TRC

PROCESS RESIDUE SAMPLING & ANALYSIS REPORT

Mid-Connecticut Waste Processing Facility

Prepared for

Connecticut Resources Recovery Authority
Hartford, Connecticut

June 2006

PROCESS RESIDUE SAMPLING & ANALYSIS PLAN

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1.0 INTRODUCTION

The Connecticut Resources Recovery Authority (CRRA) owns and operates a refuse-derived fuel (RDF) trash-to-energy facility located at 300 Maxim Road in Hartford, Connecticut. This facility, known as the Mid-Connecticut Waste Processing Facility (WPF), accepts municipal solid waste from seventy Connecticut towns, processes the waste and combusts the RDF for the purpose of generating electricity. Prior to combustion of the RDF, the recyclables (such as metal and glass) and non-combustibles (e.g., grit) are separated from the waste. The non-combustible, non-recyclable materials (primarily grit) are referred to as the front-end process residue. This process residue is deposited into rolloff containers prior to being trucked to the Hartford Landfill for disposal. With the scheduled closure of the Hartford Landfill, CRRA is exploring other options for the future disposal of this material.

A sampling and analysis program was developed to characterize the front-end process residue being generated at the WPF to determine if the material exhibits the toxicity characteristic of hazardous waste pursuant to 40 CFR 261.24 and RCSA 22a-449(c)-101(a). The sampling program was designed to be consistent with the guidance set forth by the U.S. Environmental Protection Agency (EPA) for sampling and analysis in accordance with the EPA's "Test Methods for Evaluating Solid Waste" (SW-846). A sampling program was presented in the April 2006 document entitled "Process Residue Sampling & Analysis Plan", prepared by TRC. A copy of the plan is presented in Appendix A. Sampling of the front-end process residue was conducted in accordance with the sampling plan from May 1, 2006 through May 18, 2006.

The following sections document the front-end process residue sampling procedures and the analytical results of the sampling. Also presented are the results of a statistical analysis of the data in accordance with the SW-486 that will support CRRA in the evaluation of future disposal options for the front-end process residue.

2.0 FRONT-END PROCESS RESIDUE SAMPLING PROCEDURES

As indicated above, sampling of the front-end process residue occurred over the period between May 1, 2006 and May 18, 2006. In order to evaluate the toxicity characteristics of the front-end process residue generated at the WPF, sampling was conducted over an eight-hour period on 14 separate days. This allowed for the collection and analysis of 28 grab samples for

toxicity characteristic leaching procedure (TCLP) volatile organic compound (VOC) analysis only and 14 daily composite samples for the analysis of the following parameters:

- TCLP VOCs via Method 8260B;
- TCLP Semivolatile Organic Compounds (SVOCs) via Method 8270C;
- TCLP Pesticides/Herbicides via Methods 8081A / 8151A; and
- RCRA 8 Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) via Methods 6010B and 7471A (total metals and TCLP).

Each daily composite sample was comprised of eight, one-hour composites collected in accordance with the procedures outlined in subsequent sections of this document. All process residue samples were collected from the conveyor belt that delivers the front-end process residue to the rolloff container, in which it is contained prior to its disposal at the landfill.

The following subsections outline the procedures followed for the collection of the VOC grab samples and the daily composite samples. Also included is information regarding the measures in place throughout the course of the sampling program to ensure the collection of representative samples and proper handling of those samples, as well information on preparation of the samples by the laboratory.

2.1 Collection of One-Hour Composite Samples and TCLP VOC Grab Samples

Each one-hour composite sample consisted of grab samples collected from the front-end process residue conveyor belt at ten-minute intervals, resulting in a total of six grab samples collected per hour. Each grab sample was collected by swiping the head of a shovel across the width of the conveyor belt at the prescribed ten-minute interval. This grab sample, along with the five subsequent grab samples in any given hourly event, was contained in a clean, five-gallon plastic bucket. Each swipe was conducted in a consistent manner to ensure the collection of approximately the same amount of material within each grab sample (assuming a consistent layering of material on the conveyor belt). To prevent extraneous materials from being deposited in the bucket between samples and to maintain the moisture content of the samples, a lid was placed on the bucket between swipes, and after the final grab sample in any given hour was collected. A separate bucket was used for each hourly composite, resulting in a total of eight buckets of hourly composite samples at the end of each day of sampling. Each bucket was labeled with the time of collection, thereby defining the hourly composite contained within.

In order to obtain representative samples to undergo the TCLP VOC analysis, two grab samples were collected per day from the conveyor belt that were not subjected to

homogenization, thereby minimizing the potential for volatilization. One grab sample was collected during the first four hours and a second was collected during the second four hours of each eight-hour work shift. A random number generator was used to determine the ten-minute grab interval during which the TCLP VOC sample was collected (a table outlining the random grab intervals is provided as Appendix B). Subsequent to swiping the shovel across the conveyor belt, but prior to deposition of the sample into the designated five-gallon bucket for subsequent compositing (as described above), an aliquot of the material was collected for TCLP VOC analysis. As designated in the work plan prepared for this sampling, the original intent was to sample the front-end process residue in accordance with the Connecticut Department of Environmental Protection's (CTDEP's) "Guidance for Collecting and Preserving Soil and Sediment Samples for Laboratory Determinants of Volatile Organic Compounds", effective March 1, 2006. This guidance calls for the collection of TCLP VOC samples using the En-Core® sampling device (or equivalent) and freezing or analysis of the sample within 48 hours of collection. As the particle size, in combination with the heterogeneous nature of the materials being sampled prevented the use of the En-Core® sampling device, the TCLP VOC sample aliquots were collected in two-ounce jars with no headspace.

Each TCLP VOC grab sample was assigned a unique identifier in accordance with the following:

Sample matrix-VOC #- sample date (e.g., PR-VOC1-050106).

where:

- "PR" stands for "process residue";
- "VOC1" designates that the sample is a VOC grab sample and the "1" indicates that it is the first VOC grab sample collected on any given day; and
- "050106" stands for the sample date.

All front-end process residue samples were placed on ice in a cooler immediately following collection to preserve their integrity by minimizing the potential for volatile loss.

The overall characteristics of the materials collected over the course of each day were briefly described on sample log sheets, copies of which are contained in Appendix C.

2.2 Collection of Daily Composite Samples

Upon collection of the final hourly composite sample, the sampler transported the eight hourly composite sample buckets to CRRA's vacant Murphy Road facility (referred to as the

Collins Building). Compositing of the samples took place at this location. Each day, a new piece of polyethylene sheeting was spread over the floor in the area where the compositing was conducted. The contents of each bucket were placed into a pile on the poly sheeting for mixing for a ten-minute period using a shovel. Subsequent to mixing, the material was distributed across the poly sheeting to form a square of uniform thickness. The resultant square was then divided into quarters. One shovel swipe of the process residue from each of the four quadrants of the square, mixed together, constituted the daily composite sample. The front-end process residue aliquots obtained from the quadrants were placed on a separate piece of poly sheeting for mixing prior to filling the appropriate laboratory-supplied sampling containers.

Each daily composite sample was assigned a unique identifier in accordance with the following:

Sample matrix-composite #-sample date (e.g., PR-1-050106);

where:

- "PR" stands for "process residue";
- "1" stands for the daily composite number (consecutively 1 through 14); and
- "050106" stands for the sample date.

One composite sample was collected for submission to a Connecticut-certified laboratory for preparation and analysis and an additional daily composite was retained as a spare in a sample refrigerator at TRC's Windsor, Connecticut office. The additional sample aliquots were labeled in the same manner as the samples being submitted to the laboratory, with the exception that the word "spare" was added to the end of the sample designation. These samples remained at TRC for the duration of the sampling program and through receipt of all analytical data. Only one spare sample was submitted for analysis, as discussed further in Section 3.1.

All front-end process residue remaining after the collection of each daily composite was placed into a roll-off container provided by CRRA for subsequent disposal at the Hartford Landfill.

2.3 Collection of Quality Assurance / Quality Control (QA/QC) Samples

Additional samples, as described below, were collected throughout the course of the sampling program to address both field and laboratory QA/QC.

In order to determine the effectiveness of the decontamination of the front-end process residue sampling equipment (as described in more detail in the next section), one field blank

sample was collected and analyzed for the same parameters as the daily composites. The field blank (designated "FB051506") was collected prior to collection of the first grab sample on May 15, 2006. The blank was collected by pouring laboratory-supplied water over the sampling equipment used in the collection of the front-end process residue samples. This rinsate water was collected into appropriate laboratory-supplied sample containers.

In order to assess laboratory reproducibility, three duplicate samples (two related to the VOC grab samples and one associated with the daily composite sampling) were collected over the course of the sampling program. The number of duplicates collected was based on a frequency of one per 20 samples. The duplicate samples were collected by alternately filling the sample and duplicate containers. The samples were submitted to the laboratory as "blind duplicates" with the following designations in accordance with the sample nomenclature outlined in the sampling plan: PR-VOC3-051006, PR-VOC4-051606 and PR-15-051006. These samples were subjected to the same suite of analyses as the respective original samples.

Triple the volume of sample was submitted to the laboratory once during the sampling program in order to provide the laboratory with the amount necessary for a matrix spike (MS) and matrix spike duplicate (MSD). The MS/MSD is a laboratory QA/QC measure that allows for the materials being sampled to be spiked with compounds of known concentrations. Upon analysis of the spiked aliquots, the laboratory can determine the degree to which compounds are recovered.

2.4 Equipment Decontamination

As the ultimate goal of the sampling program was to assess the characteristics of the front-end process residue over a 14-day period, the equipment used for sampling (i.e., the shovel and buckets) was decontaminated on a daily basis. Decontamination of the sampling equipment took place in the same building designated for compositing following each day's sampling activities. Decontamination was conducted in accordance with the following procedures:

1. Wash with low phosphate detergent (Liquinox) in tap water;
2. Rinse with tap water;
3. Rinse with distilled water;
4. Rinse with 10% ultra pure nitric acid;
5. Rinse with distilled water;
6. Rinse with pesticide-grade solvent (methanol);
7. Air dry – on clean polyethylene sheeting;
8. Rinse with distilled water;

9. Air dry – on clean polyethylene sheeting (never wrap clean equipment in polyethylene);
10. Wrap in aluminum foil shiny side out (if not being used immediately).

Spent acids and solvents were contained in an appropriately labeled storage container and were disposed of off-site by TRC. Expendable supplies (e.g., poly sheeting and sampling gloves) were disposed of in the trash.

2.5 Sample Handling

Appropriate, laboratory-supplied sample containers were used to minimize potential chemical alteration between the collection of samples in the field and the receipt of samples at the laboratory. The pre-cleaned sample bottles were prepared and shipped to the field by York Analytical Laboratories, Inc., of Stratford, Connecticut. To protect the samples from cross-contamination, the sampler wore disposable gloves during sample collection activities.

As indicated previously, immediately following collection, the sample bottles were placed on ice in a shipping cooler to ensure the cooling and proper maintenance of the sample temperature (4 degrees Celsius). As necessary, additional packing was added to the sample cooler to prevent sample container breakage during transit to TRC's Windsor, Connecticut office. Once at TRC, the samples were placed in a sample refrigerator under appropriate chain-of-custody procedures (as outlined in detail in the sampling plan) to await pick-up by the laboratory the following day. Samples were picked up by the laboratory on a daily basis throughout the sampling program (Saturdays withstanding – the samples collected on Friday were picked up by the laboratory's courier on Monday).

2.6 Sample Preparation

In accordance with Method 1311 as outlined in SW-846, the preparation of the grab and composite samples at the laboratory included particle reduction to 3/8-inch, as determined by passing the material through a sieve with 3/8-inch openings. The material that passed the sieve was put aside and that which did not pass through and which was crushable underwent mechanical reduction.

Based on the laboratory's determination of the pH of the samples, each sample was subjected to TCLP extraction using Fluid #1, in accordance with EPA Method 1311. Subsequent to the extraction, the leachate was analyzed for the following parameters:

- TCLP VOCs via Method 8260B;
- TCLP SVOCs via Method 8270C;
- TCLP Pesticides / Herbicides via Methods 8081A / 8151A; and
- RCRA 8 Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) via Methods 6010B and 7471A.

An additional daily composite sample aliquot was subjected to total RCRA 8 metals analysis.

3.0 ANALYTICAL RESULTS & DATA ANALYSIS

3.1 Analytical Results

The following is an overview of the analytical results obtained over the course of the front-end process residue sampling program. Tables 3-1 and 3-2 present "hits only" summaries related to the grab samples collected twice each day for TCLP VOC analysis and the daily composite samples, respectively. Copies of the analytical data sheets provided by the laboratory are contained in Appendix D. Also presented in the tables are the TCLP regulatory limits as outlined in Table 1 of 40 CFR§261.24, and as incorporated by reference in RCSA 22a-449(c)-101(a). These are the criteria to which the TCLP sample analytical results are compared. Total metals results were evaluated qualitatively.

As indicated in Table 3-1, several compounds were detected in one or more of the grab samples collected for TCLP VOC analysis. Namely, benzene, 1,4-dichlorobenzene, chloroform, methyl ethyl ketone, tetrachloroethylene and trichloroethylene were detected. None of the grab samples exhibited concentrations of TCLP VOCs greater than the TCLP regulatory limits.

Table 3-2 presents the results for the daily composite samples. Three of the six compounds detected in the TCLP VOC grab samples (1,4-dichlorobenzene, methyl ethyl ketone and tetrachloroethylene) were also detected in one or more of the daily composite sample aliquots analyzed for TCLP VOCs. As indicated in Table 3-2, none of these reported concentrations exceeded their respective TCLP regulatory limits.

One daily composite sample collected over the course of the fourteen-day sampling program exhibited a detectable concentration of the semi-volatile compound p-cresol. As shown in Table 3-2, p-cresol was detected in sample PR-8-051006 and its duplicate (PR-15-051006). The reported concentrations did not exceed the TCLP regulatory limits. There were no other SVOCs detected at concentrations above the method detection limits in any of the remaining daily composites.

There were no pesticides or herbicides detected above method detection limits in any of the daily composite samples.

Six metals, including arsenic; barium; cadmium; chromium; lead and mercury, were detected in one or more of the daily composite samples analyzed for TCLP metals. As indicated in Table 3-2, there was one exceedance of the TCLP criteria. A lead concentration of 42.7 parts per million (ppm) was reported for daily composite sample PR-3-050306. Upon receipt of this result and review of the total lead result reported for this sample, which was not of a magnitude to indicate that an elevated leachable lead concentration might be expected, TRC contacted the laboratory. TRC requested that the laboratory personnel review the data to ensure that an analytical or calculation error had not been made. Upon confirmation from the laboratory that there had been no such errors made, the spare daily composite sample for that date (identified as PR-3-050306SPARE) was submitted to the laboratory for total and TCLP lead analyses. The result of the analysis of the spare sample for TCLP lead was two orders of magnitude less than that reported for the original sample, while the total lead concentration reported for the spare sample was similar to that reported originally. As laboratory error was ruled out, it is likely that the differences in the results can be attributed to the inherent heterogeneity of the samples. There is a likelihood, in this particular case, that a piece of metal or other waste containing a high level of lead (perhaps a battery thrown into the household waste stream) was responsible for the elevated TCLP lead concentration exhibited by this one daily composite sample.

As indicated above, an aliquot of each daily composite was also analyzed for total metals. The results of this analysis, as summarized in Table 3-2, were intended to supplement the TCLP metals data, as there are no criteria to which these results can be directly compared as part of this program. As shown in the table, several metals, including arsenic; barium; cadmium; chromium; lead, selenium, silver and mercury, were detected in one or more of the daily composite samples.

No constituents were detected in the field blank sample. In general, the constituents detected in the blind duplicate sample were comparable to the original sample in both the types of constituents detected and the levels at which they were detected.

3.2 Statistical Analysis of Data

As an exceedance of the TCLP limit for lead was detected, a limited statistical evaluation of the TCLP lead results was conducted in accordance with the statistics-based data evaluation process outlined in EPA's "Test Methods for Evaluating Solid Waste" (SW-846).

Initially, the TCLP lead data were evaluated to determine if they are normally distributed. As indicated in SW-846, a simple way of determining if a population is normally distributed is by comparing the mean ($\bar{x}$) of the sample with the variance of the sample (s^2). In a normally distributed population, the mean would be expected to be greater than the variance of the sample, assuming that the number of samples is reasonably large. The normality analysis was conducted following SW-846's guidance for systematic random sampling, using all of the TCLP lead data with the exception of the spare sample analysis data and the blind duplicate data. As indicated in Table 3-3, the entire data set is not normally distributed (the variance, 128.38, exceeds the mean, 3.35). This is obviously due to the 42.7 mg/L sample result, which is an order of magnitude greater than the next highest sample result and two orders of magnitude greater than the majority of the results.

The next step in the statistical analysis was to evaluate whether the 42.7 mg/L result could be considered a statistical outlier. This evaluation was conducted using Dixon's Extreme Value Test, as described in Guidance for Data Quality Assessment, Practical Methods for Data Analysis, EPA QA/G-9, QA00 Update, EPA/600/R-96/084, July 2000. Dixon's Extreme Value test can be used to test for statistical outliers when the sample size is less than or equal to 25 and is most appropriate when only one outlier is suspected in the data. This test assumes that the data without the suspected outlier are normally distributed, so the first step in the analysis was an evaluation of the normality of the data set without the suspected outlier. As indicated in Table 3-3, when the lead TCLP data without the suspected outlier value are analyzed, the mean (0.32) is greater than the variance (0.084), so the data are normally distributed. A separate analysis of whether an appropriate number of samples was collected (as detailed in Appendix E) confirms that a sufficient number of samples was collected.

The Dixon's Test requires that the data be ordered from the smallest to the largest (i.e., $X_{(1)}, X_{(2)},\ldots X_{(n)}$). Where the suspected outlier is much larger than the rest of the data, the following calculation is made:

Where X_n is a potential outlier, compute the test statistic C, where, for $14 \leq n \leq 25$:

$$C = \frac{X_{(n)} - X_{(n-2)}}{X_{(n)} - X_{(3)}}$$

If C exceeds the critical value from Table A-3 of Appendix A of the EPA document referenced above (see Appendix E) for the specified significance level α, $X_{(n)}$ is an outlier.

For the complete TCLP lead data set, the Dixon's Test calculation is as follows:

$$C = \frac{42.7 - 0.677}{42.7 - 0.134}$$

and $C = 0.987$

Based on a sample size of 14 and the associated α values presented in Table A-3, C is greater than α for all levels of significance. Therefore, it can be concluded that the 42.7 mg/L lead TCLP level is a statistical outlier. Per the EPA guidance document referenced above, the outlier may be discarded from the data analysis if the decision is based on scientific reasoning, as well as statistical analysis. In this case, the samples being analyzed are collected from a heterogeneous waste stream that can include household hazardous wastes. Therefore, it is likely that the sample that exhibited the elevated lead TCLP level happened to contain a waste that had a high lead content and that is not representative of the typical municipal solid waste stream.

To further evaluate this conclusion, a test for normality was conducted on the TCLP data set with the 42.7 mg/L TCLP lead value replaced by the 0.493 mg/L TCLP lead level detected in the spare sample (in essence a duplicate sample collected from the same daily composite as the original sample). This analysis is presented in Table 3-3 and indicates that, when the spare sample is used to represent the daily composite collected on May 3, 2006, the entire data set is normally distributed (the mean, 0.36, is greater than the variance, 0.077). A separate analysis of whether an appropriate number of samples was collected (as detailed in Appendix E) confirms that a sufficient number of samples was collected.

