Date Received: 05/10/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/15/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/20/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	296-56-0	Cycloeicosane	10.610	470	NJ

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MW-27-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-06A
Sample wt/vol: 15.7 (g/mL) G Lab File ID: S6B3908.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 13 Decanted: (Y/N) N Date Received: 05/10/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/15/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/20/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	1000155-85-3	Cyclohexadecane, 1,2-diethyl	10.616	370	NJ
02		Unknown	11.162	300	J

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-EB-050813

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M0716-08B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6B3902.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF
% Moisture: _____ Decanted: (Y/N) _____ Date Received: 05/10/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/15/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/20/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

SPW-TB2-S-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M0716 Mod. Ref No.: _____ SDG No.: SM0716
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: M0716-09A
Sample wt/vol: 15.2 (g/mL) G Lab File ID: S6B3909.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SONC
% Moisture: 16 Decanted: (Y/N) N Date Received: 05/10/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 05/15/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 05/20/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	1000143-48-6	2-Heptadecenal	10.616	400	NJ

²EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-TB-06182013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-01A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0738.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/25/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-27-W-061
82013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-02A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0739.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/25/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-31-W-061
82013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-03A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0740.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/25/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-9S-W-061
82013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-04A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0741.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/25/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-9S-W-061
82013DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-04ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0776.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/26/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-4-W-0618
2013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-05A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0742.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/25/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-21-W-061
92013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-06A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0743.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/25/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-20-W-061
92013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-07A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0744.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/25/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-20-W-061
92013DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-07ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0775.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/26/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-22-W-061
92013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-08A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0745.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/25/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-22-W-061
92013DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-08ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0774.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/26/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-23-W-061
92013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-09A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0773.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/26/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-25-W-061
92013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-10A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8C0747.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/21/2013
% Moisture: not dec. Date Analyzed: 06/25/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-27-W-061
82013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-02B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6B4795.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF
% Moisture: _____ Decanted: (Y/N) _____ Date Received: 06/21/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 06/25/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 06/29/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0

CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01		Unknown	12.535	5.1	J

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-9S-W-061
82013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-04B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6B4796.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF
% Moisture: _____ Decanted: (Y/N) _____ Date Received: 06/21/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 06/25/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 06/29/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	127-18-4	Tetrachloroethylene	3.540	16	NJ
02	112-84-5	13-Docosenamide, (Z)-	12.529	4.6	NJ

²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-25-W-061
92013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1024 Mod. Ref No.: _____ SDG No.: SM1024
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1024-10B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6B4797.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF
% Moisture: _____ Decanted: (Y/N) _____ Date Received: 06/21/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 06/25/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 06/29/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	127-18-4	Tetrachloroethylene	3.540	22	NJ

²EPA-designated Registry Number.

FORM I - ORGANIC ANALYSIS DATA SHEET**SW846 8260C TICs****AMSF-TB-051413**

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 70063
Client: Stantec Consulting Services - Rochester, NY Project: AMSF - Gates, NY
Project Number: 190500647 Received: 05/21/13 21:00
Matrix: Water Laboratory ID: SB70063-01 File ID: 7006301.D
Sampled: 05/14/13 09:00 Prepared: 05/25/13 10:25 Analyzed: 05/26/13 08:28
% Solids: Preparation: SW846 5030 Water MS Initial/Final: 5 ml / 5 ml
Batch: 1312152 Sequence: S305975 Calibration: 1305021 Instrument: HPV1
Reported to: MDL Dilution: 1

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (µg/l)	Q
	Tentatively Identified Compounds		None found	

FORM I - ORGANIC ANALYSIS DATA SHEET**SW846 8260C TICs****MW-30-S-1**

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 70063
Client: Stantec Consulting Services - Rochester, NY Project: AMSF - Gates, NY
Project Number: 190500647 Received: 05/21/13 21:00
Matrix: Soil Laboratory ID: SB70063-02RE1 File ID: 7006302RE1.D
Sampled: 05/14/13 11:40 Prepared: 05/24/13 09:15 Analyzed: 05/25/13 02:01
% Solids: 84.95 Preparation: SW846 5035A Soil (low lev Initial/Final: 5.16 g / 5 ml
Batch: 1312045 Sequence: S305948 Calibration: 1305023 Instrument: HPV9
Reported to: MDL Dilution: 1