Based on the demonstration that the 42.7 mg/L TCLP lead level is a statistical outlier and the normality of the TCLP lead data sets with the outlier value eliminated or replaced by the spare sample analysis result, the TCLP lead data can be evaluated with respect to compliance with the regulatory TCLP level of 5 mg/L. For each of these data sets (i.e., with the outlier value eliminated or replaced by the spare sample analysis result), all values are less than the TCLP limit; therefore it can be simply be concluded that the data comply with the TCLP limit without any further analysis. Appendix E also includes an analysis of the 90% upper confidence interval for each data set that confirms this conclusion.

3.3 Conclusions

Daily composite samples and VOC grab samples of front-end process residue were collected for TCLP analysis over a 14-day period. No exceedances of TCLP limits were

detected, with the exception of a single daily composite sample collected on May 3, 2006. Statistical analyses confirm that this result is a statistical outlier and, as such, it was eliminated from the data set. Statistical analysis of the remaining TCLP lead sample results indicate that the results are normally distributed, with lead levels that are well below the TCLP lead limit. This was also confirmed by the analysis of an archived duplicate (spare) sample collected from the same daily composite as the sample that exhibited the elevated TCLP lead level. This duplicate sample exhibited a TCLP lead level well below the TCLP lead limit and formed a normally distributed TCLP lead data set when combined with the other TCLP lead data. Based on the sample results, the front-end process residue is not characteristically hazardous based on the toxicity characteristic. The detection of an outlier lead value in one sample is not surprising given that household hazardous wastes are an allowable component of municipal solid waste (MSW) and, occasionally, the presence of such a waste could result in an outlier value when conducting chemical analyses of MSW. The low TCLP lead result for the duplicate sample and the TCLP lead results for all the other composite samples confirms that the presence of such wastes is not pervasive throughout the overall MSW waste stream.

TABLES

Table 3-1
Front-End Process Residue Waste Sample Analytical Results - VOC Grabs
Mid-Connecticut Waste Processing Facility
Hartford, Connecticut

Sample Name:	PR-VOC1-050106	PR-VOC2-050106	PR-VOC1-050206	PR-VOC2-050206	PR-VOC1-050306	PR-VOC2-050306	PR-VOC1-050406	PR-VOC2-050406	PR-VOC1-050506	PR-VOC2-050506	PR-VOC1-050806	PR-VOC2-050806	PR-VOC1-050906	PR-VOC2-050906	PR-VOC1-051006	TCLP
Sample Date:	05/01/06	05/01/06	05/02/06	05/02/06	05/03/06	05/03/06	05/04/06	05/04/06	05/05/06	05/05/06	05/08/06	05/08/06	05/09/06	05/09/06	05/10/06	Regulatory Limits
Notes:																
TCLP Volatiles mg/L Method SW846-1311/8260																
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5
1,4-Dichlorobenzene	ND	0.007	ND	0.008	0.016	0.008	0.01	ND	ND	0.005	ND	ND	ND	ND	0.009	7.5
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6
Methyl Ethyl Ketone	ND	0.12	ND	0.063	0.31	0.064	0.2	0.47	0.12	0.24	4.5	3.7	2.1	4.9	0.29	200
Tetrachloroethylene	0.007	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.5

Sample Name:	PR-VOC2-051006	PR-VOC3-051006	PR-VOC1-051106	PR-VOC2-051106	PR-VOC1-051206	PR-VOC2-051206	PR-VOC1-051506	PR-VOC2-051506	PR-VOC1-051606	PR-VOC4-051606	PR-VOC2-051606	PR-VOC1-051706	PR-VOC2-051706	PR-VOC1-051806	PR-VOC2-051806	TCLP
Sample Date:	05/10/06	05/10/06	05/11/06	05/11/06	05/12/06	05/12/06	05/15/06	05/15/06	05/16/06	05/16/06	05/16/06	05/17/06	05/17/06	05/18/06	05/18/06	Regulatory Limits
Notes:		Duplicate of PR-VOC2-051006								Duplicate of PR-VOC1-051606						
TCLP Volatiles mg/L Method SW846-1311/8260																
Benzene	ND	ND	ND	ND	ND	ND	ND	ND	0.014	ND	ND	ND	ND	ND	ND	0.5
1,4-Dichlorobenzene	0.049	0.021	ND	0.013	ND	0.007	ND	0.009	ND	ND	ND	0.007	0.021	0.007	ND	7.5
Chloroform	ND	ND	ND	ND	ND	ND	ND	ND	0.007	ND	ND	ND	ND	ND	ND	6
Methyl Ethyl Ketone	0.076	0.46	6.9	0.28	3.9	0.43	0.089	0.26	0.32	0.34	ND	0.12	0.27	0.33	0.22	200
Tetrachloroethylene	0.008	0.015	ND	ND	ND	ND	ND	ND	ND	ND	0.006	0.012	ND	ND	ND	0.7
Trichloroethylene	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND		ND	ND	ND	ND	0.5

Notes:
ND - Not detected above method detection limits (all confirmed to be less than the respective regulatory criteria)

Table 3-2
Front-End Process Residue Sample Analytical Results - Daily Composites
Mid-Connecticut Waste Processing Facility
Hartford, Connecticut

Sample Name:	PR-1-050106	PR-2-050206	PR-3-050306	PR-3-050306	PR-4-050406	PR-5-050506	PR-6-050806	PR-7-050906	PR-8-051006	PR-15-051006	PR-9-051106	PR-10-051206	PR-11-051506	PR-12-051606	PR-13-051706	PR-14-051806	FB051506	TCLP
Sample Date:	05/01/06	05/02/06	05/03/06	05/03/06	05/04/06	05/05/06	05/08/06	05/09/06	05/10/06	05/10/06	05/11/06	05/12/06	05/15/06	05/16/06	05/17/06	05/18/06	05/15/06	Regulatory Limits
Notes:				SPARE SAMPLE						Dupl. of PR-8-021006								
TCLP Volatiles (mg/L)																		
Method SW846-1311/8260				NA														
1,4-Dichlorobenzene	0.023	0.017	ND		0.013	0.04	0.008	0.014	0.037	0.055	ND	ND	0.012	0.02	0.014	0.019	ND	7.5
Methyl Ethyl Ketone	1	ND	0.12		ND	0.2	0.32	0.26	0.24	0.16	0.7	0.77	0.13	0.007	0.52	0.46	ND	200
Tetrachloroethylene	ND	ND	0.006		0.32	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.7
TCLP Base/Neutral/Acids (mg/L)																		
Method SW846-1311/8270C				NA														
p-Cresol	ND	ND	ND		ND	ND	ND	ND	0.013	0.024	ND	ND	ND	ND	ND	ND	ND	200
Cresol (Total)	ND	ND	ND		ND	ND	ND	ND	0.013	0.024	ND	ND	ND	ND	ND	ND	ND	200
TCLP Pesticides (mg/L)																		
Method SW846-3510C/8081	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
TCLP Herbicides (mg/L)																		
Method SW-846/8151	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	--
TCLP RCRA Metals (mg/L)																		
SW846-1311/6010 (7470 for Hg)																		
Arsenic	ND	ND	ND	NA	0.02	0.017	0.012	0.02	0.033	0.034	0.014	0.025	0.021	0.195	ND	ND	ND	5
Barium	0.771	0.46	0.669	NA	0.45	0.427	0.234	0.326	0.372	0.383	0.38	0.381	0.344	0.273	0.438	0.367	ND	100
Cadmium	0.005	0.005	0.011	NA	0.005	ND	ND	ND	ND	0.006	0.006	ND	ND	ND	ND	0.006	ND	1
Chromium	0.017	0.044	ND	NA	0.042	0.032	0.024	0.033	0.037	0.055	0.042	0.054	0.023	0.016	0.038	0.12	ND	5
Lead	1.12	0.254	42.7	0.493	0.122	0.427	0.179	0.134	0.354	0.554	0.168	0.176	0.134	0.094	0.292	0.677	ND	5
Mercury	0.0008	0.0005	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0012	ND	0.2
Total RCRA Metals (mg/kg)																		
Method SW846																		
Arsenic	2.06	1	3.35	NA	1.81	2.57	1.36	2.07	7.45	5.11	1.36	1.43	1.14	4.38	ND	3.38	ND	--
Barium	81.9	89.5	70.9	NA	64	114	19.5	57.1	52.8	71.3	39	68.9	39	82.3	36.5	44.2	ND	--
Cadmium	0.65	ND	ND	NA	ND	ND	ND	1.13	0.74	ND	ND	ND	ND	ND	ND	1.4	ND	--
Chromium	14.5	10.4	25.7	NA	22.7	17.4	13.6	14.8	25.4	20.1	59.4	8.44	24.1	13.2	11.6	246	ND	--
Lead	420	385	149	133	212	172	304	368	766	480	71.4	755	40.9	95.3	69.4	561	ND	--
Selenium	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.32	ND	ND		--
Silver	ND	ND	ND	NA	ND	ND	1.84	35.3	ND	ND	1.8	1.37	0.75	ND	ND	4.88	ND	--
Mercury	ND	ND	ND	NA	ND	ND	ND	ND	0.15	ND	ND	ND	ND	ND	ND	ND	ND	--
Total Solids	59	57.9	48.2	NA	51.9	63.1	49.9	56.6	45.5	59	46.3	49.6	47.2	52.2	41	51.4		--

Notes:
ND - Not detected above method detection limits (all confirmed to be less than the respective regulatory criteria)
NA - Not Analyzed
Bold - Concentration exceeds regulatory limit

Table 3-3
TCLP Lead Statistical Analyses
Mid-Connecticut Waste Processing Facility
Hartford, Connecticut

	Full Data Normality Analysis		Normality Analyis without Suspected Outlier		Normality Analysis with Spare 05-03-06 Sample		DIXON'S TEST Data sorted from smallest value to largest
Sample ID	TCLP Lead Level (mg/L)		TCLP Lead Level (mg/L)		TCLP Lead Level (mg/L)		TCLP Lead Level (mg/L)
	x	x^2	x	x^2	x	x^2	X_1 to X_n
PR-1-050106	1.12	1.2544	1.12	1.2544	1.12	1.2544	0.094
PR-2-050206	0.254	0.064516	0.254	0.064516	0.254	0.064516	0.122
PR-3-050306	42.7	1823.29			0.493	0.243049	0.134
PR-4-050406	0.122	0.014884	0.122	0.014884	0.122	0.014884	0.134
PR-5-050506	0.427	0.182329	0.427	0.182329	0.427	0.182329	0.168
PR-6-050806	0.179	0.032041	0.179	0.032041	0.179	0.032041	0.176
PR-7-050906	0.134	0.017956	0.134	0.017956	0.134	0.017956	0.179
PR-8-051006	0.354	0.125316	0.354	0.125316	0.354	0.125316	0.254
PR-9-051106	0.168	0.028224	0.168	0.028224	0.168	0.028224	0.292
PR-10-051206	0.176	0.030976	0.176	0.030976	0.176	0.030976	0.354
PR-11-051506	0.134	0.017956	0.134	0.017956	0.134	0.017956	0.427
PR-12-051606	0.094	0.008836	0.094	0.008836	0.094	0.008836	0.677
PR-13-051706	0.292	0.085264	0.292	0.085264	0.292	0.085264	1.12
PR-14-051806	0.677	0.458329	0.677	0.458329	0.677	0.458329	42.7
TOTAL:	46.831	1825.611	4.131	2.321027	4.624	2.564076	
Mean TCLP Lead Concentration (x bar):	3.35		0.32		0.33		
Variance (s^2):	128.38		0.084		0.080		
Standard Deviation (s):	11.33		0.29		0.28		

APPENDIX A

"PROCESS RESIDUE SAMPLING & ANALYSIS PLAN"
TRC, APRIL 2006

PROCESS RESIDUE SAMPLING & ANALYSIS PLAN

Mid-Connecticut Waste Processing Facility

Prepared for

Connecticut Resources Recovery Authority
Hartford, Connecticut

April 2006

TABLE OF CONTENTS

1.0 INTRODUCTION

The Connecticut Resources Recovery Authority (CRRA) owns and operates a refuse-derived fuel (RDF) trash-to-energy facility located at 300 Maxim Road in Hartford, Connecticut. This facility, known as the Mid-Connecticut Waste Processing Facility (WPF), accepts municipal solid waste from seventy Connecticut towns, processes the waste and combusts the RDF for the purpose of generating electricity. Prior to combustion of the RDF, the recyclables (such as metal and glass) and non-combustibles (e.g., grit) are separated from the waste. The non-combustible, non-recyclable materials (primarily grit) are referred to as the front-end process residue. This process residue is deposited into rolloff containers prior to being trucked to the Hartford Landfill for disposal.

This document describes a sampling and analysis program developed to characterize the front-end process residue being generated at the WPF to determine if the material exhibits the toxicity characteristic of hazardous waste pursuant to 40 CFR 261.24 and RCSA 22a-449(c)-101(a). This sampling program was designed to be consistent with the guidance set forth by the U.S. Environmental Protection Agency (EPA) for sampling and analysis in accordance with the EPA's "Test Methods for Evaluating Solid Waste" (SW-846).

Specifically, this plan includes the following:

- Front-end process residue sampling procedures
- Analytical considerations
- Project quality assurance/quality control
- Recordkeeping and reporting

2.0 FRONT-END PROCESS RESIDUE SAMPLING PROCEDURES

In order to evaluate the toxicity characteristics of the front-end process residue generated at the WPF, sampling will be conducted over an 8-hour period on 14 separate days. This will allow for the collection and analysis of 28 grab samples (for toxicity characteristic leaching procedure (TCLP) volatile organic compounds (VOCs) only) and 14 daily composite samples for the parameters specified in Section 3.1. Each daily composite sample will be comprised of 8, one-hour composites collected in accordance with the instructions outlined below. The process residue samples will be collected from the conveyor belt that delivers the process residue to the rolloff container in which it is contained prior to its disposal at the landfill. The following subsections provide instruction for the proper collection of the VOC grab and daily composite samples.

2.1 Collection of One-Hour Composite Samples and VOC Grab Samples

Each one-hour composite sample will consist of grab samples collected from the process residue conveyor belt at ten minute intervals, resulting in a total of 6 grab samples collected per hour. Each grab sample will be collected by swiping a small, flat-headed shovel across the width of the conveyor belt at the prescribed 10-minute interval. This grab sample (along with the five subsequent grab samples in any given hourly event) will be contained in a clean, 5-gallon plastic bucket. In order to ensure the collection of approximately the same amount of material during each grab interval (assuming a consistent layering of material on the conveyor belt), each swipe should be conducted in a consistent manner (i.e., using the end of the head of the flat shovel each time as opposed to alternating between using the end and side of the shovel head). A lid will be placed on the bucket between swipes, as well as after the final grab sample has been collected, to prevent the addition of unwanted materials in the mixture and to maintain the moisture content of the sample. A separate bucket will be used for each hourly composite, resulting in a total of 8 buckets at the end of each day of sampling. Each bucket will be labeled with the time of collection, thereby defining the hourly composite contained within.

Note that two grab samples will be collected per day (one at a ten-minute grab interval chosen randomly within the first four hours of sampling and the other also at a ten-minute grab interval chosen randomly within the second four hours of sampling) for TCLP VOC analysis. Subsequent to swiping the shovel across the conveyor belt, but prior to deposition of the sample into the designated 5-gallon bucket as described above, an aliquot of the material will be collected into an En-Core® sampler in preparation for analysis. Should the particle size, in combination with the heterogeneous nature of the materials being sampled prevent the use of the En-Core® sampling device, the VOC sample aliquots will be collected in two-ounce jars with no headspace.

2.2 Collection of Daily Composite Samples

Upon collection of the final hourly composite sample, the sampler will move the 8 buckets to a location designated by CRRA for compositing purposes. A new piece of polyethylene sheeting will be spread over the floor in the area where the compositing will take place. The contents of each bucket will be placed into a pile on the poly sheeting for mixing using a shovel. Once the sampler has determined that the contents of the pile have been well

mixed (it is assumed that this will take approximately 10 minutes of mixing and turning the material with the shovel), the material will be distributed across the poly sheeting to form a square. The material will be spread such that its thickness is uniform across the area of the square. The resulting square will then be divided into quarters. One shovel swipe of the process residue from each of the four quadrants of the square will be taken, mixed together, and will constitute the daily composite sample. The process residue aliquots obtained from the quadrants will be placed on a separate piece of poly sheeting in preparation for filling the appropriate laboratory-supplied sampling containers, as specified in Table 1. One composite sample will be submitted to a Connecticut-certified laboratory for preparation and analysis and an additional daily composite will be retained at the facility (in an area designated by CRRA) as a spare sample until all analytical results have been received. All process residue remaining after the collection of each daily composite will be placed into the rolloff at the end of the conveyor system.

3.0 ANALYTICAL CONSIDERATIONS

3.1 Analytical Parameters

The VOC grab and daily composite sample aliquots collected for submittal to the laboratory will be labeled and handled in accordance with the quality assurance measures discussed in subsequent sections of this plan. Each VOC grab and daily composite will be submitted to a Connecticut-certified laboratory for preparation and analysis. The preparation of the sample at the laboratory will include particle reduction to 3/8-inch, as determined by passing the material through a sieve with 3/8-inch openings. The material that passes the sieve will be put aside and that which does not pass through and which is crushable will undergo mechanical reduction. The particles that cannot be reduced to 3/8-inch or less will be discarded from the sample. Each sample will be subjected to TCLP analysis in accordance with EPA Method 1311 and subsequent analysis of the leachate for the following parameters:

- TCLP VOCs via Method 8260B[1];
- TCLP Semivolatile Organic Compounds (SVOCs) via Method 8270C;
- TCLP Pesticides / Herbicides via Methods 8081A / 8151A; and
- RCRA 8 Metals (arsenic, barium, cadmium, chromium, lead, mercury, selenium and silver) via Methods 6010B and 7471A.

An additional daily composite sample aliquot will be subjected to total RCRA 8 metals analysis. Sample volumes, preservation requirements and holding times are summarized in Table 1.

3.2 Quality Assurance/Quality Control (QA/QC) Samples

Additional samples, as described below, will be collected throughout the course of the sampling program to address both field and laboratory QA/QC.

In order to determine the effectiveness of the decontamination of the process residue sampling equipment (as described in more detail in Section 4.1), one field blank sample will be collected and analyzed for the same parameters as the daily composites. The field blank will be collected prior to collection of the first grab sample on one of the sampling days. The blank will be collected by pouring laboratory-supplied water over the sampling equipment used in the collection of the process residue sample. This rinsate water will be collected into appropriate laboratory-supplied sample containers.

In order to assess laboratory reproducibility, one duplicate sample will be collected over the course of the sampling program. This duplicate will be collected by alternately filling the sample and duplicate containers. This sample will be submitted to the laboratory as a "blind duplicate" and will be subjected to the same full suite of analyses as the original sample.

Triple the volume of sample will be submitted to the laboratory once during the sampling program in order to provide the laboratory with the amount necessary for a matrix spike (MS) and matrix spike duplicate (MSD). The MS/MSD is a laboratory QA/QC measure that allows for the materials being sampled to be spiked with compounds of known concentrations. Upon

[1] VOC samples will be collected in accordance with the Connecticut Department of Environmental Protection's (CTDEP's) "Guidance for Collecting and Preserving Soil and Sediment Samples for Laboratory Determinants of Volatile Organic Compounds", effective March 1, 2006. This guidance calls for the collection of TCLP VOC samples using the En-Core® sampling device (or equivalent). In accordance with the guidance, the sample will be frozen or analyzed within 48 hours of collection. Should the particle size, in combination with the heterogeneous nature of the materials being sampled prevent the use of the En-Core® sampling device, the VOC sample aliquots will be collected in two-ounce jars with no headspace.

analysis of the spiked aliquots, the laboratory can determine the degree to which compounds are recovered.

4.0 PROJECT QUALITY ASSURANCE / QUALITY CONTROL

The following is a summary of the various QA/QC protocols that will be followed throughout the sampling program to ensure the collection of representative samples and to ensure proper handling.

4.1 Equipment Decontamination

As the ultimate goal of the sampling program is to assess the characteristics of the process residue over a 14-day period, the equipment used for sampling (the shovel and buckets) will be decontaminated on a daily basis. Decontamination of the sampling equipment will take place prior to the commencement of the sampling program and at the end of each day. It will be conducted in the same area which CRRA designates for compositing. Decontamination will be conducted in accordance with the following procedures:

1. Wash with low phosphate detergent (e.g., Alconox, Liquinox) in tap water;
2. Rinse with tap water;
3. Rinse with distilled water;
4. Rinse with 10% ultra pure nitric acid;
5. Rinse with distilled water;
6. Rinse with pesticide-grade solvent (acetone, methanol);
7. Air dry – on clean polyethylene sheeting;
8. Rinse with distilled water;
9. Air dry – on clean polyethylene sheeting (never wrap clean equipment in polyethylene);
10. Wrap in aluminum foil shiny side out (if not being used immediately).

Spent acids and solvents will be contained in an appropriately labeled storage container and ultimately disposed of off-site by TRC. Expendable supplies (e.g., poly sheeting and sampling gloves) will be disposed of in the trash.

4.2 Sample Nomenclature & Labeling

The grab samples collected twice daily for VOC analysis will be assigned a unique identifier in accordance with the following:

Sample matrix-VOC #- sample date (e.g., PR-VOC1-040106).

where:

- "PR" stands for "process residue";
- "VOC1" designates that the sample is a VOC grab sample and the "1" indicates that it is the first VOC grab sample collected on any given day; and
- "040106" stands for the sample date.

Each daily composite sample will be assigned a unique identifier in accordance with the following:

Sample matrix-composite #-sample date (e.g., PR-1-040106);

where:

- "PR" stands for "process residue";
- "1" stands for the daily composite number (consecutively 1 through 14); and
- "040106" stands for the sample date.

The sample aliquots collected to remain on-site will be labeled in the same manner as the samples being submitted to the laboratory, with the exception that the word "spare" will be added to the end of the sample designation. The duplicate sample collected as part of this program will be given a daily composite number of 15 within the identification and the additional sample volume collected for the MS/MSD will simply include the designation "MS/MSD" after the sample identification.

The sample labels will also include the sampler's initials, date and time of sample collection, number of containers per parameter (e.g., 1 of 2, etc.), preservation (if any), and requested analyses. Sample labels will be completed for each sample using water-resistant ink. Labels will be wrapped with transparent packing tape to ensure adherence to the sample bottle and to protect against moisture.

4.3 Sample Handling

Appropriate, laboratory-supplied sample containers will be used to minimize potential chemical alteration between the collection of samples in the field and the receipt of samples at the laboratory. The pre-cleaned sample bottles will be prepared and shipped to the field by the

subcontracted analytical laboratory within a sealed shipping cooler. The sampler will wear disposable gloves during sample collection activities to protect the samples from cross-contamination.

Immediately following sample collection, each glass sample container will be placed in an individual bubble-wrap bag to minimize the chance of breakage. In preparation for transport to the laboratory and immediately following collection, the sample bottles will be placed on ice in a shipping cooler. This will ensure the cooling and proper maintenance of the sample temperature (4 degrees Celsius) and will protect them from temperature extremes, light, breakage and water damage. When the cooler is filled, additional absorbent, non-combustible packing material (e.g., vermiculite, bubble wrap) will be added so that the samples will not shift during transit.

Samples will be delivered to the laboratory on a daily basis to comply with best sample management practices and to allow for all sample holding times specified in Table 1 to be met.

Spare samples to be housed at the facility until the analytical results are obtained will be maintained in ice-filled coolers or in a refrigerator.

4.4 Sample Custody and Chain-of-Custody Procedures

The person responsible for conducting the sampling is responsible for the management and custody of the samples until they are transferred in accordance with the procedures described herein.

A chain-of-custody record will accompany each sample from initial sample collection in the field through its documented delivery to the laboratory. One copy of the chain-of-custody will be retained by the sampler upon relinquishing the samples. The chain-of-custody documentation should include: (1) the sample number, date and time of collection; (2) the analyses to be performed; (3) the signature of the sampler; and (4) the signatures of the individuals relinquishing and receiving the samples. TRC will make arrangements to have the samples transported to the laboratory via courier service.

5.0 RECORDKEEPING & REPORTING

5.1 Recordkeeping

Recordkeeping associated with the implementation of this plan includes the documentation of the collection of samples in the field and the maintenance of chain-of-custody records and analytical results received from the laboratory.

The collection of each sample will be logged into a field notebook. A sample field log format is provided in Table 2.

5.2 Reporting

Upon receipt of the analytical results, a report will be generated which outlines the details of the sampling efforts over the duration of the program. Analytical results will be presented and compared to the TCLP regulatory limits as outlined in Table 1 of 40 CFR§261.24, and in RCSA 22a-449(c)-101(a). If exceedances of TCLP limits are detected, a limited statistical evaluation will be conducted in accordance with the statistics-based data evaluation process outlined in EPA's "Test Methods for Evaluating Solid Waste" (SW-846).

TABLE 1
SAMPLE CONTAINER, PRESERVATION, AND HOLDING TIME REQUIREMENTS
Process Residue Sampling
CRRA – Mid-Connecticut Waste Processing Facility

Parameter	Container	Preservation	Holding Time[1]
Volatile Organic Compounds (VOCs)	1-25 g. En-Core (or equivalent) sample cup	Cool 4°C	Freeze or analyze within 48 hours. If frozen, thaw and analyze within 14 days.
Semivolatile Organic Compounds (SVOCs)	1-8 oz. wide-mouth amber glass jar with Teflon-lined cap	Cool, 4°C	Extract within 14 days; analyze within 40 days of extraction.
Pesticides / Herbicides	1-8 oz. wide-mouth amber glass jar with Teflon-lined cap	Cool, 4°C	Extract within 14 days; analyze within 40 days of extraction.
RCRA 8 Metals (Total & TCLP)	1-8 oz. wide-mouth amber glass jar with Teflon-lined cap for each analysis	Cool, 4°C	Mercury – Analyze within 28 days. Other metals – Analyze within 180 days.

Notes:
[1] Holding time begins at the time of sample date collection.

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
		1	1	
		2	1	
		3	1	
		4	1	
		5	1	
		6	1	
		7	2	
		8	2	
		9	2	
		10	2	
		11	2	
		12	2	
		13	3	
		14	3	
		15	3	
		16	3	
		17	3	
		18	3	
		19	4	
		20	4	
		21	4	
		22	4	
		23	4	
		24	4	
		25	5	
		26	5	
		27	5	
		28	5	
		29	5	
		30	5	
		31	6	
		32	6	
		33	6	
		34	6	
		35	6	
		36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
		37	7	
		38	7	
		39	7	
		40	7	
		41	7	
		42	7	
		43	8	
		44	8	
		45	8	
		46	8	
		47	8	
		48	8	

Daily Composite #:_____

Sample ID:_____

Sample Date:_____

Analyses:_____

Date Sent to Lab:_____

APPENDIX B

VOC GRAB SAMPLE INTERVALS

VOC Grab Sample Interval Determination
Process Residue Sampling Program
CRRA – Mid-Connecticut Waste Processing Facility
Hartford, Connecticut
May 2006

Day	Grab 1 (First 4 hours)	Grab 2 (Second 4 hours)
2	2 / 3	4 / 1
3	2 / 2	7 / 3
4	2 / 5	7 / 2
5	1 / 4	7 / 5
6	3 / 1	5 / 2
7	1 / 5	8 / 1
8	1 / 2	7 / 3
9	1 / 2	5 / 2
10	2 / 4	7 / 3
11	1 / 5	8 / 1
12	2 / 2	7 / 5
13	1 / 4	6 / 4
14	3 / 4	7 / 4

Notes: The first number in the sequence represents the hour and the second number represents the ten-minute interval during which the VOC grab samples shall be collected. These values are based on a random number generator.

APPENDIX C

SAMPLE LOGS

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
5/1/06	0920	1	1	Grit (Black) Styrofoam, paper, leaves
	0930	2	1	Sticks trace metal and glass
	0940	3	1	Conveyer change
	0950	4	1	
	1000	5	1	Alot more Styrofoam, paper, plant material
	1010	6	1	
	1020	7	2	
	1030	8	2	Conveyer change
	1040	9	2	
	1050	10	2	
	1100	11	2	
	1110	12	2	
	1120	13	3	
	1130	14	3	
	1140	15	3	
	1150	16	3	
	1200	17	3	
	1210	18	3	
	1220	19	4	
	1230	20	4	
	1240	21	4	
	1250	22	4	
	1300	23	4	
	1310	24	4	
	1320	25	5	
	1330	26	5	
	1340	27	5	
	1350	28	5	
	1400	29	5	
	1410	30	5	
	1420	31	6	
	1430	32	6	
	1440	33	6	
	1450	34	6	
	1500	35	6	
	1510	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
5/1/06	1520	37	7	
	1530	38	7	
	1540	39	7	
	1550	40	7	
	1600	41	7	
	1610	42	7	
	1620	43	8	
	1640	44	8	
	1650	45	8	
	1700	46	8	
	1710	47	8	
	1720	48	8	

Daily Composite #: 1

Sample ID: PR-1-050106

Sample Date: 05/01/06

Analyses: RCRA-8 Metals, TCLP metals, TCLP Pest/Herbs, TCLP SVOCs + VOCs

Date Sent to Lab: 05/02/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/02/06	0800	1	1	Grit, styrophome, plant material (leaves, twigs) paper, trace glass, plastics and metal
	0810	2	1	
	0820	3	1	
	0830	4	1	
	0840	5	1	
	0850	6	1	
	0900	7	2	
	0910	8	2	
	0920	9	2	
	0930	10	2	PR-VOC3-050206 collected
	0940	11	2.	
	0950	12	2	
	1000	13	3	
	1010	14	3	
	1020	15	3	no sample taken Conveyer empty
	1030	16	3	
	1040	17	3	
	1050	18	3	
	1100	19	4	Collect PR-VOC4-050206
	1110	20	4	
	1120	21	4	
	1130	22	4	
	1140	23	4	
	1150	24	4	
	1200	25	5	
	1210	26	5	
	1220	27	5	
	1230	28	5	
	1240	29	5	
	1250	30	5	
	1300	31	6	
	1310	32	6	
	1320	33	6	
	1330	34	6	
	1340	35	6	
	1350	36	6	

Taken 1026

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/02/06	1400	37	7	
	1410	38	7	
	1420	39	7	
	1430	40	7	
	1440	41	7	
	1450	42	7	
	1500	43	8	
	1510	44	8	
	1520	45	8	
	1530	46	8	
	1540	47	8	
	1550	48	8	

Daily Composite #: ~~PR-2-050206~~ 2

Sample ID: PR-2-050206

Sample Date: 05/02/06

Analyses: RCRA-8 Metals, TCLP Pest/Herb, TCLP Metals, TCLP VOCs, SVOCs

Date Sent to Lab: 05/03/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/03/06	0830	1	1	Grit, (Black) paper, plant
	0840	2	1	material (leaves twigs) potatoe,
	0850	3	1	orange peels, styrophone,
	0900	4	1	packing material, trace glass,
	0910	5	1	metal and plastics
	0920	6	1	
	0930	7	2	
	0940	8	2	Collect PR-VOC1-050306
	0950	9	2	
	1000	10	2	
	1010	11	2	
	1020	12	2	
	1030	13	3	
	1040	14	3	
	1050	15	3	
	1100	16	3	
	1110	17	3	
	1120	18	3	
	1130	19	4	
	1140	20	4	
	1150	21	4	
	1200	22	4	
	1210	23	4	
	1220	24	4	
	1230	25	5	
	1240	26	5	
	1250	27	5	
	1300	28	5	
	1310	29	5	
	1320	30	5	
	1330	31	6	
	1340	32	6	
	1350	33	6	
	1400	34	6	
	1410	35	6	
	[redacted]	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/03/06	1430	37	7	
	1440	38	7	
	1450	39	7	Collect PRVOC2-050206
	1500	40	7	
	1510	41	7	
	1520	42	7	
	1530	43	8	
	1540	44	8	
	1550	45	8	
	1600	46	8	
	1610	47	8	
	1620	48	8	

Daily Composite #: 3

Sample ID: PR-3-050206

Sample Date: 05/03/06

Analyses: RCRA-8 Metals, ~~SPLP~~ TCLP Metals, TCLP Pest/Herb, TCLP VOCs + SVOCs

Date Sent to Lab: 05/04/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/04/06	0820	1	1	Grit, styrofoam, plant
	0830	2	1	material (leaves twigs) wood
	0840	3	1	paper, rock glass, plastic, metal
	0850	4	1	No waste on conveyer
	0900	5	1	No waste on conveyer
	0910	6	1	Collect PR-VOC1-050406
	0920	7	2	
	0930	8	2	
	0940	9	2	
	0950	10	2	
	1000	11	2	
	1010	12	2	
	1020	13	3	
	1030	14	3	
	1040	15	3	
	1050	16	3	
	1100	17	3	
	1110	18	3	
	1120	19	4	
	1130	20	4	
	1140	21	4	
	1150	22	4	
	1200	23	4	
	1210	24	4	
	1220	25	5	
	1230	26	5	
	1240	27	5	
	1250	28	5	
	1300	29	5	
	1310	30	5	
	1320	31	6	
	1330	32	6	
	1340	33	6	
	1350	34	6	
	[redacted]	35	6	
	[redacted]	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/04/06	1420	37	7	
	1430	38	7	
	1440	39	7	
	1450	40	7	
	1500	41	7	
	1510	42	7	
	1520	43	8	
	1530	44	8	
	1540	45	8	
	1550	46	8	
	1600	47	8	
	1610	48	8	

Daily Composite #: 4

Sample ID: PR-4-050406

Sample Date: 05/04/06

Analyses: RCRA-8 Metals - TCLP Metals, TCLP Pest/Herb's, TCLP VOCs+SVOCs

Date Sent to Lab: 05/05/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/05/06	0750	1	1	Grit, Plant Material
	0800	2	1	(leaves, twigs, potato,
	0810	3	1	orange slices, Styrofoam,
	0820	4	1	nail, glass, metal,
	0830	5	1	plastic
	0840	6	1	
	0850	7	2	
	0900	8	2	
	0910	9	2	
	0920	10	2	
	0930	11	2	
	0940	12	2	
	0950	13	3	
	1000	14	3	
	1010	15	3	
	1020	16	3	
	1030	17	3	
	1040	18	3	
	1050	19	4	
	1100	20	4	
	1110	21	4	
	1120	22	4	
	1130	23	4	
	1140	24	4	
	1150	25	5	
	1200	26	5	
	1210	27	5	
	1220	28	5	
	1230	29	5	
	1240	30	5	
	1250	31	6	
	1300	32	6	
	1310	33	6	
	1320	34	6	
	1330	35	6	
	1340	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/05/06	1350	37	7	
	1400	38	7	
	1410	39	7	
	1420	40	7	
	1430	41	7	
	1440	42	7	
	1450	43	8	
	1500	44	8	
	1510	45	8	
	1520	46	8	
	1530	47	8	
	1540	48	8	

Daily Composite #: 5

Sample ID: PR-5-050506

Sample Date: 05/05/06

Analyses: RCRA-8 Metals, TCLP Metals, TCLP Pest/Herb, TCLP VOCs SVOCs

Date Sent to Lab: 05/08/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/03/06	0810	1	1	Grit, Paper, Plant material (leaves, twigs), nuts styrofoam, foam, Plastic Metal, glass.
	0820	2	1	
	0830	3	1	
	0840	4	1	
	0850	5	1	
	0900	6	1	
	0910	7	2	
	0920	8	2	
	0930	9	2	
	0940	10	2	
	0950	11	2	
	~~09~~1000	12	2	
	1010	13	3	
	1020	14	3	
	1030	15	3	
	1040	16	3	
	1050	17	3	
	1100	18	3	
	1110	19	4	
	1120	20	4	
	1130	21	4	
	1140	22	4	
	1150	23	4	
	1200	24	4	
	1210	25	5	
	1220	26	5	
	1230	27	5	
	1240	28	5	
	1250	29	5	
	1300	30	5	
	1310	31	6	
	1320	32	6	
	1330	33	6	
	1340	34	6	
	[redacted]50	35	6	
	[redacted]00	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/08/06	1400	37	7	
	1420	38	7	
	1430	39	7	
	1440	40	7	
	1450	41	7	
	1500	42	7	
	1510	43	8	
	1520	44	8	
	1530	45	8	
	1540	46	8	
	1550	47	8	
	1600	48	8	

Daily Composite #: 6

Sample ID: PR-6-050806

Sample Date: 05/08/06

Analyses: RCRA 8 Metals, TCLP Metals, TCLP BEST/Herbs, TCLP VOCs+SVOCs

Date Sent to Lab: 05/09/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
5/09/06	0810	1	1	On-t, Shredded paper
	0820	2	1	plant materia (leaves,
	0830	3	1	twigs) Styrofoam,
	0840	4	1	rigid plastic, glass, metal
	0850	5	1	Collect PR-ROC1-050906
	0900	6	1	
	0910	7	2	
	0920	8	2	
	0930	9	2	
	0940	10	2	
	0950	11	2	
	1000	12	2	
	1010	13	3	
	1020	14	3	
	1030	15	3	
	1040	16	3	
	1050	17	3	
	1100	18	3	
	1110	19	4	
	1120	20	4	
	1130	21	4	
	1140	22	4	
	1150	23	4	
	1200	24	4	
	1210	25	5	
	1220	26	5	
	1230	27	5	
	1240	28	5	
	1250	29	5	
	1300	30	5	
	1310	31	6	
	1320	32	6	
	1330	33	6	
	1340	34	6	
	1350	35	6	
	[illegible]00	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
1410		37	7	
1420		38	7	
1430		39	7	
1440		40	7	
1450		41	7	
1500		42	7	
1510		43	8	
1520		44	8	
1530		45	8	
1540		46	8	
1550		47	8	
1600		48	8	

Daily Composite #: 7

Sample ID: PR-7-050906

Sample Date: 05/09/06

Analyses: RCRA-8 Metals, TCLP Metals, TCLP Pest/Herb, TCLP VOCs + SVOCs

Date Sent to Lab: 05/10/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/10/06	0810	1	1	
	0820	2	1	collect PR-VOC1-051006
	0830	3	1	
	0840	4	1	
	0850	5	1	
	0900	6	1	
	0910	7	2	
	0920	8	2	
	0930	9	2	
	0940	10	2	
	0950	11	2	
	1000	12	2	
	1010	13	3	
	1020	14	3	
	1030	15	3	
	1040	16	3	
	1050	17	3	
	1100	18	3	
	1110	19	4	
	1120	20	4	
	1130	21	4	
	1140	22	4	
	1150	23	4	
	1200	24	4	
	1210	25	5	
	1220	26	5	
	1230	27	5	
	1240	28	5	
	1250	29	5	
	1300	30	5	
	1310	31	6	
	1320	32	6	
	1330	33	6	
	1340	34	6	
	1350	35	6	
	1400	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
	1410	37	7	
	1420	38	7	
	1430	39	7	
	1440	40	7	PR-VOC2-051006 + PR-VOC3-051006
	1450	41	7	
	1500	42	7	
	1510	43	8	
	1520	44	8	
	1530	45	8	
	1540	46	8	
	1550	47	8	
	1600	48	8	