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (µg/kg dry)	Q
	Tentatively Identified Compounds		None found	

FORM I - ORGANIC ANALYSIS DATA SHEET**SW846 8260C TICs****MW-30-S-2**

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 70063
Client: Stantec Consulting Services - Rochester, NY Project: AMSF - Gates, NY
Project Number: 190500647 Received: 05/21/13 21:00
Matrix: Soil Laboratory ID: SB70063-03RE1 File ID: 7006303RE1.D
Sampled: 05/14/13 11:50 Prepared: 05/24/13 09:15 Analyzed: 05/25/13 02:31
% Solids: 89.83 Preparation: SW846 5035A Soil (low lev Initial/Final: 5.49 g / 5 ml
Batch: 1312045 Sequence: S305948 Calibration: 1305023 Instrument: HPV9
Reported to: MDL Dilution: 1

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (µg/kg dry)	Q
	Tentatively Identified Compounds		None found	

FORM I - ORGANIC ANALYSIS DATA SHEET**SW846 8260C TICs****MW-29-S-1 (MS/MSD)**

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 70063
Client: Stantec Consulting Services - Rochester, NY Project: AMSF - Gates, NY
Project Number: 190500647 Received: 05/21/13 21:00
Matrix: Soil Laboratory ID: SB70063-04RE1 File ID: 7006304RE1.D
Sampled: 05/15/13 09:00 Prepared: 05/25/13 10:26 Analyzed: 05/25/13 13:45
% Solids: 82.86 Preparation: SW846 5035A Soil (low lev Initial/Final: 5.22 g / 5 ml
Batch: 1312153 Sequence: S305976 Calibration: 1305023 Instrument: HPV9
Reported to: MDL Dilution: 1

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (µg/kg dry)	Q
	Tentatively Identified Compounds		None found	

FORM I - ORGANIC ANALYSIS DATA SHEET**SW846 8270D TICS****MW-30-S-1**

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 70063
Client: Stantec Consulting Services - Rochester, NY Project: AMSF - Gates, NY
Project Number: 190500647 Received: 05/21/13 21:00
Matrix: Soil Laboratory ID: SB70063-02 File ID: B7006302.D
Sampled: 05/14/13 11:40 Prepared: 05/24/13 13:14 Analyzed: 05/28/13 18:24
% Solids: 84.95 Preparation: SW846 3546 Initial/Final: 30.0768 g / 1 ml
Batch: 1312097 Sequence: S307191 Calibration: 1304044 Instrument: HPS4
Reported to: MDL Dilution: 1

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (µg/kg dry)	Q
	Tentatively Identified Compounds		None found	

FORM I - ORGANIC ANALYSIS DATA SHEET**SW846 8270D TICS****MW-29-S-1 (MS/MSD)**

Laboratory: Spectrum Analytical, Inc. - Agawam, MA SDG: 70063
Client: Stantec Consulting Services - Rochester, NY Project: AMSF - Gates, NY
Project Number: 190500647 Received: 05/21/13 21:00
Matrix: Soil Laboratory ID: SB70063-04RE1 File ID: R7006304.D
Sampled: 05/15/13 09:00 Prepared: 05/29/13 15:00 Analyzed: 05/31/13 16:21
% Solids: 82.86 Preparation: SW846 3545A Initial/Final: 30.0036 g / 1 ml
Batch: 1312319 Sequence: S306209 Calibration: 1304044 Instrument: HPS4
Reported to: MDL Dilution: 1

CAS NO.	TENTATIVELY IDENTIFIED COMPOUND	RT	EST. CONC. (µg/kg dry)	Q
	Tentatively Identified Compounds		None found	

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-3S-W-062
02013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-01A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1711.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/01/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-TB-06202013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-02A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1712.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/01/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-10-W-062
02013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-03A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1713.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/01/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-26-W-062
02013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-04A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1714.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/01/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EQUIPMENT BLANK

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-05A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1754.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/02/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-1S-W-062
02013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-06A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1755.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/02/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-1S-W-062
02013DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-06ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1791.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/03/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-28-W-062
12013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-07A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1756.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/02/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-29-W-062
12013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-08A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1757.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/02/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-30-W-062
12013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-09A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1758.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/02/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-DUP-W-06
212013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-10A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V6I1759.D
Level: (TRACE or LOW/MED) LOW Date Received: 06/27/2013
% Moisture: not dec. Date Analyzed: 07/02/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

EQUIPMENT BLANK

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-05B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6B4888.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF
% Moisture: _____ Decanted: (Y/N) _____ Date Received: 06/27/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 06/27/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 07/03/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-28-W-062
12013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-07B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6B4889.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF
% Moisture: _____ Decanted: (Y/N) _____ Date Received: 06/27/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 06/27/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 07/03/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-29-W-062
12013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-08B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6B4892.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF
% Moisture: _____ Decanted: (Y/N) _____ Date Received: 06/27/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 06/27/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 07/03/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-30-W-062
12013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-09B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6B4893.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF
% Moisture: _____ Decanted: (Y/N) _____ Date Received: 06/27/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 06/27/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 07/03/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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²EPA-designated Registry Number.

1K - FORM I SV-TIC
SEMIVOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-DUP-W-06
212013

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1053 Mod. Ref No.: _____ SDG No.: SM1053
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1053-10B
Sample wt/vol: 1000 (g/mL) ML Lab File ID: S6B4894.D
Level: (TRACE or LOW/MED) LOW Extraction: (Type) SEPF
% Moisture: _____ Decanted: (Y/N) _____ Date Received: 06/27/2013
Concentrated Extract Volume: 1000 (uL) Date Extracted: 06/27/2013
Injection Volume: 1.0 (uL) GPC Factor: 1.00 Date Analyzed: 07/03/2013
GPC Cleanup: (Y/N) N pH: _____ Dilution Factor: 1.0
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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²EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-23-W-092
513

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-01A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1316.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/08/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-25-09251
3

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-02A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1197.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/04/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-22-W-092
513

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-03A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1198.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/04/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-31-W-092
513

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-04A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1199.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/04/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-20-W-092
513

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-05A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1200.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/04/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-20-W-092
513DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-05ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1319.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/08/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-21-W-092
513

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-06A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1201.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/04/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-21-W-092
513DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-06ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1320.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/08/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-26-W-092
613

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-07A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1317.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/08/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-DUP-W-09
2613

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-08A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1318.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/08/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-27-W-092
613

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-09A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1355.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/09/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-10-W-092
613

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-10A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1356.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/09/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-3S-W-092
613

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-11A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1357.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/09/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-1S-W-092
613

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-12A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1359.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/09/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 40.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-7-W-0926
13

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-13A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1360.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/09/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 40.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-4-W-0927
13

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-14A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1358.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/09/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-9S-W-092
713

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-15A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1385.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/10/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 8.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-28-W-092
713

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-16A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1382.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/10/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-29-W-092
713

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-17A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1384.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/10/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-30-W-092
713

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: M1902 Mod. Ref No.: _____ SDG No.: SM1902
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: M1902-18A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D1383.D
Level: (TRACE or LOW/MED) LOW Date Received: 10/02/2013
% Moisture: not dec. Date Analyzed: 10/10/2013
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-TRIPBLANK

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0572 Mod. Ref No.: _____ SDG No.: SN0572
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0572-01A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4138.D
Level: (TRACE or LOW/MED) LOW Date Received: 04/16/2014
% Moisture: not dec. Date Analyzed: 04/17/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-OU1-TB/MW-2