Daily Composite #: 8

Sample ID: PR-8-051006

Sample Date: 05/10/06

Analyses: RCRA-8 Metals, TCLP Metals, TCLP Pest/Herb, TCLP VOCs+SVOCs

Date Sent to Lab: 05/11/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/11/06	0820	1	1	
	0830	2	1	Collect PR-VOC1-051106
	0840	3	1	
	0850	4	1	
	0900	5	1	
	0910	6	1	
	0920	7	2	
	0930	8	2	
	0940	9	2	
	0950	10	2	
	1000	11	2	
	1010	12	2	
	1020	13	3	
	1030	14	3	
	1040	15	3	
	1050	16	3	
	1100	17	3	
	1110	18	3	
	1120	19	4	
	1130	20	4	
	1140	21	4	
	1150	22	4	
	1200	23	4	
	1210	24	4	
	1220	25	5	
	1230	26	5	Collect PR-VOC2-051106
	1240	27	5	
	1250	28	5	
	1300	29	5	
	1310	30	5	
	1320	31	6	
	1330	32	6	
	1340	33	6	
	1350	34	6	
	1400	35	6	
	[redacted]10	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vlodimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
	1420	37	7	
	1430	38	7	
	1440	39	7	
	1450	40	7	
	1500	41	7	
	1610	42	7	
	1520	43	8	
	1530	44	8	
	1540	45	8	
	1550	46	8	
	1600	47	8	
	1610	48	8	

Daily Composite #: 9

Sample ID: DR-9-051106

Sample Date: 05/11/06

Analyses: HLRA-8 Metals, TCLP Metals, TCLP Pest/Herb, TCLP VOCs/SVOCs

Date Sent to Lab: 05/12/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/12/06	0810	1	1	
	0820	2	1	
	0830	3	1	
	0840	4	1	
	0850	5	1	
	0900	6	1	
	0910	7	2	
	0920	8	2	
	0930	9	2	
	0940	10	2	
	0950	11	2	
	1000	12	2	
	1010	13	3	
	1020	14	3	
	1030	15	3	
	1040	16	3	
	1050	17	3	
	1100	18	3	
	1110	19	4	
	1120	20	4	
	1130	21	4	
	1140	22	4	
	1150	23	4	
	1200	24	4	
	1210	25	5	
	1220	26	5	
	1230	27	5	
	1240	28	5	
	1250	29	5	
	1300	30	5	
	1310	31	6	
	1320	32	6	
	1330	33	6	
	1340	34	6	
	1350	35	6	
	1400	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/12/06	1410	37	7	
	1420	38	7	
	1430	39	7	
	1440	40	7	
	1450	41	7	
	1500	42	7	
	1510	43	8	
	1520	44	8	
	1530	45	8	
	1540	46	8	
	1550	47	8	
	1600	48	8	

Daily Composite #: 10

Sample ID: TR-10-051206

Sample Date: 05/12/06

Analyses: RCRA-8 Metals, TCLP Metals, TCLP Pest/Herb, TCLP VOCs + SVOCs

Date Sent to Lab: 05/15/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/15/06	0905	1	1	Grit, Shredded Paper,
	0915	2	1	Plant material, (leaves,
	0925	3	1	twigs, grass) food
	0935	4	1	(Peanuts, potatoes, carrots)
	0945	5	1	Plastic, metal, glass, moist
	0955	6	1	
	1005	7	2	
	1015	8	2	
	1025	9	2	
	1035	10	2	
	1045	11	2	
	1055	12	2	
	1105	13	3	
	1115	14	3	
	1125	15	3	
	1135	16	3	
	1145	17	3	
	1155	18	3	
	1205	19	4	
	1215	20	4	
	1225	21	4	
	1235	22	4	
	1245	23	4	
	1255	24	4	
	1305	25	5	
	1315	26	5	
	1325	27	5	
	1335	28	5	
	1345	29	5	
	1355	30	5	
	1405	31	6	
	1415	32	6	
	1425	33	6	
	1435	34	6	
	1445	35	6	
	1455	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/15/06	1505	37	7	
	1515	38	7	
	1525	39	7	
	1535	40	7	
	1545	41	7	
	1555	42	7	
	1605	43	8	
	1615	44	8	
	1625	45	8	
	1635	46	8	
	1645	47	8	
	1655	48	8	

Daily Composite #: ~~PR~~ 11

Sample ID: PR-11-051506

Sample Date: 05/16/06

Analyses: RCRA 8 Metals, TCLP Metals, TCLP VOCs + SVOCs

Date Sent to Lab: 05/16/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/16/06	0810	1	1	Grit, Shredded paper,
	0820	2	1	plant material,
	0830	3	1	(twigs, leaves, grass)
	0840	4	1	food (peanuts, potato
	0850	5	1	chunks, carrots)
	0900	6	1	cigarettes, plastic, metal,
	0910	7	2	glass.
	0920	8	2	
	0930	9	2	
	0940	10	2	
	0956	11	2	
	1000	12	2	
	1010	13	3	
	1020	14	3	
	1030	15	3	
	1040	16	3	
	1050	17	3	
	1100	18	3	
	1110	19	4	
	1120	20	4	
	1130	21	4	
	1140	22	4	
	1150	23	4	
	1200	24	4	
	1210	25	5	
	1220	26	5	
	1230	27	5	
	1240	28	5	
	1250	29	5	
	1300	30	5	
	1310	31	6	
	1320	32	6	
	1330	33	6	
	1340	34	6	
	1350	35	6	
	1400	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
	1410	37	7	
	1420	38	7	
	1430	39	7	
	1440	40	7	
	1450	41	7	
	1500	42	7	
	1510	43	8	
	1520	44	8	
	1530	45	8	
	1540	46	8	
	1550	47	8	
	1600	48	8	

Daily Composite #: 12

Sample ID: PR-12-051606

Sample Date: 05/16/06

Analyses: RCRA-8 Metals, TCLP Metals, TCLP Asbestos, TCLP VOCs + SVOCs

Date Sent to Lab: 05/17/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/11/06	0810	1	1	Waste consisted of
	0820	2	1	Grit, Shredded Paper,
	0830	3	1	Carrots, onions Peanuts)
	0840	4	1	Plant material (twig, leaves,
	0850	5	1	grass) plastic, metal,
	0900	6	1	glass, moist
	0920	7	2	
	0930	8	2	
	0940	9	2	
	0950	10	2	
	1000	11	2	
	1010	12	2	
	1020	13	3	
	1030	14	3	
	1040	15	3	
	1050	16	3	
	1100	17	3	
	1110	18	3	
	1120	19	4	
	1130	20	4	
	1140	21	4	
	1150	22	4	
	1200	23	4	
	1210	24	4	
	1220	25	5	
	1230	26	5	
	1240	27	5	
	1250	28	5	
	1300	29	5	
	1310	30	5	
	1320	31	6	
	1330	32	6	
	1340	33	6	
	1350	34	6	
	1400	35	6	
	1410	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/17/06	1410	37	7	
	1420	38	7	
	1430	39	7	
	1440	40	7	
	1450	41	7	
	1500	42	7	
	1510	43	8	
	1520	44	8	
	1530	45	8	
	1640	46	8	
	1650	47	8	
	1600	48	8	

Daily Composite #: 13

Sample ID: PR-13-051706

Sample Date: 05/17/06

Analyses: RCRA-8 Metals, TCLP Metals, TCLP Pest/Herb, TCLP VOCs+SVOCs

Date Sent to Lab: 05/17/06

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: Vladimir

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/12/06	0820	1	1	On't, shredded Paper,
	0830	2	1	pieces of food, (Potato
	0840	3	1	carrots, tomatoes, onions)
	0850	4	1	plant materials, (leaves, twigs,
	0900	5	1	grass) plastic, metal, glass,
	0910	6	1	moist.
	0920	7	2	
	0930	8	2	
	0940	9	2	
	0950	10	2	
	1000	11	2	
	1010	12	2	
	1020	13	3	
	1030	14	3	
	1040	15	3	
	1050	16	3	
	1100	17	3	
	1110	18	3	
	1120	19	4	
	1130	20	4	
	1140	21	4	
	1150	22	4	
	1200	23	4	
	1210	24	4	
	1220	25	5	
	1230	26	5	
	1240	27	5	
	1250	28	5	
	1300	29	5	
	1310	30	5	
	1320	31	6	
	1330	32	6	
	1340	33	6	
	1350	34	6	
	1400	35	6	
	1410	36	6	

TABLE 2
DAILY FIELD LOG
CRRA – Mid-Connecticut WPF
Process Residue Sampling

Sampler: _____

Date	Time	Grab Sample #	Hourly Composite #	Observations / Notes
05/18/06	1420	37	7	
	1430	38	7	
	1440	39	7	
	1450	40	7	
	1500	41	7	
	1510	42	7	
	1520	43	8	
	1530	44	8	
	1540	45	8	
	1550	46	8	
	1600	47	8	
	1610	48	8	

Daily Composite #: 14

Sample ID: PR-14-051806

Sample Date: ~~RCRA 8 Metals~~ (MW), 05/18/06

Analyses: RCRA 8 Metals, TCLP Metals, TCLP ABN/Herb, TCLP VOCs TSVOCs

Date Sent to Lab: 05/19/06

APPENDIX D

ANALYTICAL DATA SHEETS

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE
STRATFORD, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

Q005007

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature) / Name (printed)
TRC Environmental 21 Griffin Rd North Windsor CT	Marya Mahoney		42798-0110-00000	Vladimir Mariano

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	PR-VOC1-050106	05/01/06 1150				X	TCLP VOCs (8260B)	(2) 2oz Jars
	PR-VOC 2-050106	05/01/06 1510				X	TCLP VOCs (8260B)	(2) 2oz jars
	PR-1-050106	05/01/06 ~~1450~~ 1820 (VM)				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017) TCLP SVOCs+ TCLP VOCs (D019-D043)	(2) 8oz Jars (2) 2oz Jars

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by	05/01/06 Date/Time	Samples received in LAB by	5-2-06 1245 Date/Time
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time	Samples received in LAB by	5/2 Date/Time

Comments/Special Instructions

4.0° C

Turn-Around Time Requested- Specify Date Expected
If RUSH Requested: DATE DUE FOR RUSH:

X STANDARD RUSH(Define)

Rich August

From: Mahoney, Marya [MMahoney@TRCSOLUTIONS.com]
Sent: Friday, May 12, 2006 3:50 PM
To: Rich August
Subject: CRRA Data

Rich,

As we discussed, we would like you to report the RCRA list TCLP VOCs for samples with the following York ID numbers: 06050072-01 and 06050072-02. Please note that all subsequent data packages sent to us related to TRC project number 42798-0110-00000 (CRRA Process Residue Sampling) should reflect this change from the full 8260 list to the RCRA list. If you have any questions regarding this matter, please call me at 860-298-6226. Thanks.

Marya

Marya B. Mahoney
TRC Environmental
21 Griffin Road North
Windsor, CT 06095
phone: (860)298-6226
e-mail: mmahoney@trcsolutions.com

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE
STRATFORD, CT 06615
203.325.1371 FAX 203.357-0166

Field Chain-of-Custody Record

060501126

Company Name	Report to:	Invoice to:	Project ID/No.	Samples Collected by (signature)
TRC Environmental 21 Griffin Rd North Windsor CT 06095	Marya Mahoney		42798-0110-00000	Vladimir Mariano Name (printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	Other	Analyses Requested	Container Desc.
	PR-VOC1-050206	05/02/06 0930				X	TCLP VOCs (8260B)	(2) 2oz Jars
	PR-VOC2-050206	05/02/06 1100				X	TCLP VOCs (8260B)	(2) 2oz Jars
	PR-2-050206	05/02/06 1630				X	RCRA-8 Metals, TCLP Metals (0004-0011) TCLP Pest/Herb (0012-0017), TCLP VOCs/SVOCs (0019-0043)	(2) 20z Jars (2) 8oz Jars

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Samples Relinquished by	05/03/06 Date/Time	Samples received in LAB by	5-3-06 1140 Date/Time
Bottles received in field by	Date/Time	Samples Relinquished by	Date/Time	Samples received in LAB by	5/3 1500 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time Requested- Specify Date Expected
if RUSH Requested: DATE DUE FOR RUSH:

X STANDARD _____ RUSH(Define)_____

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page ___ of ___

0600501(01

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd N. Windsor CT 06095	Marya Mahoney		42798-0110-00000	Samples Collected By (Signature) Vladimir Mariano Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-050306	05/03/06 0940				X	TCLP VOCs (8260B)	(2) 2oz Jars
	PR-VOC2-050306	05/03/06 1450				X	TCLP VOCs (8260B)	(2) 2oz Jars
	PR-3-050306	05/03/06 1700				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017), TCLP VOCs + 6 VOCs (D019-D043)	(2) 2oz Jars (2) 8 oz Jars

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	05/04/06 Date/Time	Sample Received by	5-4-06 1125 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/4 2020 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Q0050640.

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd. North Windsor, CT 06095	Maya Mahoney		42798-0110-00000	Samples Collected By (Signature) Vladimir Mariano Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-3-050306(SPARE)	05/03/06 @1700				X	Total & TCLP Lead	(1) 8 oz. jar

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Maya Mahoney Sample Relinquished by	05/18/06 Date/Time	Sample Received by	5-18-06 1205 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/18 1430 Date/Time

Comments/Special Instructions

4±2°C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

00050231

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)
TRC Environmental 21 Griffin Rd North Windsor CT 06095	Marya Mahoney		42798-0110-00000	Vladimir Mariano (Name Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-050406	05/04/06 ~~0850~~ 0910				X	TCLP VOCs (8260B)	(2) 2 oz glass
	PR-VOC2-050406	05/04/06 ~~1500~~ 1600				X	TCLP VOCs (8260B)	(2) 2 oz glass
	PR-4-050406	05/04/06 1650				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017), TCLP VOCs+SVOCs (D018-D043)	(2) 2oz glass (2) 8oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	05/05/06 Date/Time	Sample Received by	5-5-06 1100 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/5 3:20 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Q0500484

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd North Windsor CT 06095	Marya Mahoney		42798-0110-00000	Samples Collected By (Signature) Vladimir Mariano Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix				ANALYSES REQUESTED	Container Description(s)
			Water	Soil	Air	OTHER		
	PR-VOC1-050506	0820 05/05/06				X	TCLP VOCs (8260B)	(2) 2oz Glass
	PR-VOC2-050506	1430 05/05/06				X	TCLP VOCs (8260B)	(2) 2oz Glass
	PR-5-050506	1620 05/05/06				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017), TCLP VOCs+SVOCs (D018)+(D019-D043)	(2) 2oz Glass (2) 8oz Glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Vladimir Mariano	05/08/06	Sample Received by	5-8-06 1025
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/8 820
		Sample Relinquished by	Date/Time		Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Q0050372

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)
TRC Environmental 21 Griffin Rd North Windsor CT. 06095	Marya Mahoney		42798-0110-00000	Vladimir Mariano (Name Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-050806	05/08/06 1010				X	TCLP VOCs (8260B)	(1) 2oz glass
	PR-VOC2-050806	05/08/06 1220				X	TCLP VOCs (8260B)	(1) 2oz glass
	PR-6-050806	05/08/06 1630				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017) TCLP VOCs +3 VOCs (D019-D043)	(1) 8oz glass (1) 2oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Vladimir Mariano	05/09/06	Sample Received by	5-9-06 130 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/9 800 Date/Time

Comments/Special Instructions: 42C

Turn-Around Time
X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

00050375

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd North Windsor CT	Marya Mahoney		42798-0110-00000	Vladimir Mariano Samples Collected By (Signature) Vladimir Mariano Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-050906	05/09/06 0850				X	TCLP VOCs (8260B)	(1) 2 oz glass
	PR-VOC2-050906	05/09/06 1510				X	TCLP VOCs (8260B)	(1) 2 oz glass
	PR-7-050906	05/09/06 1620				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017), TCLP Volatiles (D018-D043)	(1) 2oz glass (1) 8oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	05/10/06 Date/Time	Sample Received by	5-10-06 1050 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/10/06 1050 Date/Time

Comments/Special Instructions

4°C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

0605042?

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd North Windsor CT 06095	Maiya Maherey		42798-0110-0000 0	Samples Collected By (Signature) Vladimir Mariano Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-051006	0820 05/10/06				X	TCLP VOCs (8260B)	(1) 2oz glass
	PR-VOC2-051006	1440 05/10/06				X	TCLP VOCs (8260B)	(1) 2oz glass
	PR-VOC3-051006	1520 05/10/06				X	TCLP VOCs (8260B)	(1) 2oz glass
	PR-8-051006	1625 05/10/06				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017) TCLP VOC+SVOCs (D019-D043)	(1) 2oz glass (1) 8oz glass
	PR-15-051006	1648 05/10/06				X	" "	(1) 2oz glass (1) 8oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	05/11/06 Date/Time	Sample Received by	5-11-06 1200 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/11 850 Date/Time

Comments/Special Instructions

4.0°C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

0005093.

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd North Windsor CT 06095	Marya Mahoney		42798-0110-00000	Samples Collected By (Signature) Vladimir Mariano Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-051106	05/11/06 0830				X	TCLP VOCs (8260B)	(1) 2oz glass
	PR-VOC2-051106	05/11/06 1230				X	TCLP VOCs (8260B)	(1) 2oz glass
	PR-9-051106	05/11/06 1633				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017) TCLP VOLs + SVOCs (D018-D043)	(1) 2oz glass (1) 8oz glass
	PR-9-051106 MS/MSD	05/11/06 1633				X	" "	(3) 2oz glass (3) 8oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	05/12/06 Date/Time	Sample Received by	5-12-06 1235 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	05/12 2810 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

0005 0535

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd North Windsor CT 06095	Marya Mahoney		42798-0110-00000	Samples Collected By (Signature) Vladimir Mariano Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-051206	05/12/06 0940				X	TCLP VOCs	(1) 2oz glass
	PR-VOC2-051206	05/12/06 1430				X	TCLP VOCs	(1) 2oz glass
	PR-10-051206	05/12/06 1635				X	RCRA-8 Metals, TCLP Metals (0004-0011) TCLP Pest/Herb (0012-0017) TCLP VOCs+SVOCs (0019-0043)	(1) 2oz glass (1) 8oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	05/15/06 Date/Time	Sample Received by	5-15-06 1130 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/15 4:30 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

0600505608

Company Name	Report To:	Invoice To:	Project ID/No.	Samples Collected By (Signature)
TRC Environmental 21 Griffin Rd North Windsor CT 06095	Marya Mahoney		42798-0110-00000	Vladimir Mariano (Name Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	FB051506	05/15/06 0830	X				RCRA-8 Metals, ~~TCLP Metals (D004-D011)~~ ~~TCLP Pest/Herb (D012-D017)~~ ~~TCLP VOCs + SVOCs (D018-D043)~~ RUSH *	(3) 1L Amber (2) 40ml VOAs (1) 250ml Plastic
	PR-VOC1-051506	05/15/06 0945				X	TCLP VOCs	(1) 2oz glass
	PR-VOC2-051506	05/15/06 1605				X	TCLP VOCs	(1) 2oz glass
	PR-11-051506	05/15/06 1727				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017) TCLP VOCs + SVOCs (D018-D043)	(1) 2oz glass (1) 8oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Vladimir Mariano	05/16/06	Sample Received by	5-16-06 12:40
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/16 3:30 Date/Time

4.2°C

Comments/Special Instructions

* Please report only the compounds that relate to the TCLP soil parameters

Turn-Around Time

X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

00090583.