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0572 Mod. Ref No.: _____ SDG No.: SN0572
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: N0572-02A
Sample wt/vol: 5.00 (g/mL) G Lab File ID: V1M8516.D
Level: (TRACE or LOW/MED) LOW Date Received: 04/16/2014
% Moisture: not dec. 15 Date Analyzed: 04/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-OU1-DUP

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0572 Mod. Ref No.: _____ SDG No.: SN0572
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: N0572-03A
Sample wt/vol: 5.90 (g/mL) G Lab File ID: V1M8517.D
Level: (TRACE or LOW/MED) LOW Date Received: 04/16/2014
% Moisture: not dec. 15 Date Analyzed: 04/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-OU1-TB/MW-1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0572 Mod. Ref No.: _____ SDG No.: SN0572
Matrix: (SOIL/SED/WATER) SOIL Lab Sample ID: N0572-04A
Sample wt/vol: 5.10 (g/mL) G Lab File ID: V1M8518.D
Level: (TRACE or LOW/MED) LOW Date Received: 04/16/2014
% Moisture: not dec. 11 Date Analyzed: 04/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/KG Purge Volume: 10.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-RINSEBLANK

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0572 Mod. Ref No.: _____ SDG No.: SN0572
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0572-05A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4139.D
Level: (TRACE or LOW/MED) LOW Date Received: 04/16/2014
% Moisture: not dec. Date Analyzed: 04/17/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-TRIPBLANK-W
-05

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-01A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4913.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/19/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-13S-W-05
121

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-02A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4914.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/19/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	42525-60-0	Butane, 1,2,2,4-tetrachloro-	10.998	6.1	NJ

¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-13S-W-05
121

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-02ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4938.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 25.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-16I-W-05
121

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-03A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4915.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/19/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-16I-W-05
121

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-03ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4939.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 25.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-7-W-0512
14

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-04A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4935.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-9S-W-051
314

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-05A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4917.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/19/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-9S-W-051
314

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-05ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4940.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-32-W-051
314

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-06A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4918.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/19/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-32-W-051
314

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-06ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4941.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 8.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-33-W-051
314

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
 Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-07A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4919.D
 Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
 % Moisture: not dec. Date Analyzed: 05/19/2014
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	3533-70-8	Methyl E-2,3-dichloropropeno	10.998	11	NJ

¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-33-W-051
314

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-07ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4942.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 40.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-DUP-W-05131
4

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
 Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
 Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-08A
 Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4920.D
 Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
 % Moisture: not dec. Date Analyzed: 05/19/2014
 GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
 Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
 CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
01	3533-70-8	Methyl E-2,3-dichloropropeno	10.998	11	NJ

¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-DUP-W-05131
4DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-08ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4943.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 40.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-31-W-051
314

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-09A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4936.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-23-W-051
314

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: N0842 Mod. Ref No.: _____ SDG No.: SN0842
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: N0842-10A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8D4937.D
Level: (TRACE or LOW/MED) LOW Date Received: 05/16/2014
% Moisture: not dec. Date Analyzed: 05/21/2014
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-16I-W-06
2615

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-01A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6161.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-16I-W-06
2615DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-01ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6195.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-13S-W-06
2615

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-02A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6162.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-13S-W-06
2615DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-02ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6196.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-7-W-0626
15

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-03A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6189.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-32-W-062
615

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-04A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6164.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-32-W-062
615DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-04ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6197.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-33-W-062
615

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-05A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6198.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-1S-W-062
915

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-06A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6166.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-1S-W-062
915DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-06ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6247.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/09/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-9S-W-062
915

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-07A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6192.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-9S-W-062
915DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-07ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6228.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/08/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 2.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-20-W-063
015

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-08A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6167.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-20-W-063
015DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-08ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6229.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/08/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-21-W-063
015

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-09A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6190.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-26-W-063
015

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-10A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6191.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW22-W-0630
15

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-11A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6170.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW23-W-0630
15