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd North Windsor, CT 06095	Marya Mahoney		42798-0110-00000	[signature] Samples Collected By (Signature) Vladimir Mariano Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-051606	05/16/06 0920				X	TCLP VOCs	(1) 2oz glass
	PR-VOC2-051606	05/16/06 1460				X	TCLP VOCs	(1) 2oz glass
	PR-VOC4-051606	05/16/06 1600				X	TCLP VOCs	(1) 2oz glass
	PR-12-051606	05/16/06 1630				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017), TCLP VOCs + SVOCs (D019-D043)	(1) 2oz glass (1) 8 oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Sample Relinquished by	Date/Time	Sample Received by	Date/Time
		[signature]	05/16/06	[signature]	5-17-06 1205

Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time
				[signature]	5/17 430

Comments/Special Instructions

4.2°C

Turn-Around Time
X Standard ____RUSH(define)________

YORK
ANALYTICAL LABORATORIES, INC.
120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Q0050639.

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd North Windsor CT 06095	Marya Mahoney		42798-0110-00000	Samples Collected By (Signature): Vladimir Mariano Name (Printed): Vladimir Mariano

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-051706	05/17/06 0840				X	TCLP VOCs	(1) 2oz glass
	PR-VOC2-051706	05/17/06 1340				X	TCLP VOCs	(1) 2oz glass
	PR-13-051706	05/17/06 1625				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017) TCLP VOCs + SVOCs (D018-D043)	(1) 2oz glass (1) 8oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Vladimir Mariano	05/18/06	Sample Received by	5-18-06 1215
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	Date/Time 5/18 1230

Comments/Special Instructions: 4.2°C

Turn-Around Time
X Standard ___ RUSH(define)_____

YORK
ANALYTICAL LABORATORIES, INC.

120 RESEARCH DRIVE STRATFORD, CT 06615
(203) 325-1371 FAX (203) 357-0166

Field Chain-of-Custody Record

Page 1 of 1

0600500894

Company Name	Report To:	Invoice To:	Project ID/No.	
TRC Environmental 21 Griffin Rd North Windsor CT 06095	Marya Mahoney		42798-0110-00000	Vladimir Mariano Samples Collected By (Signature) Vladimir Mariano Name (Printed)

Sample No.	Location/ID	Date Sampled	Sample Matrix: Water	Soil	Air	OTHER	ANALYSES REQUESTED	Container Description(s)
	PR-VOC1-051806	05/18/06 1050				X	TCLP VOCs	(1) 2 oz glass
	PR-VOC2-051806	05/18/06 1450				X	TCLP VOCs	(1) 2 oz glass
	PR-14-051806	05/18/06 1625				X	RCRA-8 Metals, TCLP Metals (D004-D011) TCLP Pest/Herb (D012-D017) TCLP VOCs + SVOCs (D019-D043)	(1) 2 oz glass (1) 8 oz glass

Chain-of-Custody Record

Bottles Relinquished from Lab by	Date/Time	Vladimir Mariano Sample Relinquished by	05/17/06 Date/Time	Sample Received by	5-19-06 220 Date/Time
Bottles Received in Field by	Date/Time	Sample Relinquished by	Date/Time	Sample Received in LAB by	5/19 4:10 Date/Time

Comments/Special Instructions

4.2°C

Turn-Around Time

X Standard ___ RUSH(define)_____

Report Date: 5/12/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050072 R

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/02/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-050106		PR-VOC2-050106	
York Sample ID			06050072-01		06050072-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	7	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			Not detected	5.0	120	5.0
Tetrachloroethylene			7	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-1-050106	
York Sample ID			06050072-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	9.5
2,4,5-Trichlorophenol			Not detected	9.5
2,4,6-Trichlorophenol			Not detected	9.5
2,4-Dinitrotoluene			Not detected	9.5
Cresol (Total)			Not detected	9.5
Hexachloro-1,3-butadiene			Not detected	9.5
Hexachlorobenzene			Not detected	9.5
Hexachloroethane			Not detected	9.5
m-Cresol			Not detected	9.5
Nitrobenzene			Not detected	9.5
o-Cresol			Not detected	9.5
p-Cresol			Not detected	9.5
Pentachlorophenol			Not detected	9.5
Pyridine			Not detected	9.5
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			Not detected	0.010
TCLP Barium			0.771	0.010
TCLP Cadmium			0.005	0.005
TCLP Chromium			0.017	0.005
TCLP Lead			1.12	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	0.0008	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	1.18
Endrin			Not detected	0.0283
Heptachlor (and the epoxide)			Not detected	0.0283
Lindane			Not detected	0.0283
Methoxychlor			Not detected	0.283
Toxaphene			Not detected	1.18
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			23	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			1000	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			2.06	1.00
Barium, total			81.9	0.50
Cadmium, total			0.65	0.50
Chromium, total			14.5	0.50

YORK

Client Sample ID			PR-1-050106	
York Sample ID			06050072-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Lead, total			420	0.50
Selenium, total			Not detected	1.00
Silver, total			Not detected	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	59.0	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050072 R

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/12/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92706 — 12-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19717 **QA Sample #:** AC92706

Unit of Measure: ug/L **York's Sample ID:** 06050072-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	77	Not detected	Not detected	100	76	**76.000**	78	**78.000**	**2.597**
1,2,4-Trichlorobenze	51	Not detected	Not detected	100	50	**50.000**	52	**52.000**	**3.922**
Phenol	36	Not detected	Not detected	200	74	**37.000**	71	**35.500**	**4.138**
Pentachlorophenol	78	Not detected	Not detected	200	153	**76.500**	160	**80.000**	**4.473**
N-Nitroso-di-n-propyl	67	Not detected	Not detected	100	66	**66.000**	67	**67.000**	**1.504**
Acenapthene	66	Not detected	Not detected	100	63	**63.000**	68	**68.000**	**7.634**
4-Chloro-3-methylph	66	Not detected	Not detected	200	132	**66.000**	131	**65.500**	**0.760**
2-Chlorophenol	54	Not detected	Not detected	200	107	**53.500**	109	**54.500**	**1.852**
2,4-Dinitrotoluene	67	Not detected	Not detected	100	65	**65.000**	69	**69.000**	**5.970**
1,4-Dichlorobenzene	44	Not detected	Not detected	100	43	**43.000**	44	**44.000**	**2.299**
4-Nitrophenol	44	Not detected	Not detected	200	93	**46.500**	84	**42.000**	**10.169**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92706 12-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19718 **QA Sample #:** AC92706

Unit of Measure: ppm **York's Sample ID:** 06050072-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	101	Not detected	Not detected	2.00	1.95	**97.500**	Not detected		
Silver	109	Not detected	Not detected	0.050	0.053	**106.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	102	Not detected	Not detected	0.050	0.050	**100.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	107	0.025	Not detected	0.500	0.544	**103.600**	0.025		**0.000**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	109	0.432	Not detected	2.00	2.62	**109.400**	0.431		**0.232**
Arsenic	103	Not detected	Not detected	2.00	2.03	**101.500**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	105	Not detected	Not detected	0.200	0.208	**104.000**	Not detected		

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92706 — 12-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19719 **QA Sample #:** AC92706

Unit of Measure: ppm **York's Sample ID:** 06050072-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Recovery, %	Spike Duplicate Duplicate	Recovery,%	Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	100	3.04	Not detected	200	199	**97.98**	3.32		**8.81**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	104	0	Not detected	5.0	3.95	**79.00**	Not detected		**Not detected**
Selenium	98.4	0	Not detected	200	194	**97.00**	Not detected		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	94.4	21.1	Not detected	20.0	41.1	**100.000**	21.1		**0.000**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	100	0	Not detected	5.0	5.03	**100.600**	Not detected		**Not detected**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	106	87.3	Not detected	200	300	**106.35**	87.1		**0.23**
Lead	102	57.7	Not detected	50.0	108	**100.60**	57.2		**0.87**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

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Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92706 — 12-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19720 **QA Sample #:** AC92706

Unit of Measure: ug/L **York's Sample ID:** 06050072-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	68.9	Not detected	Not detected	33	29.6	**89.697**	27.9	**84.545**	**5.913**
Lindane	71.0	Not detected	Not detected	33	28.8	**87.273**	26.5	**80.303**	**8.318**
Heptachlor	75.6	Not detected	Not detected	33	26.8	**81.212**	26.1	**79.091**	**2.646**
Dieldrin	78.9	Not detected	Not detected	66	51.6	**78.182**	56.1	**85.000**	**8.357**
4,4'-DDT	81.9	Not detected	Not detected	66	57.2	**86.667**	53.9	**81.667**	**5.941**
Endrin	77.4	Not detected	Not detected	66	56.2	**85.152**	54.1	**81.970**	**3.808**

Associated Samples: AC92706 — 12-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19721 **QA Sample #:** AC92706

Unit of Measure: ug/L **York's Sample ID:** 06050072-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	78.5	Not detected	Not detected	40	32.9	82.3	35.9	89.8	8.7
2,4-D	84.9	Not detected	Not detected	40	33.9	84.8	31.9	79.8	6.1

YORK

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Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92706 — 12-May-06

Client: TRC Environmental

Analysis Name: *VOA QC WATERS* — **Batch Name:** $VOAW-19722 — **QA Sample #:** AC92706

Unit of Measure: ug/L — **York's Sample ID:** 06050072-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	116	Not detected	Not detected	50	58	**116.0**	57	**114.0**	**1.7**
Benzene	100	Not detected	Not detected	50	50	**100.0**	51	**102.0**	**2.0**
Chlorobenzene	106	Not detected	Not detected	50	52	**104.0**	54	**108.0**	**3.8**
Toluene	100	Not detected	Not detected	50	50	**100.0**	52	**104.0**	**3.9**
Trichloroethylene	100	Not detected	Not detected	50	50	**100.0**	52	**104.0**	**3.9**

Associated Samples: AC92706 — 12-May-06

Client: TRC Environmental

Analysis Name: *Mercury* — **Batch Name:** HG8_S-19723 — **QA Sample #:** AC92706

Unit of Measure: mg/kG — **York's Sample ID:** 06050072-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	85.5	Not detected	Not detected	1.50	1.42	**90.8**	Not detected		**1.4**

Associated Samples: AC92706 — 12-May-06

Client: TRC Environmental

Analysis Name: *TCLP Mercury* — **Batch Name:** HGTCLP-19724 — **QA Sample #:** AC92706

Unit of Measure: mg/L — **York's Sample ID:** 06050072-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	107.8	0.0008	Not detected	0.0030	0.0027	**86.3**	Not detected		**0**

Report Date: 5/12/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050126 R

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/03/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-050206		PR-VOC2-050206	
York Sample ID			06050126-01		06050126-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	6	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			Not detected	5.0	63	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-2-050206	
York Sample ID			06050126-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	27
2,4,5-Trichlorophenol			Not detected	27
2,4,6-Trichlorophenol			Not detected	27
2,4-Dinitrotoluene			Not detected	27
Cresol (Total)			Not detected	27
Hexachloro-1,3-butadiene			Not detected	27
Hexachlorobenzene			Not detected	27
Hexachloroethane			Not detected	27
m-Cresol			Not detected	27
Nitrobenzene			Not detected	27
o-Cresol			Not detected	27
p-Cresol			Not detected	27
Pentachlorophenol			Not detected	27
Pyridine			Not detected	27
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			Not detected	0.010
TCLP Barium			0.460	0.010
TCLP Cadmium			0.005	0.005
TCLP Chromium			0.044	0.005
TCLP Lead			0.254	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	0.0005	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	1.43
Endrin			Not detected	0.0343
Heptachlor (and the epoxide)			Not detected	0.0343
Lindane			Not detected	0.0343
Methoxychlor			Not detected	0.343
Toxaphene			Not detected	1.43
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			17	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			1.00	1.00
Barium, total			89.5	0.50
Cadmium, total			Not detected	0.50
Chromium, total			10.4	0.50

YORK

Client Sample ID			PR-2-050206	
York Sample ID			06050126-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Lead, total			385	0.50
Selenium, total			Not detected	1.00
Silver, total			Not detected	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	57.9	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050126 R

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/12/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92873 — 12-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19738 **QA Sample #:** AC92873

Unit of Measure: ug/L **York's Sample ID:** 06050126-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	77	Not detected	Not detected	100	76	**76.000**	78	**78.000**	**2.597**
1,2,4-Trichlorobenze	51	Not detected	Not detected	100	50	**50.000**	52	**52.000**	**3.922**
Phenol	36	Not detected	Not detected	200	74	**37.000**	71	**35.500**	**4.138**
Pentachlorophenol	78	Not detected	Not detected	200	153	**76.500**	160	**80.000**	**4.473**
N-Nitroso-di-n-propyl	67	Not detected	Not detected	100	66	**66.000**	67	**67.000**	**1.504**
Acenapthene	66	Not detected	Not detected	100	63	**63.000**	68	**68.000**	**7.634**
4-Chloro-3-methylph	66	Not detected	Not detected	200	132	**66.000**	131	**65.500**	**0.760**
2-Chlorophenol	54	Not detected	Not detected	200	107	**53.500**	109	**54.500**	**1.852**
2,4-Dinitrotoluene	67	Not detected	Not detected	100	65	**65.000**	69	**69.000**	**5.970**
1,4-Dichlorobenzene	44	Not detected	Not detected	100	43	**43.000**	44	**44.000**	**2.299**
4-Nitrophenol	44	Not detected	Not detected	200	93	**46.500**	84	**42.000**	**10.169**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92873 — 12-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19739 **QA Sample #:** AC92873

Unit of Measure: ppm **York's Sample ID:** 06050126-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Recovery, %	Spike Duplicate	Recovery,%	Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	101	Not detected	Not detected	2.00	1.95	**97.500**	Not detected		
Silver	109	Not detected	Not detected	0.050	0.053	**106.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	102	Not detected	Not detected	0.050	0.050	**100.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	107	0.025	Not detected	0.500	0.544	**103.800**	0.025		**0.000**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	109	0.432	Not detected	2.00	2.62	**109.400**	0.431		**0.232**
Arsenic	103	Not detected	Not detected	2.00	2.03	**101.500**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	105	Not detected	Not detected	0.200	0.208	**104.000**	Not detected		

YORK

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Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92873 — 12-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19740 **QA Sample #:** AC92873

Unit of Measure: ppm **York's Sample ID:** 06050126-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	102	3.67	Not detected	200	209	**102.67**	3.59		**2.20**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	106	0	Not detected	5.0	4.03	**80.60**	Not detected		**Not detected**
Selenium	91.4	0	Not detected	200	201	**100.50**	Not detected		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	93.5	13.7	Not detected	20.0	34.0	**101.500**	14.0		**2.166**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	98.2	0	Not detected	5.0	4.94	**98.800**	Not detected		**Not detected**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	105	112	Not detected	200	318	**103.00**	114		**1.77**
Lead	100	35.1	Not detected	50.0	84.1	**98.00**	35.4		**0.85**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92873 — 12-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19741 **QA Sample #:** AC92873

Unit of Measure: ug/L **York's Sample ID:** 06050126-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	70.9	Not detected	Not detected	33	28.4	**86.061**	25.9	**78.485**	**9.208**
Lindane	71.6	Not detected	Not detected	33	31.2	**94.545**	29.4	**89.091**	**5.941**
Heptachlor	76.5	Not detected	Not detected	33	29.4	**89.091**	25.4	**76.970**	**14.599**
Dieldrin	81.9	Not detected	Not detected	66	51.9	**78.636**	57.8	**87.576**	**10.757**
4,4'-DDT	89.1	Not detected	Not detected	66	53.2	**80.606**	60.9	**92.273**	**13.497**
Endrin	86.3	Not detected	Not detected	66	56.4	**85.455**	61.2	**92.727**	**8.163**

Associated Samples: AC92873 — 12-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19742 **QA Sample #:** AC92873

Unit of Measure: ug/L **York's Sample ID:** 06050126-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	78.5	Not detected	Not detected	40	32.9	82.3	35.9	89.8	8.7
2,4-D	84.9	Not detected	Not detected	40	33.9	84.8	31.9	79.8	6.1

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC92873 — 12-May-06

Client: TRC Environmental

Analysis Name: *VOA QC WATERS* **Batch Name:** $VOAW-19743 **QA Sample #:** AC92873

Unit of Measure: ug/L **York's Sample ID:** 06050126-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	102	Not detected	Not detected	50	52	**104.0**	49	**98.0**	**5.9**
Benzene	96	Not detected	Not detected	50	49	**98.0**	47	**94.0**	**4.2**
Chlorobenzene	98	Not detected	Not detected	50	49	**98.0**	49	**98.0**	**0.0**
Toluene	100	Not detected	Not detected	50	48	**96.0**	48	**96.0**	**0.0**
Trichloroethylene	96	Not detected	Not detected	50	46	**92.0**	46	**92.0**	**0.0**

Associated Samples: AC92873 — 12-May-06

Client: TRC Environmental

Analysis Name: *Mercury* **Batch Name:** HG8_S-19744 **QA Sample #:** AC92873

Unit of Measure: mg/kG **York's Sample ID:** 06050126-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	99.6	Not detected	Not detected	1.50	1.40	**90.1**	Not detected		**2.3**

Associated Samples: AC92873 — 12-May-06

Client: TRC Environmental

Analysis Name: *TCLP Mercury* **Batch Name:** HGTCLP-19745 **QA Sample #:** AC92873

Unit of Measure: mg/L **York's Sample ID:** 06050126-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	107.8	0.0005	Not detected	0.0030	0.0027	**86.3**	Not detected		**0**

YORK

Report Date: 5/16/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050161

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/04/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-050306		PR-VOC2-050306	
York Sample ID			06050161-01		06050161-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			16	5.0	8	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			310	5.0	64	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-3-050306	
York Sample ID			06050161-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	9.1
2,4,5-Trichlorophenol			Not detected	9.1
2,4,6-Trichlorophenol			Not detected	9.1
2,4-Dinitrotoluene			Not detected	9.1
Cresol (Total)			Not detected	9.1
Hexachloro-1,3-butadiene			Not detected	9.1
Hexachlorobenzene			Not detected	9.1
Hexachloroethane			Not detected	9.1
m-Cresol			Not detected	9.1
Nitrobenzene			Not detected	9.1
o-Cresol			Not detected	9.1
p-Cresol			Not detected	9.1
Pentachlorophenol			Not detected	9.1
Pyridine			Not detected	9.1
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			Not detected	0.010
TCLP Barium			0.669	0.010
TCLP Cadmium			0.011	0.005
TCLP Chromium			Not detected	0.005
TCLP Lead			42.7	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	2.00
Endrin			Not detected	0.048
Heptachlor (and the epoxide)			Not detected	0.048
Lindane			Not detected	0.048
Methoxychlor			Not detected	0.480
Toxaphene			Not detected	2.00
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			120	5.0
Tetrachloroethylene			6	5.0
Trichloroethylene			Not detected	5.0

YORK

Client Sample ID			PR-3-050306	
York Sample ID			06050161-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Vinyl Chloride			Not detected	5.0
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			3.35	1.00
Barium, total			70.9	0.50
Cadmium, total			Not detected	0.50
Chromium, total			25.7	0.50
Lead, total			149	0.50
Selenium, total			Not detected	1.00
Silver, total			Not detected	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	48.2	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050161

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/16/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93020 16-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19748 **QA Sample #:** AC93020

Unit of Measure: ug/L **York's Sample ID:** 06050161-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	77	Not detected	Not detected	100	76	**76.000**	78	**78.000**	**2.597**
1,2,4-trichlorobenzene	51	Not detected	Not detected	100	50	**50.000**	52	**52.000**	**3.922**
Phenol	36	Not detected	Not detected	200	74	**37.000**	71	**35.500**	**4.138**
Pentachlorophenol	78	Not detected	Not detected	200	153	**76.500**	160	**80.000**	**4.473**
N-Nitroso-di-n-propylamine	67	Not detected	Not detected	100	66	**66.000**	67	**67.000**	**1.504**
Acenapthene	66	Not detected	Not detected	100	63	**63.000**	68	**68.000**	**7.634**
4-Chloro-3-methyliphenol	66	Not detected	Not detected	200	132	**66.000**	131	**65.500**	**0.760**
2-Chlorophenol	54	Not detected	Not detected	200	107	**53.500**	109	**54.500**	**1.852**
2,4-Dinitrotoluene	67	Not detected	Not detected	100	65	**65.000**	69	**69.000**	**5.970**
1,4-Dichlorobenzene	44	Not detected	Not detected	100	43	**43.000**	44	**44.000**	**2.299**
4-Nitrophenol	44	Not detected	Not detected	200	93	**46.500**	84	**42.000**	**10.169**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93020 16-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19749 **QA Sample #:** AC93020

Unit of Measure: ppm **York's Sample ID:** 06050161-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	101	Not detected	Not detected	2.00	1.95	**97.500**	Not detected		
Silver	109	Not detected	Not detected	0.050	0.053	**106.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	102	Not detected	Not detected	0.050	0.050	**100.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	107	0.025	Not detected	0.500	0.544	**103.800**	0.025		**0.000**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	109	0.432	Not detected	2.00	2.62	**109.400**	0.431		**0.232**
Arsenic	103	Not detected	Not detected	2.00	2.03	**101.500**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	105	Not detected	Not detected	0.200	0.208	**104.000**	Not detected		

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93020 16-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19750 **QA Sample #:** AC93020

Unit of Measure: ppm **York's Sample ID:** 06050161-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	102	3.67	Not detected	200	209	**102.67**	3.59		**2.20**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	106	0	Not detected	5.0	4.03	**80.60**	Not detected		**Not detected**
Selenium	91.4	0	Not detected	200	201	**100.50**	Not detected		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	93.5	13.7	Not detected	20.0	34.0	**101.500**	14.0		**2.166**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	98.2	0	Not detected	5.0	4.94	**98.800**	Not detected		**Not detected**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	105	112	Not detected	200	318	**103.00**	114		**1.77**
Lead	100	35.1	Not detected	50.0	84.1	**98.00**	35.4		**0.85**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93020 — 16-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19751 **QA Sample #:** AC93020

Unit of Measure: ug/L **York's Sample ID:** 06050161-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	75.6	Not detected	Not detected	33	26.5	**80.303**	26.9	**81.515**	**1.498**
Lindane	67.8	Not detected	Not detected	33	31.2	**94.545**	31.6	**95.758**	**1.274**
Heptachlor	71.5	Not detected	Not detected	33	30.1	**91.212**	27.4	**83.030**	**9.391**
Dieldrin	81.2	Not detected	Not detected	66	50.6	**76.667**	51.2	**77.576**	**1.179**
4,4'-DDT	84.9	Not detected	Not detected	66	60.9	**92.273**	57.9	**87.727**	**5.051**
Endrin	76.5	Not detected	Not detected	66	52.6	**79.697**	55.5	**84.091**	**5.365**

Associated Samples: AC93020 — 16-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19752 **QA Sample #:** AC93020

Unit of Measure: ug/L **York's Sample ID:** 06050161-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)		Not detected							
2,4-D		Not detected							

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93020 16-May-06

Client: TRC Environmental

Analysis Name: ***VOA QC WATERS*** **Batch Name:** $VOAW-19753 **QA Sample #:** AC93020
Unit of Measure: ug/L **York's Sample ID:** 06050161-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	86	Not detected	Not detected	50	49	**98.0**	47	**94.0**	**4.2**
Benzene	86	Not detected	Not detected	50	47	**94.0**	48	**96.0**	**2.1**
Chlorobenzene	88	Not detected	Not detected	50	49	**98.0**	48	**96.0**	**2.1**
Toluene	88	Not detected	Not detected	50	47	**94.0**	46	**92.0**	**2.2**
Trichloroethylene	82	Not detected	Not detected	50	46	**92.0**	46	**92.0**	**0.0**

Associated Samples: AC93020 16-May-06

Client: TRC Environmental

Analysis Name: ***Mercury*** **Batch Name:** HG8_S-19754 **QA Sample #:** AC93020
Unit of Measure: mg/kG **York's Sample ID:** 06050161-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	99.6	Not detected	Not detected	1.50	1.40	**90.1**	Not detected		**2.3**

Associated Samples: AC93020 16-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Mercury*** **Batch Name:** HGTCLP-19755 **QA Sample #:** AC93020
Unit of Measure: mg/L **York's Sample ID:** 06050161-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	107.8	Not detected	Not detected	0.0030	0.0027	**86.3**	Not detected		**0**

YORK

Report Date: 5/30/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050640

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/18/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-3-050306 (SPARE)	
York Sample ID			06050640-01	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
Lead	SW846-6010	mg/kG	133	0.500
TCLP Lead	SW846-1311/6010	mg/L	0.493	0.005
Total Solids	SM 2540B	%	54.2	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

YORK

Report Date: 5/30/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050640

Notes for York Project No. 06050640

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/30/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94572 30-May-06

Client: TRC Environmental

Analysis Name: ***Lead*** **Batch Name:** PB_S-19965 **QA Sample #:** AC94572

Unit of Measure: mg/kG **York's Sample ID:** 06050640-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
PB_S	101	133	Not detected	50.0	165	**102.0**	113		**0.9**

Associated Samples: AC94572 30-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Lead*** **Batch Name:** PB_TCLP-19966 **QA Sample #:** AC94572

Unit of Measure: mg/L **York's Sample ID:** 06050640-01

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
PB_TCLP		0.493							

YORK

Report Date: 5/17/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050231

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/05/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-050406		PR-VOC2-050406	
York Sample ID			06050231-01		06050231-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			10	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			200	5.0	470	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-4-050406	
York Sample ID			06050231-03	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	12
2,4,5-Trichlorophenol			Not detected	12
2,4,6-Trichlorophenol			Not detected	12
2,4-Dinitrotoluene			Not detected	12
Cresol (Total)			Not detected	12
Hexachloro-1,3-butadiene			Not detected	12
Hexachlorobenzene			Not detected	12
Hexachloroethane			Not detected	12
m-Cresol			Not detected	12
Nitrobenzene			Not detected	12
o-Cresol			Not detected	12
p-Cresol			Not detected	12
Pentachlorophenol			Not detected	12
Pyridine			Not detected	12
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			0.020	0.010
TCLP Barium			0.450	0.010
TCLP Cadmium			0.005	0.005
TCLP Chromium			0.042	0.005
TCLP Lead			0.122	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	2.00
Endrin			Not detected	0.048
Heptachlor (and the epoxide)			Not detected	0.048
Lindane			Not detected	0.048
Methoxychlor			Not detected	0.480
Toxaphene			Not detected	2.00
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			13	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			Not detected	5.0
Tetrachloroethylene			320	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0

YORK

Client Sample ID			PR-4-050406	
York Sample ID			06050231-03	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			1.81	1.00
Barium, total			64.0	0.50
Cadmium, total			Not detected	0.50
Chromium, total			22.7	0.50
Lead, total			212	0.50
Selenium, total			Not detected	1.00
Silver, total			Not detected	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	51.9	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050231

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/17/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93211 — 17-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19760 **QA Sample #:** AC93211

Unit of Measure: ug/L **York's Sample ID:** 06050231-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	70	Not detected	Not detected	100	66	**66.000**	73	**73.000**	**10.072**
1,2,4-trichlorobenzene	41	Not detected	Not detected	100	40	**40.000**	41	**41.000**	**2.469**
Phenol	33	Not detected	Not detected	200	62	**31.000**	67	**33.500**	**7.752**
Pentachlorophenol	67	Not detected	Not detected	200	129	**64.500**	137	**68.500**	**6.015**
N-Nitroso-di-n-propylamine	38	Not detected	Not detected	100	55	**55.000**	60	**60.000**	**8.696**
Acenapthene	57	Not detected	Not detected	100	54	**54.000**	60	**60.000**	**10.526**
4-Chloro-3-methyliphenol	61	Not detected	Not detected	200	122	**61.000**	122	**61.000**	**0.000**
2-Chlorophenol	48	Not detected	Not detected	200	91	**45.500**	98	**49.000**	**7.407**
2,4-Dinitrotoluene	55	Not detected	Not detected	100	53	**53.000**	57	**57.000**	**7.273**
1,4-Dichlorobenzene	36	Not detected	Not detected	100	35	**35.000**	37	**37.000**	**5.556**
4-Nitrophenol	38	Not detected	Not detected	200	70	**35.000**	83	**41.500**	**16.993**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93211 17-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19761 **QA Sample #:** AC93211

Unit of Measure: ppm **York's Sample ID:** 06050231-03

Parameter				Matrix Spike			Spike Duplicate		
	LCS(%)	Unspiked Result	Blank	Amount	Result	Recovery, %	Duplicate	Recovery,%	Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	95.4	Not detected	Not detected	2.00	1.88	**94.000**	Not detected		
Silver	106	Not detected	Not detected	0.050	0.053	**106.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	95.6	Not detected	Not detected	0.050	0.048	**96.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	102	0.005	Not detected	0.500	0.502	**99.400**	0.005		**0.000**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	107	0.347	Not detected	2.00	2.45	**105.150**	0.351		**1.146**
Arsenic	98.1	Not detected	Not detected	2.00	1.93	**96.500**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	99.8	Not detected	Not detected	0.200	0.199	**99.500**	Not detected		

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93211

17-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)***

Batch Name: $MTS-19762

QA Sample #: AC93211

Unit of Measure: ppm

York's Sample ID: 06050231-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	101	3.80	Not detected	200	195	**95.60**	3.66		**3.75**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	102	0	Not detected	5.0	4.46	**89.20**	Not detected		**Not detected**
Selenium	99.2	0	Not detected	200	187	**93.50**	Not detected		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	95.8	11.1	Not detected	20.0	30.8	**98.500**	11.2		**0.897**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	96.9	0.64	Not detected	5.0	5.30	**93.200**	0.64		**0.000**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	104	53.0	Not detected	200	262	**104.50**	53.2		**0.38**
Lead	102	33.9	Not detected	50.0	83.1	**98.40**	34.2		**0.88**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93211 — 17-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19763 **QA Sample #:** AC93211

Unit of Measure: ug/L **York's Sample ID:** 06050231-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	60	Not detected	Not detected	1.00	0.56	**56.000**	0.64	**64.000**	**13.333**
Lindane	72	Not detected	Not detected	1.00	0.66	**66.000**	0.78	**78.000**	**16.667**
Heptachlor	57	Not detected	Not detected	1.00	0.53	**53.000**	0.61	**61.000**	**14.035**
Dieldrin	64	Not detected	Not detected	2.00	1.21	**60.500**	1.37	**68.500**	**12.403**
4,4'-DDT	56	Not detected	Not detected	2.00	1.04	**52.000**	1.19	**59.500**	**13.453**
Endrin	68	Not detected	Not detected	2.00	1.28	**64.000**	1.43	**71.500**	**11.070**

Associated Samples: AC93211 — 17-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19764 **QA Sample #:** AC93211

Unit of Measure: ug/L **York's Sample ID:** 06050231-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)		Not detected							
2,4-D		Not detected							

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93211 — 17-May-06

Client: TRC Environmental

Analysis Name: *VOA QC WATERS* — **Batch Name:** $VOAW-19765 — **QA Sample #:** AC93211

Unit of Measure: ug/L — **York's Sample ID:** 06050231-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	110	Not detected	Not detected	50	52	**104.0**	55	**110.0**	**5.6**
Benzene	104	Not detected	Not detected	50	51	**102.0**	49	**98.0**	**4.0**
Chlorobenzene	100	Not detected	Not detected	50	50	**100.0**	48	**96.0**	**4.1**
Toluene	98	Not detected	Not detected	50	50	**100.0**	50	**100.0**	**0.0**
Trichloroethylene	96	Not detected	Not detected	50	49	**98.0**	49	**98.0**	**0.0**

Associated Samples: AC93211 — 17-May-06

Client: TRC Environmental

Analysis Name: *Mercury* — **Batch Name:** HG8_S-19766 — **QA Sample #:** AC93211

Unit of Measure: mg/kG — **York's Sample ID:** 06050231-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	82.2	Not detected	Not detected	1.50	1.35	**89.4**	Not detected		**0**

Associated Samples: AC93211 — 17-May-06

Client: TRC Environmental

Analysis Name: *TCLP Mercury* — **Batch Name:** HGTCLP-19767 — **QA Sample #:** AC93211

Unit of Measure: mg/L — **York's Sample ID:** 06050231-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	82.0	Not detected	Not detected	0.0030	0.0026	**86.2**	Not detected		**0**

YORK

Report Date: 5/18/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050284

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/08/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-050506		PR-VOC2-050506	
York Sample ID			06050284-01		06050284-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	5	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			120	5.0	240	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-5-050506	
York Sample ID			06050284-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	11
2,4,5-Trichlorophenol			Not detected	11
2,4,6-Trichlorophenol			Not detected	11
2,4-Dinitrotoluene			Not detected	11
Cresol (Total)			Not detected	11
Hexachloro-1,3-butadiene			Not detected	11
Hexachlorobenzene			Not detected	11
Hexachloroethane			Not detected	11
m-Cresol			Not detected	11
Nitrobenzene			Not detected	11
o-Cresol			Not detected	11
p-Cresol			Not detected	11
Pentachlorophenol			Not detected	11
Pyridine			Not detected	11
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			0.017	0.010
TCLP Barium			0.427	0.010
TCLP Cadmium			Not detected	0.005
TCLP Chromium			0.032	0.005
TCLP Lead			0.427	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	2.80
Endrin			Not detected	0.0672
Heptachlor (and the epoxide)			Not detected	0.0672
Lindane			Not detected	0.0672
Methoxychlor			Not detected	0.672
Toxaphene			Not detected	2.80
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			40	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			200	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0

YORK

Client Sample ID			PR-5-050506	
York Sample ID			06050284-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			2.57	1.00
Barium, total			114	0.50
Cadmium, total			Not detected	0.50
Chromium, total			17.4	0.50
Lead, total			172	0.50
Selenium, total			Not detected	1.00
Silver, total			Not detected	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	63.1	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050284

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____ **Date:** 5/18/2006
Robert Q. Bradley
Managing Director

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93398 — 18-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19770 **QA Sample #:** AC93398

Unit of Measure: ug/L **York's Sample ID:** 06050284-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	64	Not detected	Not detected	100	66	**66.000**	62	**62.000**	**6.250**
1,2,4-trichlorobenzene	49	Not detected	Not detected	100	51	**51.000**	46	**46.000**	**10.309**
Phenol	33	Not detected	Not detected	200	71	**35.500**	61	**30.500**	**15.152**
Pentachlorophenol	91	Not detected	Not detected	200	188	**94.000**	175	**87.500**	**7.163**
N-Nitroso-di-n-propylamine	48	Not detected	Not detected	100	50	**50.000**	45	**45.000**	**10.526**
Acenapthene	61	Not detected	Not detected	100	64	**64.000**	58	**58.000**	**9.836**
4-Chloro-3-methyliphenol	67	Not detected	Not detected	200	140	**70.000**	126	**63.000**	**10.526**
2-Chlorophenol	55	Not detected	Not detected	200	116	**58.000**	105	**52.500**	**9.955**
2,4-Dinitrotoluene	62	Not detected	Not detected	100	63	**63.000**	60	**60.000**	**4.878**
1,4-Dichlorobenzene	45	Not detected	Not detected	100	47	**47.000**	43	**43.000**	**8.889**
4-Nitrophenol	45	Not detected	Not detected	200	96	**48.000**	84	**42.000**	**13.333**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93398 — 18-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19771 **QA Sample #:** AC93398

Unit of Measure: ppm **York's Sample ID:** 06050284-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	95.4	Not detected	Not detected	2.00	1.88	**94.000**	Not detected		
Silver	106	Not detected	Not detected	0.050	0.053	**106.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	95.6	Not detected	Not detected	0.050	0.048	**96.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	102	0.005	Not detected	0.500	0.502	**99.400**	0.005		**0.000**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	107	0.347	Not detected	2.00	2.45	**105.150**	0.351		**1.146**
Arsenic	98.1	Not detected	Not detected	2.00	1.93	**96.500**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	99.8	Not detected	Not detected	0.200	0.199	**99.500**	Not detected		

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93398 — 18-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19772 **QA Sample #:** AC93398

Unit of Measure: ppm **York's Sample ID:** 06050284-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	101	6.93	Not detected	200	200	**96.54**	6.65		**4.12**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	101	0	Not detected	5.0	4.91	**98.20**	0		**Not detected**
Selenium	96.9	0	Not detected	200	190	**95.00**	0		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	94.4	9.32	Not detected	20.0	28.6	**96.400**	9.27		**0.538**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	95.9	0	Not detected	5.0	4.67	**93.400**	0		**Not detected**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	103	49.1	Not detected	200	256	**103.45**	48.7		**0.82**
Lead	99.2	14.9	Not detected	50.0	63.5	**97.20**	14.7		**1.35**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93398 — 18-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19773 **QA Sample #:** AC93398
Unit of Measure: ug/L **York's Sample ID:** 06050284-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Aldrin	70	Not detected	Not detected	1.00	0.65	**65.000**	0.75	**75.000**	**14.286**
Lindane	76	Not detected	Not detected	1.00	0.70	**70.000**	0.81	**81.000**	**14.570**
Heptachlor	64	Not detected	Not detected	1.00	0.61	**61.000**	0.68	**68.000**	**10.853**
Dieldrin	69	Not detected	Not detected	2.00	1.30	**65.000**	1.46	**73.000**	**11.594**
4,4'-DDT	61	Not detected	Not detected	2.00	1.13	**56.500**	1.29	**64.500**	**13.223**
Endrin	72	Not detected	Not detected	2.00	1.37	**68.500**	1.53	**76.500**	**11.034**

Associated Samples: AC93398 — 18-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19774 **QA Sample #:** AC93398
Unit of Measure: ug/L **York's Sample ID:** 06050284-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
2,4,5-TP (Silvex)	80.1	Not detected	Not detected	40	29.8	74..5	25.9	64.8	4.0
2,4-D	71.9	Not detected	Not detected	40	31.6	79.0	28.4	71.0	10.7

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93398 — 18-May-06

Client: TRC Environmental

Analysis Name: ***VOA QC WATERS*** **Batch Name:** $VOAW-19775 **QA Sample #:** AC93398

Unit of Measure: ug/L **York's Sample ID:** 06050284-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	110	Not detected	Not detected	50	52	**104.0**	55	**110.0**	**5.6**
Benzene	104	Not detected	Not detected	50	51	**102.0**	49	**98.0**	**4.0**
Chlorobenzene	100	Not detected	Not detected	50	50	**100.0**	48	**96.0**	**4.1**
Toluene	98	Not detected	Not detected	50	50	**100.0**	50	**100.0**	**0.0**
Trichloroethylene	96	Not detected	Not detected	50	49	**98.0**	49	**98.0**	**0.0**

Associated Samples: AC93398 — 18-May-06

Client: TRC Environmental

Analysis Name: ***Mercury*** **Batch Name:** HG8_S-19776 **QA Sample #:** AC93398

Unit of Measure: mg/kG **York's Sample ID:** 06050284-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	82.2	Not detected	Not detected	1.50	1.55	**103.3**	Not detected		**0**

Associated Samples: AC93398 — 18-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Mercury*** **Batch Name:** HGTCLP-19777 **QA Sample #:** AC93398

Unit of Measure: mg/L **York's Sample ID:** 06050284-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	92.5	Not detected	Not detected	0.0030	0.0026	**86.2**	Not detected		**0**