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-12A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6171.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-29-W-062
915

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-13A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6172.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-31-W-062
915

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-14A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6173.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-34-W-062
915

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-15A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6193.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-MW-34-W-062
915DL

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-15ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6230.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/08/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-EQUIPMENTBLA
NK-063015

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-16A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6188.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-DUP-W-06291
5

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-17A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6194.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-TRIPBLANK1

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-18A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6186.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

AMSF-TRIPBLANK2

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1124-19A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6187.D
Level: (TRACE or LOW/MED) LOW Date Received: 07/01/2015
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB-82647

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-82647
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6156.D
Level: (TRACE or LOW/MED) LOW Date Received: _____
% Moisture: not dec. Date Analyzed: 07/06/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB-82653

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-82653
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6185.D
Level: (TRACE or LOW/MED) LOW Date Received: _____
% Moisture: not dec. Date Analyzed: 07/07/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB-82661

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-82661
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6226.D
Level: (TRACE or LOW/MED) LOW Date Received: _____
% Moisture: not dec. Date Analyzed: 07/08/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

EPA SAMPLE NO.

MB-82677

Lab Name: SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: MITKEM Case No.: P1124 Mod. Ref No.: _____ SDG No.: SP1124
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-82677
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V1N6246.D
Level: (TRACE or LOW/MED) LOW Date Received: _____
% Moisture: not dec. Date Analyzed: 07/09/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