Report Date: 5/18/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050322

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/09/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-050806		PR-VOC2-050806	
York Sample ID			06050322-01		06050322-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	130	Not detected	100
1,2-Dichloroethane			Not detected	130	Not detected	100
1,4-Dichlorobenzene			Not detected	130	Not detected	100
Benzene			Not detected	130	Not detected	100
Carbon tetrachloride			Not detected	130	Not detected	100
Chlorobenzene			Not detected	130	Not detected	100
Chloroform			Not detected	130	Not detected	100
Methyl Ethyl Ketone			4500	130	3700	100
Tetrachloroethylene			Not detected	130	Not detected	100
Trichloroethylene			Not detected	130	Not detected	100
Vinyl Chloride			Not detected	130	Not detected	100

YORK

Client Sample ID			PR-6-050806	
York Sample ID			06050322-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	11
2,4,5-Trichlorophenol			Not detected	11
2,4,6-Trichlorophenol			Not detected	11
2,4-Dinitrotoluene			Not detected	11
Cresol (Total)			Not detected	11
Hexachloro-1,3-butadiene			Not detected	11
Hexachlorobenzene			Not detected	11
Hexachloroethane			Not detected	11
m-Cresol			Not detected	11
Nitrobenzene			Not detected	11
o-Cresol			Not detected	11
p-Cresol			Not detected	11
Pentachlorophenol			Not detected	11
Pyridine			Not detected	11
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			0.012	0.010
TCLP Barium			0.234	0.010
TCLP Cadmium			Not detected	0.005
TCLP Chromium			0.024	0.005
TCLP Lead			0.179	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	2.00
Endrin			Not detected	0.048
Heptachlor (and the epoxide)			Not detected	0.048
Lindane			Not detected	0.048
Methoxychlor			Not detected	0.480
Toxaphene			Not detected	2.00
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			8	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			320	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			1.36	1.00
Barium, total			19.5	0.50
Cadmium, total			Not detected	0.50
Chromium, total			13.6	0.50

YORK

Client Sample ID			PR-6-050806	
York Sample ID			06050322-03	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
Lead, total			304	0.50
Selenium, total			Not detected	1.00
Silver, total			1.84	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	49.9	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050322

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/18/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93477 18-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19783 **QA Sample #:** AC93477

Unit of Measure: ug/L **York's Sample ID:** 06050322-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	64	Not detected	Not detected	100	66	**66.000**	62	**62.000**	**6.250**
1,2,4-Trichlorobenze	49	Not detected	Not detected	100	51	**51.000**	46	**46.000**	**10.309**
Phenol	33	Not detected	Not detected	200	71	**35.500**	61	**30.500**	**15.152**
Pentachlorophenol	91	Not detected	Not detected	200	188	**94.000**	175	**87.500**	**7.163**
N-Nitroso-di-n-propyl	48	Not detected	Not detected	100	50	**50.000**	45	**45.000**	**10.526**
Acenapthene	61	Not detected	Not detected	100	64	**64.000**	58	**58.000**	**9.836**
4-Chloro-3-methylph	67	Not detected	Not detected	200	140	**70.000**	126	**63.000**	**10.526**
2-Chlorophenol	55	Not detected	Not detected	200	116	**58.000**	105	**52.500**	**9.955**
2,4-Dinitrotoluene	62	Not detected	Not detected	100	63	**63.000**	60	**60.000**	**4.878**
1,4-Dichlorobenzene	45	Not detected	Not detected	100	47	**47.000**	43	**43.000**	**8.889**
4-Nitrophenol	45	Not detected	Not detected	200	96	**48.000**	84	**42.000**	**13.333**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93477 — 18-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19784 **QA Sample #:** AC93477

Unit of Measure: ppm **York's Sample ID:** 06050322-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Recovery, %	Spike Duplicate	Recovery,%	Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	95.4	Not detected	Not detected	2.00	1.88	**94.000**	Not detected		
Silver	106	Not detected	Not detected	0.050	0.053	**106.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	95.6	Not detected	Not detected	0.050	0.048	**96.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	102	0.005	Not detected	0.500	0.502	**99.400**	0.005		**0.000**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	107	0.347	Not detected	2.00	2.45	**105.150**	0.351		**1.146**
Arsenic	98.1	Not detected	Not detected	2.00	1.93	**96.500**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	99.8	Not detected	Not detected	0.200	0.199	**99.500**	Not detected		

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93477 — 18-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19785 **QA Sample #:** AC93477

Unit of Measure: ppm **York's Sample ID:** 06050322-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	101	6.93	Not detected	200	200	**96.54**	6.65		**4.12**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	101	0	Not detected	5.0	4.91	**98.20**	Not detected		**Not detected**
Selenium	96.9	0	Not detected	200	190	**95.00**	Not detected		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	50.0	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	94.4	9.32	Not detected	20.0	28.6	**96.400**	9.27		**0.538**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	95.9	0	Not detected	5.0	4.67	**93.400**	Not detected		**Not detected**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	103	49.1	Not detected	200	256	**103.45**	48.7		**0.82**
Lead	99.2	14.9	Not detected	50.0	63.5	**97.20**	14.7		**1.35**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93477 — 18-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19786 **QA Sample #:** AC93477

Unit of Measure: ug/L **York's Sample ID:** 06050322-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	70	Not detected	Not detected	1.00	0.65	**65.000**	0.75	**75.000**	**14.286**
Lindane	76	Not detected	Not detected	1.00	0.70	**70.000**	0.81	**81.000**	**14.570**
Heptachlor	64	Not detected	Not detected	1.00	0.61	**61.000**	0.68	**68.000**	**10.853**
Dieldrin	69	Not detected	Not detected	2.00	1.30	**65.000**	1.46	**73.000**	**11.594**
4,4'-DDT	61	Not detected	Not detected	2.00	1.13	**56.500**	1.29	**64.500**	**13.223**
Endrin	72	Not detected	Not detected	2.00	1.37	**68.500**	1.53	**76.500**	**11.034**

Associated Samples: AC93477 — 18-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19787 **QA Sample #:** AC93477

Unit of Measure: ug/L **York's Sample ID:** 06050322-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	71.9	Not detected	Not detected	40	29.6	74.0	27.5	68.8	7.4
2,4-D	67.5	Not detected	Not detected	40	31.6	79.0	29.4	73.5	7.2

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93477 — 18-May-06

Client: TRC Environmental

Analysis Name: ***VOA QC WATERS*** **Batch Name:** $VOAW-19788 **QA Sample #:** AC93477

Unit of Measure: ug/L **York's Sample ID:** 06050322-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	102	Not detected	Not detected	50	52	**104.0**	55	**110.0**	**5.6**
Benzene	96	Not detected	Not detected	50	51	**102.0**	49	**98.0**	**4.0**
Chlorobenzene	96	Not detected	Not detected	50	50	**100.0**	48	**96.0**	**4.1**
Toluene	98	Not detected	Not detected	50	50	**100.0**	50	**100.0**	**0.0**
Trichloroethylene	94	Not detected	Not detected	50	49	**98.0**	49	**98.0**	**0.0**

Associated Samples: AC93477 — 18-May-06

Client: TRC Environmental

Analysis Name: ***Mercury*** **Batch Name:** HG8_S-19789 **QA Sample #:** AC93477

Unit of Measure: mg/kG **York's Sample ID:** 06050322-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	75.6	Not detected	Not detected	1.50	1.57	**102.6**	Not detected		**17.6**

Associated Samples: AC93477 — 18-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Mercury*** **Batch Name:** HGTCLP-19790 **QA Sample #:** AC93477

Unit of Measure: mg/L **York's Sample ID:** 06050322-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	92.5	Not detected	Not detected	0.0030	0.0026	**96.2**	Not detected		**0**

Report Date: 5/19/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050375

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/10/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-050906		PR-VOC2-050906	
York Sample ID			06050375-01		06050375-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	25	Not detected	50
1,2-Dichloroethane			Not detected	25	Not detected	50
1,4-Dichlorobenzene			Not detected	25	Not detected	50
Benzene			Not detected	25	Not detected	50
Carbon tetrachloride			Not detected	25	Not detected	50
Chlorobenzene			Not detected	25	Not detected	50
Chloroform			Not detected	25	Not detected	50
Methyl Ethyl Ketone			2100	25	4900	50
Tetrachloroethylene			Not detected	25	Not detected	50
Trichloroethylene			Not detected	25	Not detected	50
Vinyl Chloride			Not detected	25	Not detected	50

YORK

Client Sample ID			PR-7-050906	
York Sample ID			06050375-03	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	8.7
2,4,5-Trichlorophenol			Not detected	8.7
2,4,6-Trichlorophenol			Not detected	8.7
2,4-Dinitrotoluene			Not detected	8.7
Cresol (Total)			Not detected	8.7
Hexachloro-1,3-butadiene			Not detected	8.7
Hexachlorobenzene			Not detected	8.7
Hexachloroethane			Not detected	8.7
m-Cresol			Not detected	8.7
Nitrobenzene			Not detected	8.7
o-Cresol			Not detected	8.7
p-Cresol			Not detected	8.7
Pentachlorophenol			Not detected	8.7
Pyridine			Not detected	8.7
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			0.020	0.010
TCLP Barium			0.326	0.010
TCLP Cadmium			Not detected	0.005
TCLP Chromium			0.033	0.005
TCLP Lead			0.134	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	2.50
Endrin			Not detected	0.060
Heptachlor (and the epoxide)			Not detected	0.060
Lindane			Not detected	0.060
Methoxychlor			Not detected	0.600
Toxaphene			Not detected	2.50
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			14	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			260	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0

YORK

Client Sample ID			PR-7-050906	
York Sample ID			06050375-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			2.07	1.00
Barium, total			57.1	0.50
Cadmium, total			1.13	0.50
Chromium, total			14.8	0.50
Lead, total			368	0.50
Selenium, total			Not detected	1.00
Silver, total			35.3	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	56.6	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050375

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: _____ **Date:** 5/19/2006
Robert Q. Bradley
Managing Director

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93660 — 19-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19808 **QA Sample #:** AC93660

Unit of Measure: ug/L **York's Sample ID:** 06050375-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	64	Not detected	Not detected	100	66	**66.000**	62	**62.000**	**6.250**
1,2,4-trichlorobenzene	49	Not detected	Not detected	100	51	**51.000**	46	**46.000**	**10.309**
Phenol	33	Not detected	Not detected	200	71	**35.500**	61	**30.500**	**15.152**
Pentachlorophenol	91	Not detected	Not detected	200	188	**94.000**	175	**87.500**	**7.163**
N-Nitroso-di-n-propylamine	48	Not detected	Not detected	100	50	**50.000**	45	**45.000**	**10.526**
Acenapthene	61	Not detected	Not detected	100	64	**64.000**	58	**58.000**	**9.836**
4-Chloro-3-methyliphenol	67	Not detected	Not detected	200	140	**70.000**	126	**63.000**	**10.526**
2-Chlorophenol	55	Not detected	Not detected	200	116	**58.000**	105	**52.500**	**9.955**
2,4-Dinitrotoluene	62	Not detected	Not detected	100	63	**63.000**	60	**60.000**	**4.878**
1,4-Dichlorobenzene	45	Not detected	Not detected	100	47	**47.000**	43	**43.000**	**8.889**
4-Nitrophenol	45	Not detected	Not detected	200	96	**48.000**	84	**42.000**	**13.333**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93660 — 19-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19809 **QA Sample #:** AC93660

Unit of Measure: ppm **York's Sample ID:** 06050375-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Recovery, %	Spike Duplicate Duplicate	Recovery,%	Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	95.4	Not detected	Not detected	2.00	1.88	**94.000**	Not detected		
Silver	106	Not detected	Not detected	0.050	0.053	**106.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	95.6	Not detected	Not detected	0.050	0.048	**96.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	102	0.005	Not detected	0.500	0.502	**99.400**	0.005		**0.000**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	107	0.347	Not detected	2.00	2.45	**105.150**	0.351		**1.146**
Arsenic	98.1	Not detected	Not detected	2.00	1.93	**96.500**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	99.8	Not detected	Not detected	0.200	0.199	**99.500**	Not detected		

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93660 19-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19810 **QA Sample #:** AC93660

Unit of Measure: ppm **York's Sample ID:** 06050375-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	101	6.93	Not detected	200	200	**96.54**	6.65		**4.12**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	101	0	Not detected	5.0	4.91	**98.20**	Not detected		**Not detected**
Selenium	96.9	0	Not detected	200	190	**95.00**	Not detected		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	94.4	9.32	Not detected	20.0	28.6	**96.400**	9.27		**0.538**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	95.9	0	Not detected	5.0	4.67	**93.400**	Not detected		**Not detected**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	103	49.1	Not detected	200	256	**103.45**	48.7		**0.82**
Lead	99.2	14.9	Not detected	50.0	63.5	**97.20**	14.7		**1.35**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

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Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93660 — 19-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19811 **QA Sample #:** AC93660
Unit of Measure: ug/L **York's Sample ID:** 06050375-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	70	Not detected	Not detected	1.00	0.65	**65.000**	0.75	**75.000**	**14.286**
Lindane	76	Not detected	Not detected	1.00	0.70	**70.000**	0.81	**81.000**	**14.570**
Heptachlor	64	Not detected	Not detected	1.00	0.61	**61.000**	0.68	**68.000**	**10.853**
Dieldrin	69	Not detected	Not detected	2.00	1.30	**65.000**	1.46	**73.000**	**11.594**
4,4'-DDT	61	Not detected	Not detected	2.00	1.13	**56.500**	1.29	**64.500**	**13.223**
Endrin	72	Not detected	Not detected	2.00	1.37	**68.500**	1.53	**76.500**	**11.034**

Associated Samples: AC93660 — 19-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19812 **QA Sample #:** AC93660
Unit of Measure: ug/L **York's Sample ID:** 06050375-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	79.8	Not detected	Not detected	4.0	39.7	99.3	35.9	89.8	10.1
2,4-DN	71.6	Not detected	Not detected	4.0	35.9	89.8	34.2	85.5	4.9

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93660 — 19-May-06

Client: TRC Environmental

Analysis Name: *VOA QC WATERS* — **Batch Name:** $VOAW-19813 — **QA Sample #:** AC93660

Unit of Measure: ug/L — **York's Sample ID:** 06050375-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	102	Not detected	Not detected	50	52	**104.0**	55	**110.0**	**5.6**
Benzene	96	Not detected	Not detected	50	51	**102.0**	49	**98.0**	**4.0**
Chlorobenzene	96	Not detected	Not detected	50	50	**100.0**	48	**96.0**	**4.1**
Toluene	98	Not detected	Not detected	50	50	**100.0**	50	**100.0**	**0.0**
Trichloroethylene	94	Not detected	Not detected	50	49	**98.0**	49	**98.0**	**0.0**

Associated Samples: AC93660 — 19-May-06

Client: TRC Environmental

Analysis Name: *Mercury* — **Batch Name:** HG8_S-19814 — **QA Sample #:** AC93660

Unit of Measure: mg/kG — **York's Sample ID:** 06050375-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	75.6	Not detected	Not detected	1.50	1.43	**94.3**	Not detected		**9.4**

Associated Samples: AC93660 — 19-May-06

Client: TRC Environmental

Analysis Name: *TCLP Mercury* — **Batch Name:** HGTCLP-19815 — **QA Sample #:** AC93660

Unit of Measure: mg/L — **York's Sample ID:** 06050375-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	92.5	Not detected	Not detected	0.0030	0.0029	**96.2**	Not detected		**0**

YORK

Report Date: 5/22/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050427

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/11/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-051006		PR-VOC2-051006	
York Sample ID			06050427-01		06050427-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			9	5.0	49	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			290	5.0	76	5.0
Tetrachloroethylene			Not detected	5.0	8	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-VOC3-051006	
York Sample ID			06050427-03	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			21	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			460	5.0
Tetrachloroethylene			15	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0

Client Sample ID			PR-8-051006		PR-15-051006	
York Sample ID			06050427-04		06050427-05	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---	---	---
1,4-Dichlorobenzene			Not detected	12	Not detected	15
2,4,5-Trichlorophenol			Not detected	12	Not detected	15
2,4,6-Trichlorophenol			Not detected	12	Not detected	15
2,4-Dinitrotoluene			Not detected	12	Not detected	15
Cresol (Total)			13	12	24	15
Hexachloro-1,3-butadiene			Not detected	12	Not detected	15
Hexachlorobenzene			Not detected	12	Not detected	15
Hexachloroethane			Not detected	12	Not detected	15
m-Cresol			Not detected	12	Not detected	15
Nitrobenzene			Not detected	12	Not detected	15
o-Cresol			Not detected	12	Not detected	15
p-Cresol			13	12	24	15
Pentachlorophenol			Not detected	12	Not detected	15
Pyridine			Not detected	12	Not detected	15
TCLP Herbicides	SW-846/8151	ug/L	---	---	---	---
2,4,5-TP (Silvex)			Not detected	25.0	Not detected	25.0
2,4-D			Not detected	25.0	Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---	---	---
TCLP Arsenic			0.033	0.010	0.034	0.010
TCLP Barium			0.372	0.010	0.383	0.010
TCLP Cadmium			Not detected	0.005	0.006	0.005
TCLP Chromium			0.037	0.005	0.055	0.005
TCLP Lead			0.354	0.005	0.554	0.005
TCLP Selenium			Not detected	0.010	Not detected	0.010
TCLP Silver			Not detected	0.005	Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0010	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---	---	---
Chlordane			Not detected	4.00	Not detected	3.10
Endrin			Not detected	0.096	Not detected	0.0744
Heptachlor (and the epoxide)			Not detected	0.096	Not detected	0.0744
Lindane			Not detected	0.096	Not detected	0.0744

YORK

Client Sample ID			PR-8-051006		PR-15-051006	
York Sample ID			06050427-04		06050427-05	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
Methoxychlor			Not detected	0.960	Not detected	0.744
Toxaphene			Not detected	4.00	Not detected	3.10
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			37	5.0	55	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			240	5.0	160	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0
Total RCRA Metals	SW846	mg/kG	---	---	---	---
Arsenic, total			7.45	1.00	5.11	1.00
Barium, total			52.8	0.50	71.3	0.50
Cadmium, total			0.74	0.50	Not detected	0.50
Chromium, total			25.4	0.50	20.1	0.50
Lead, total			766	0.50	480	0.50
Selenium, total			Not detected	1.00	Not detected	1.00
Silver, total			Not detected	0.50	Not detected	0.50
Mercury	SW846-7471	mg/kG	0.15	0.10	Not detected	0.10
Total Solids	SM 2540B	%	45.5	1.0	59.0	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050427

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/22/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93903 — 22-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19847 **QA Sample #:** AC93903

Unit of Measure: ug/L **York's Sample ID:** 06050427-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Pyrene	64	Not detected	Not detected	100	67	**67.000**	60	**60.000**	**11.024**
1,2,4-Trichlorobenze	48	Not detected	Not detected	100	50	**50.000**	46	**46.000**	**8.333**
Phenol	27	Not detected	Not detected	200	57	**28.500**	51	**25.500**	**11.111**
Pentachlorophenol	69	Not detected	Not detected	200	144	**72.000**	129	**64.500**	**10.989**
N-Nitroso-di-n-propyl	54	Not detected	Not detected	100	56	**56.000**	51	**51.000**	**9.346**
Acenapthene	52	Not detected	Not detected	100	55	**55.000**	49	**49.000**	**11.538**
4-Chloro-3-methylph	52	Not detected	Not detected	200	107	**53.500**	101	**50.500**	**5.769**
2-Chlorophenol	46	Not detected	Not detected	200	94	**47.000**	89	**44.500**	**5.464**
2,4-Dinitrotoluene	58	Not detected	Not detected	100	61	**61.000**	55	**55.000**	**10.345**
1,4-Dichlorobenzene	41	Not detected	Not detected	100	42	**42.000**	39	**39.000**	**7.407**
4-Nitrophenol	38	Not detected	Not detected	200	80	**40.000**	72	**36.000**	**10.526**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93903 — 22-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19848 **QA Sample #:** AC93903