Table D1
Summary of Samples Analyzed for TICs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location	Sample Identification	Sample Matrix	Sample Date	Sample Type	Parent Sample	Analysis Completed		Detection of TICs*
						TCL VOCs plus TICs by EPA Method 8260B	TCL sVOCs plus TICs by EPA Method 8270C	
AMSF-MW-1S	AMSF-MW-1S-W-06182013	GW	6/20/2013			X		
	AMSF-MW-1S-W-092613	GW	9/26/2013			X		
	AMSF-MW-1S-W-062915	GW	6/29/2015			X		
	AMSF-MW-1S-W-081815	GW	8/18/2015			X		
AMSF-MW-3S	AMSF-MW-3S-W-06202013	GW	6/20/2013			X		
	AMSF-MW-3S-W-092613	GW	9/26/2013			X		
AMSF-MW-4	AMSF-MW-4-W-06182013	GW	6/18/2013			X		
	AMSF-MW-4-W-092713	GW	9/27/2013			X		
AMSF-MW-7	AMSF-MW-7-W-092613	GW	9/26/2013			X		
	AMSF-MW-7-W-051214	GW	5/12/2014			X		
	AMSF-MW-7-W-062615	GW	6/26/2015			X		
	AMSF-MW-7-W-081815	GW	8/18/2015			X		
AMSF-MW-9S	AMSF-MW-9S-W-06182013	GW	6/18/2013			X	X	X
	AMSF-MW-9S-W-092713	GW	9/27/2013			X		
	AMSF-MW-9S-W-051314	GW	5/13/2014			X		
	AMSF-MW-9S-W-062915	GW	6/29/2015	MS/MSD		X		
	AMSF-MW-9S-W-081815	GW	8/18/2015	MS/MSD		X		
AMSF-MW-10	AMSF-MW-10-W-06202013	GW	6/20/2013			X		
	AMSF-MW-10-W-092613	GW	9/26/2013			X		
AMSF-MW-13S	AMSF-MW-13S-W-051214	GW	5/12/2014			X		X
	AMSF-MW-13S-W-062615	GW	6/26/2015			X		
	AMSF-MW-13S-W-081815	GW	8/18/2015			X		
AMSF-MW-16I	AMSF-MW-16I-W-051214	GW	5/12/2014			X		
	AMSF-MW-16I-W-062615	GW	6/26/2015			X		
	AMSF-MW-16I-W-081815	GW	8/18/2015			X		
AMSF-MW-20	AMSF-MW-20-W-06192013	GW	6/19/2013			X		
	AMSF-MW-20-W-092513	GW	9/25/2013			X		
	AMSF-MW-20-W-063015	GW	6/30/2015			X		
	AMSF-MW-20-W-081915	GW	8/19/2015			X		
AMSF-MW-21	AMSF-MW-21-W-06192013	GW	6/19/2013			X		
	AMSF-MW-21-W-092513	GW	9/25/2013			X		
	AMSF-MW-21-W-063015	GW	6/30/2015			X		
	AMSF-MW-21-W-081915	GW	8/19/2015			X		
AMSF-MW-22	AMSF-MW-22-W-06192013	GW	6/19/2013			X		
	AMSF-MW-22-W-092513	GW	9/25/2013			X		
	AMSF-MW22-W-063015	GW	6/30/2015			X		
	AMSF-MW-22-W-081915	GW	8/19/2015			X		
AMSF-MW-23	AMSF-MW-23-W-06192013	GW	6/19/2013			X		
	AMSF-MW-23-W-092513	GW	9/25/2013			X		
	AMSF-MW-23-W-051314	GW	5/13/2014			X		
	AMSF-MW23-W-063015	GW	6/30/2015			X		
	AMSF-MW-23-W-081915	GW	8/19/2015			X		
AMSF-MW-25	AMSF-MW-25-W-06192013	GW	6/19/2013			X	X	X
	AMSF-MW-25-092513	GW	9/25/2013			X		
AMSF-MW-26	AMSF-MW-26-W-06202013	GW	6/20/2013			X		
	AMSF-MW-26-W-092613	GW	9/26/2013	MS/MSD		X		
	AMSF-MW-DUP-W-092613	GW	9/26/2013	D	AMSF-MW-26-W-092613	X		
	AMSF-MW-26-W-063015	GW	6/30/2015			X		
	AMSF-MW-26-W-082015	GW	8/20/2015			X		
AMSF-MW-27	AMSF-MW-27-W-06182013	GW	6/18/2013			X	X	X
	AMSF-MW-27-W-092613	GW	9/26/2013			X		
AMSF-MW-28	AMSF-MW-28-W-06212013	GW	6/21/2013	MS/MSD		X	X	
	AMSF-MW-28-W-092713	GW	9/27/2013			X		
AMSF-MW-29	AMSF-MW-29-W-06212013	GW	6/21/2013			X	X	
	AMSF-MW-29-W-092713	GW	9/27/2013			X		
	AMSF-MW-29-W-062915	GW	6/29/2015			X		
	AMSF-MW-29-W-081915	GW	8/19/2015			X		
AMSF-MW-30	AMSF-MW-30-W-06212013	GW	6/21/2013			X	X	
	AMSF-MW-DUP-W-06212013	GW	6/21/2013	D	AMSF-MW-30-W-06212013	X	X	
	AMSF-MW-30-W-092713	GW	9/27/2013			X		
AMSF-MW-31	AMSF-MW-31-W-06182013	GW	6/18/2013			X		
	AMSF-MW-31-W-092513	GW	9/25/2013			X		
	AMSF-MW-31-W-051314	GW	5/13/2014			X		
	AMSF-MW-31-W-062915	GW	6/29/2015			X		
	AMSF-DUP-W-062915	GW	6/29/2015	D	AMSF-MW-31-W-062915	X		
	AMSF-MW-31-W-081915	GW	8/19/2015			X		
AMSF-MW-32	AMSF-DUP-W-081915	GW	8/19/2015	D	AMSF-MW-31-W-081915	X		
	AMSF-MW-32-W-051314	GW	5/13/2014			X		
	AMSF-MW-32-W-062615	GW	6/26/2015			X		
AMSF-MW-33	AMSF-MW-32-W-081915	GW	8/19/2015			X		
	AMSF-MW-33-W-051314	GW	5/13/2014	MS/MSD		X		X
	AMSF-MW-DUP-W-051314	GW	5/13/2014	D	AMSF-MW-33-W-051314	X		X
	AMSF-MW-33-W-062615	GW	6/26/2015			X		
AMSF-MW-34	AMSF-MW-33-W-081815	GW	8/18/2015			X		
	AMSF-MW-34-W-062915	GW	6/29/2015			X		
	AMSF-MW-34-W-081915	GW	8/19/2015			X		
RW-2	AMSF-RW-2-W-082015	GW	8/20/2015			X		
RW-3	AMSF-RW-3-W-082015	GW	8/20/2015			X		
SPW-TB2	SPW-TB2-S-1	SO	5/8/2013			X	X	X
AOC11-TB1	AOC11-TB1-SS-1	SO	5/3/2013				X	X
	AOC11-TB1-S-1	SO	5/3/2013			X	X	X
AOC11-TB2	AOC11-TB2-SS-1	SO	5/1/2013				X	X
	AOC11-TB2-S-1	SO	5/1/2013			X	X	X
AOC11-TB3	AOC11-TB3-SS-1	SO	5/3/2013				X	X
	AOC11-TB3-S-1	SO	5/3/2013			X	X	X
	MW-DUP-S-1	SO	5/3/2013	D	AOC11-TB3-S-1	X	X	X
AMSF-MW-20	MW-20-S-1	SO	4/29/2013			X		X
	MW-20-S-2	SO	4/29/2013			X		
AMSF-MW-21	MW-21-S-1	SO	4/17/2013			X		X
AMSF-MW-22	MW-22-S-1	SO	4/22/2013			X		
AMSF-MW-23	MW-23-S-1	SO	4/24/2013			X		
AMSF-MW-25	MW-25-S-1	SO	4/23/2013			X	X	
	MW-25-S-2	SO	4/23/2013			X	X	
AMSF-MW-26	MW-26-S-1	SO	5/1/2013			X		
	MW-27-S-1	SO	5/7/2013			X	X	X



Table D1
Summary of Samples Analyzed for TICs
Remedial Investigation, Former Alliance Metal Stamping & Fabrication Facility Site (BCP Site #828101)
12 Pixley Industrial Parkway, Gates, New York

Sample Location	Sample Identification	Sample Matrix	Sample Date	Sample Type	Parent Sample	Analysis Completed		Detection of TICs*
						TCL VOCs plus TICs by EPA Method 8260B	TCL SVOCs plus TICs by EPA Method 8270C	
AMSF-MW-28	MW-28-S-1	SO	5/1/2013			X	X	X
AMSF-MW-29	MW-29-S-1	SO	5/16/2013	MS/MSD		X	X	
AMSF-MW-30	MW-30-S-1	SO	5/14/2013			X	X	
	MW-30-S-2	SO	5/14/2013			X		
AMSF-MW-32	AMSF-OU1-TB/MW-1	SO	4/9/2014			X		
AMSF-MW-33	AMSF-OU1-TB/MW-2	SO	4/7/2014			X		
	AMSF-OU1-DUP	SO	4/7/2014	D	AMSF-OU1-TB/MW-2	X		
QA/QC	AMSF-TB-06182013	AQ	6/18/2013	TB		X		
QA/QC	AMSF-TB-06202013	AQ	6/20/2013	TB		X		
QA/QC	Equipment Blank	AQ	6/20/2013	EB		X	X	
QA/QC	AMSF-EB-050813	AQ	5/8/2013	EB		X	X	
QA/QC	AMSF-TB-050813	AQ	5/8/2013	TB		X		
QA/QC	AMSF-TB-051413	AQ	5/14/2013	TB		X		
QA/QC	AMSF-TRIPBLANK	AQ	4/7/2014	TB		X		
QA/QC	AMSF-RINSEBLANK	AQ	4/11/2014	EB		X		
QA/QC	AMSF-TripBlank-051214	AQ	5/12/2014	TB		X		
QA/QC	AMSF-TRIPBLANK1	AQ	6/26/2015	TB		X		
QA/QC	AMSF-TRIPBLANK2	AQ	6/26/2015	TB		X		
QA/QC	AMSF-EQIPMENTBLANK-063015	AQ	6/30/2015	EB		X		
QA/QC	AMSF-TRIPBLANK	AQ	8/18/2015	TB		X		
QA/QC	AMSF-Rinse Blank-W-082015	AQ	8/20/2015	EB		X		

Notes:

- See the copies of laboratory analysis report pages presenting results for TIC analyses which follow this table.

EB

Equipment Blank

EPA

United States Environmental Protection Agency

GW

Groundwater

MS/MSD

Matrix Spike/Matrix Spike Duplicate

QA/QC

Quality Assurance/Quality Control

SO

Soil

SVOCs

Semi-Volatile Organic Compounds

TB

Trip Blank

TCL

Target Compound List

TICs

Tentatively Identified Compounds

VOCs

Volatile Organic Compounds

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB-82914

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-82914
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1275.D
Level: (TRACE or LOW/MED) LOW Date Received: _____
% Moisture: not dec. Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB-82922

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-82922
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1351.D
Level: (TRACE or LOW/MED) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 09/01/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

MB-82932

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: MB-82932
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1392.D
Level: (TRACE or LOW/MED) LOW Date Received: _____
% Moisture: not dec. _____ Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-1S-W-081
815

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-01A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1284.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-7-W-0818
15

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-02A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1285.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. _____ Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-9S-W-081
815

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-03A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1352.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. _____ Date Analyzed: 09/01/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-13S-W-08
1815

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-04A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1286.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-13S-W-08
1815DL

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-04ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1354.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/01/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 10.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-16I-W-08
1815

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-05A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1287.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. _____ Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-16I-W-08
1815DL

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-05ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1355.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/01/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-20-W-081
915

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-06A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1288.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-20-W-081
915DL

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-06ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1396.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-21-W-081
915

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-07A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1393.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-22-W-081
915

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-08A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1290.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. _____ Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-23-W-081
915

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-09A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1291.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-29-W-081
915

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-10A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1292.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-31-W-081
915

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-11A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1394.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-32-W-081
915

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-12A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1293.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. _____ Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-32-W-081
915DL

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-12ADL
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1397.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 5.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-33-W-081
815

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-13A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1353.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/01/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 20.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-34-W-081
915

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-14A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1398.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. _____ Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-MW-26-W-082
015

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-15A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1401.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. _____ Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-RW-2-W-0820
15

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-16A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1403.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 4.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-RW-3-W-0820
15

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-17A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1402.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-DUP-W-08191
5

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-18A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1395.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. _____ Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-RINSEBLANK-
W-082015

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-19A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1400.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 09/02/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
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¹EPA-designated Registry Number.

1J - FORM I VOA-TIC
VOLATILE ORGANICS ANALYSIS DATA SHEET
TENTATIVELY IDENTIFIED COMPOUNDS

CLIENT SAMPLE NO.

AMSF-TRIPBLANK

Lab Name: EUROFINS SPECTRUM ANALYTICAL, INC. Contract: _____
Lab Code: ESAI-RI Case No.: P1291 Mod. Ref No.: _____ SDG No.: SP1291
Matrix: (SOIL/SED/WATER) WATER Lab Sample ID: P1291-20A
Sample wt/vol: 5.00 (g/mL) ML Lab File ID: V8E1283.D
Level: (TRACE or LOW/MED) LOW Date Received: 08/21/2015
% Moisture: not dec. Date Analyzed: 08/28/2015
GC Column: DB-624 ID: 0.25 (mm) Dilution Factor: 1.0
Soil Extract Volume: _____ (uL) Soil Aliquot Volume: _____ (uL)
CONCENTRATION UNITS: (ug/L or ug/Kg) UG/L Purge Volume: 5.0 (mL)

01	CAS NUMBER	COMPOUND NAME	RT	EST. CONC.	Q
		Unknown	2.069	20	J

¹EPA-designated Registry Number.