Unit of Measure: ppm **York's Sample ID:** 06050427-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Recovery, %	Spike Duplicate	Recovery,%	Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	98.0	Not detected	Not detected	2.00	1.93	**96.500**	Not detected		
Silver	108	Not detected	Not detected	0.050	0.053	**106.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	98.6	Not detected	Not detected	0.050	0.050	**100.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	105	0.039	Not detected	0.500	0.547	**101.600**	0.039		**0.000**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	110	0.392	Not detected	2.00	2.57	**108.900**	0.380		**3.109**
Arsenic	98.2	Not detected	Not detected	2.00	1.97	**98.500**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	102	Not detected	Not detected	0.200	0.205	**102.500**	Not detected		

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93903 — 22-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19849 **QA Sample #:** AC93903

Unit of Measure: ppm **York's Sample ID:** 06050427-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Recovery, %	Spike Duplicate Duplicate	Recovery,%	Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Arsenic	100	1.36	Not detected	200	190	**94.32**	1.33		**2.23**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Silver	103	1.80	Not detected	5.0	6.98	**103.60**	1.80		**0.00**
Selenium	98.4	0	Not detected	200	190	**95.00**	0		
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	91.2	59.4	Not detected	20.0	78.0	**93.000**	59.7		**0.504**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cadmium	98.2	0.45	Not detected	5.0	5.12	**93.400**	0.44		**2.247**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	102	39.0	Not detected	200	241	**101.00**	39.2		**0.51**
Lead	98.3	71.4	Not detected	50.0	119	**95.20**	71.8		**0.56**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93903 — 22-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19850 **QA Sample #:** AC93903
Unit of Measure: ug/L **York's Sample ID:** 06050427-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	73	Not detected	Not detected	1.00	0.64	**64.000**	0.76	**76.000**	**17.143**
Lindane	81	Not detected	Not detected	1.00	0.72	**72.000**	0.83	**83.000**	**14.194**
Heptachlor	67	Not detected	Not detected	1.00	0.65	**65.000**	0.74	**74.000**	**12.950**
Dieldrin	69	Not detected	Not detected	2.00	1.30	**65.000**	1.44	**72.000**	**10.219**
4,4'-DDT	59	Not detected	Not detected	2.00	0.92	**46.000**	1.16	**58.000**	**23.077**
Endrin	71	Not detected	Not detected	2.00	1.36	**68.000**	1.51	**75.500**	**10.453**

Associated Samples: AC93903 — 22-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19851 **QA Sample #:** AC93903
Unit of Measure: ug/L **York's Sample ID:** 06050427-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	65.7	Not detected	Not detected	40	31.6	79.0	29.5	73.8	6.9
2,4-D	67.5	Not detected	Not detected	40	34.6	86.5	30.9	77.3	11.3

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC93903 — 22-May-06

Client: TRC Environmental

Analysis Name: ***VOA QC WATERS*** **Batch Name:** $VOAW-19852 **QA Sample #:** AC93903

Unit of Measure: ug/L **York's Sample ID:** 06050427-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	114	Not detected	Not detected	50	61	**122.0**	61	**122.0**	**0.0**
Benzene	102	Not detected	Not detected	50	54	**108.0**	53	**106.0**	**1.9**
Chlorobenzene	110	Not detected	Not detected	50	56	**112.0**	56	**112.0**	**0.0**
Toluene	104	Not detected	Not detected	50	53	**106.0**	53	**106.0**	**0.0**
Trichloroethylene	104	Not detected	Not detected	50	54	**108.0**	54	**108.0**	**0.0**

Associated Samples: AC93903 — 22-May-06

Client: TRC Environmental

Analysis Name: ***Mercury*** **Batch Name:** HG8_S-19853 **QA Sample #:** AC93903

Unit of Measure: mg/kG **York's Sample ID:** 06050427-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	84.1	0.15	Not detected	1.50	1.46	**96.3**	Not detected		**11.9**

Associated Samples: AC93903 — 22-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Mercury*** **Batch Name:** HGTCLP-19854 **QA Sample #:** AC93903

Unit of Measure: mg/L **York's Sample ID:** 06050427-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	91.6	Not detected	Not detected	0.0030	0.0027	**92.3**	Not detected		**0**

YORK

Report Date: 5/25/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050493

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/12/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-51106		PR-VOC2-51106	
York Sample ID			06050493-01		06050493-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	250	Not detected	5.0
1,2-Dichloroethane			Not detected	250	Not detected	5.0
1,4-Dichlorobenzene			Not detected	250	13	5.0
Benzene			Not detected	250	Not detected	5.0
Carbon tetrachloride			Not detected	250	Not detected	5.0
Chlorobenzene			Not detected	250	Not detected	5.0
Chloroform			Not detected	250	Not detected	5.0
Methyl Ethyl Ketone			6900	250	280	5.0
Tetrachloroethylene			Not detected	250	Not detected	5.0
Trichloroethylene			Not detected	250	Not detected	5.0
Vinyl Chloride			Not detected	250	Not detected	5.0

YORK

Client Sample ID			PR-9-51106	
York Sample ID			06050493-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	100
2,4,5-Trichlorophenol			Not detected	100
2,4,6-Trichlorophenol			Not detected	100
2,4-Dinitrotoluene			Not detected	100
Cresol (Total)			Not detected	100
Hexachloro-1,3-butadiene			Not detected	100
Hexachlorobenzene			Not detected	100
Hexachloroethane			Not detected	100
m-Cresol			Not detected	100
Nitrobenzene			Not detected	100
o-Cresol			Not detected	100
p-Cresol			Not detected	100
Pentachlorophenol			Not detected	100
Pyridine			Not detected	100
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			0.014	0.010
TCLP Barium			0.380	0.010
TCLP Cadmium			0.006	0.005
TCLP Chromium			0.042	0.005
TCLP Lead			0.168	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	20.0
Endrin			Not detected	0.480
Heptachlor (and the epoxide)			Not detected	0.480
Lindane			Not detected	0.480
Methoxychlor			Not detected	4.80
Toxaphene			Not detected	20.0
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	25
1,2-Dichloroethane			Not detected	25
1,4-Dichlorobenzene			Not detected	25
Benzene			Not detected	25
Carbon tetrachloride			Not detected	25
Chlorobenzene			Not detected	25
Chloroform			Not detected	25
Methyl Ethyl Ketone			700	25
Tetrachloroethylene			Not detected	25
Trichloroethylene			Not detected	25
Vinyl Chloride			Not detected	25

YORK

Client Sample ID			PR-9-51106	
York Sample ID			06050493-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			1.36	1.00
Barium, total			39.0	0.50
Cadmium, total			Not detected	0.50
Chromium, total			59.4	0.50
Lead, total			71.4	0.50
Selenium, total			Not detected	1.00
Silver, total			1.80	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	46.3	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050493

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/25/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94081 25-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19857 **QA Sample #:** AC94081

Unit of Measure: ug/L **York's Sample ID:** 06050493-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	74	Not detected	Not detected	100	75	**75.000**	73	**73.000**	**2.703**
1,2,4-Trichlorobenzene	48	Not detected	Not detected	100	46	**46.000**	49	**49.000**	**6.316**
Phenol	13	Not detected	Not detected	200	24	**12.000**	27	**13.500**	**11.765**
Pentachlorophenol	83	Not detected	Not detected	200	160	**80.000**	170	**85.000**	**6.061**
N-Nitroso-di-n-Propylamine	64	Not detected	Not detected	100	63	**63.000**	64	**64.000**	**1.575**
Acenapthene	68	Not detected	Not detected	100	67	**67.000**	68	**68.000**	**1.481**
4-Chloro-3-Methyliphenol	64	Not detected	Not detected	200	121	**60.500**	135	**67.500**	**10.938**
2-Chlorophenol	46	Not detected	Not detected	200	88	**44.000**	97	**48.500**	**9.730**
2,4-Dinitrotoluene	57	Not detected	Not detected	100	56	**56.000**	58	**58.000**	**3.509**
1,4-Dichlorobenzene	44	Not detected	Not detected	100	43	**43.000**	44	**44.000**	**2.299**
4-Nitrophenol	21	Not detected	Not detected	200	43	**21.500**	45	**22.500**	**4.545**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94081 25-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19858 **QA Sample #:** AC94081

Unit of Measure: ppm **York's Sample ID:** 06050493-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	98.0	Not detected	Not detected	2.00	1.93	**96.500**	Not detected		
Silver	108	Not detected	Not detected	0.050	0.053	**106.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	98.6	Not detected	Not detected	0.050	0.050	**100.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	105	0.039	Not detected	0.500	0.547	**101.600**	0.039		**0.000**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	110	0.392	Not detected	2.00	2.57	**108.900**	0.380		**3.109**
Arsenic	98.2	Not detected	Not detected	2.00	1.97	**98.500**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	102	Not detected	Not detected	0.200	0.205	**102.500**	Not detected		

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94081 25-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19859 **QA Sample #:** AC94081

Unit of Measure: ppm **York's Sample ID:** 06050493-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	100	1.36	Not detected	200	190	**94.32**	1.33		**2.23**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	103	1.80	Not detected	5.0	6.98	**103.60**	1.80		**0.00**
Selenium	98.4	0	Not detected	200	190	**95.00**	Not detected		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	91.2	59.4	Not detected	20.0	78.0	**93.000**	59.7		**0.504**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	98.2	0.45	Not detected	5.0	5.12	**93.400**	0.44		**2.247**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	102	39.0	Not detected	200	241	**101.00**	39.2		**0.51**
Lead	98.3	71.4	Not detected	50.0	119	**95.20**	71.8		**0.56**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94081 — 25-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19860 **QA Sample #:** AC94081

Unit of Measure: ug/L **York's Sample ID:** 06050493-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	0.85	Not detected	Not detected	1.00	0.86	**86.000**	0.87	**87.000**	**1.156**
Lindane	0.96	Not detected	Not detected	1.00	0.96	**96.000**	0.95	**95.000**	**1.047**
Heptachlor	0.85	Not detected	Not detected	1.00	0.91	**91.000**	0.92	**92.000**	**1.093**
Dieldrin	1.76	Not detected	Not detected	2.00	1.74	**87.000**	1.76	**88.000**	**1.143**
4,4'-DDT	1.58	Not detected	Not detected	2.00	1.49	**74.500**	1.50	**75.000**	**0.669**
Endrin	1.85	Not detected	Not detected	2.00	1.90	**95.000**	1.90	**95.000**	**0.000**

Associated Samples: AC94081 — 25-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19861 **QA Sample #:** AC94081

Unit of Measure: ug/L **York's Sample ID:** 06050493-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	66.9	Not detected	Not detected	40	27.5	68.8	26.5	66.3	3.7
2,4-D	61.6	Not detected	Not detected	40	29.5	73.8	31.3	78.3	5.9

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94081 — 25-May-06

Client: TRC Environmental

Analysis Name: *VOA QC WATERS* — **Batch Name:** $VOAW-19862 — **QA Sample #:** AC94081

Unit of Measure: ug/L — **York's Sample ID:** 06050493-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	108	Not detected	Not detected	50	43	**86.0**	44	**88.0**	**2.3**
Benzene	100	Not detected	Not detected	50	46	**92.0**	46	**92.0**	**0.0**
Chlorobenzene	98	Not detected	Not detected	50	45	**90.0**	46	**92.0**	**2.2**
Toluene	98	Not detected	Not detected	50	45	**90.0**	45	**90.0**	**0.0**
Trichloroethylene	96	Not detected	Not detected	50	44	**88.0**	45	**90.0**	**2.2**

Associated Samples: AC94081 — 25-May-06

Client: TRC Environmental

Analysis Name: *Mercury* — **Batch Name:** HG8_S-19863 — **QA Sample #:** AC94081

Unit of Measure: mg/kG — **York's Sample ID:** 06050493-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	79.5	Not detected	Not detected	1.50	1.24	**80.8**	Not detected		**13.8**

Associated Samples: AC94081 — 25-May-06

Client: TRC Environmental

Analysis Name: *TCLP Mercury* — **Batch Name:** HGTCLP-19864 — **QA Sample #:** AC94081

Unit of Measure: mg/L — **York's Sample ID:** 06050493-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	91.6	Not detected	Not detected	0.0030	0.0027	**92.3**	Not detected		**0**

Report Date: 5/25/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050535

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/15/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			**PR-VOC1-051206**		**PR-VOC2-051206**	
York Sample ID			**06050535-01**		**06050535-02**	
Matrix			**SOLID**		**SOLID**	
Parameter	**Method**	**Units**	**Results**	**MDL**	**Results**	**MDL**
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	130	Not detected	5.0
1,2-Dichloroethane			Not detected	130	Not detected	5.0
1,4-Dichlorobenzene			Not detected	130	7	5.0
Benzene			Not detected	130	Not detected	5.0
Carbon tetrachloride			Not detected	130	Not detected	5.0
Chlorobenzene			Not detected	130	Not detected	5.0
Chloroform			Not detected	130	Not detected	5.0
Methyl Ethyl Ketone			3900	130	430	5.0
Tetrachloroethylene			Not detected	130	Not detected	5.0
Trichloroethylene			Not detected	130	Not detected	5.0
Vinyl Chloride			Not detected	130	Not detected	5.0

YORK

Client Sample ID			PR-10-051206	
York Sample ID			06050535-03	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	5.0
2,4,5-Trichlorophenol			Not detected	5.0
2,4,6-Trichlorophenol			Not detected	5.0
2,4-Dinitrotoluene			Not detected	5.0
Cresol (Total)			Not detected	5.0
Hexachloro-1,3-butadiene			Not detected	5.0
Hexachlorobenzene			Not detected	5.0
Hexachloroethane			Not detected	5.0
m-Cresol			Not detected	5.0
Nitrobenzene			Not detected	5.0
o-Cresol			Not detected	5.0
p-Cresol			Not detected	5.0
Pentachlorophenol			Not detected	5.0
Pyridine			Not detected	5.0
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			0.025	0.010
TCLP Barium			0.381	0.010
TCLP Cadmium			Not detected	0.005
TCLP Chromium			0.054	0.005
TCLP Lead			0.176	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	2.67
Endrin			Not detected	0.064
Heptachlor (and the epoxide)			Not detected	0.064
Lindane			Not detected	0.064
Methoxychlor			Not detected	0.640
Toxaphene			Not detected	2.67
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	25
1,2-Dichloroethane			Not detected	25
1,4-Dichlorobenzene			Not detected	25
Benzene			Not detected	25
Carbon tetrachloride			Not detected	25
Chlorobenzene			Not detected	25
Chloroform			Not detected	25
Methyl Ethyl Ketone			770	25
Tetrachloroethylene			Not detected	25
Trichloroethylene			Not detected	25
Vinyl Chloride			Not detected	25
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			1.43	1.00
Barium, total			68.9	0.50
Cadmium, total			Not detected	0.50

YORK

Client Sample ID			PR-10-051206	
York Sample ID			06050535-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Chromium, total			8.44	0.50
Lead, total			755	0.50
Selenium, total			Not detected	1.00
Silver, total			1.37	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	49.6	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050535

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/25/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94206 25-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19914 **QA Sample #:** AC94206

Unit of Measure: ug/L **York's Sample ID:** 06050535-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	87	Not detected	Not detected	100	85	**85.000**	88	**88.000**	**3.468**
1,2,4-Trichlorobenze	50	Not detected	Not detected	100	49	**49.000**	51	**51.000**	**4.000**
Phenol	38	Not detected	Not detected	200	71	**35.500**	78	**39.000**	**9.396**
Pentachlorophenol	78	Not detected	Not detected	200	142	**71.000**	168	**84.000**	**16.774**
N-Nitroso-di-n-propyl	66	Not detected	Not detected	100	65	**65.000**	67	**67.000**	**3.030**
Acenapthene	72	Not detected	Not detected	100	71	**71.000**	73	**73.000**	**2.778**
4-Chloro-3-methylph	75	Not detected	Not detected	200	140	**70.000**	161	**80.500**	**13.953**
2-Chlorophenol	62	Not detected	Not detected	200	116	**58.000**	131	**65.500**	**12.146**
2,4-Dinitrotoluene	64	Not detected	Not detected	100	60	**60.000**	67	**67.000**	**11.024**
1,4-Dichlorobenzene	46	Not detected	Not detected	100	46	**46.000**	45	**45.000**	**2.198**
4-Nitrophenol	51	Not detected	Not detected	200	94	**47.000**	111	**55.500**	**16.585**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94206 — 25-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19915 **QA Sample #:** AC94206

Unit of Measure: ppm **York's Sample ID:** 06050535-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	97.4	Not detected	Not detected	2.00	2.17	**108.500**	Not detected		
Silver	106	Not detected	Not detected	0.050	0.045	**90.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	97.9	0.005	Not detected	0.050	0.051	**92.000**	0.005		**0.000**
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	105	0.176	Not detected	0.500	0.634	**91.600**	0.175		**0.570**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	109	0.381	Not detected	2.00	2.33	**97.450**	0.383		**0.524**
Arsenic	101	0.025	Not detected	2.00	2.18	**107.750**	0.022		**12.766**
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	101	0.054	Not detected	0.200	0.248	**97.000**	0.054		**0.000**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94206 25-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19916 **QA Sample #:** AC94206

Unit of Measure: ppm **York's Sample ID:** 06050535-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	100	1.36	Not detected	200	190	**94.32**	1.33		**2.23**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	103	1.80	Not detected	5.0	6.98	**103.60**	1.80		**0.00**
Selenium	98.4	0	Not detected	200	190	**95.00**	Not detected		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	91.2	59.4	Not detected	20.0	78.0	**93.000**	59.7		**0.504**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	98.2	0.45	Not detected	5.0	5.12	**93.400**	0.44		**2.247**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	102	39.0	Not detected	200	241	**101.00**	39.2		**0.51**
Lead	98.3	71.4	Not detected	50.0	119	**95.20**	71.8		**0.56**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94206 — 25-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19917 **QA Sample #:** AC94206

Unit of Measure: ug/L **York's Sample ID:** 06050535-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	91.9	Not detected	Not detected	1.00	0.86	**86.000**	0.87	**87.000**	**1.156**
Lindane	99.0	Not detected	Not detected	1.00	0.96	**96.000**	0.95	**95.000**	**1.047**
Heptachlor	95.0	Not detected	Not detected	1.00	0.91	**91.000**	0.92	**92.000**	**1.093**
Dieldrin	87.5	Not detected	Not detected	2.00	1.74	**87.000**	1.76	**88.000**	**1.143**
4,4'-DDT	80.0	Not detected	Not detected	2.00	1.49	**74.500**	1.50	**75.000**	**0.669**
Endrin	94.0	Not detected	Not detected	2.00	1.90	**95.000**	1.90	**95.000**	**0.000**

Associated Samples: AC94206 — 25-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19918 **QA Sample #:** AC94206

Unit of Measure: ug/L **York's Sample ID:** 06050535-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	71.6	Not detected	Not detected	40	26.5	66.3	28.7	71.8	8.0
2,4-D	67.5	Not detected	Not detected	40	31.6	79.0	29.8	74.5	5.9

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94206 — 25-May-06

Client: TRC Environmental

Analysis Name: ***VOA QC WATERS*** **Batch Name:** $VOAW-19919 **QA Sample #:** AC94206

Unit of Measure: ug/L **York's Sample ID:** 06050535-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	112	Not detected	Not detected	50	58	**116.0**	57	**114.0**	**1.7**
Benzene	92	Not detected	Not detected	50	50	**100.0**	49	**98.0**	**2.0**
Chlorobenzene	88	Not detected	Not detected	50	51	**102.0**	50	**100.0**	**2.0**
Toluene	86	Not detected	Not detected	50	50	**100.0**	48	**96.0**	**4.1**
Trichloroethylene	88	Not detected	Not detected	50	50	**100.0**	48	**96.0**	**4.1**

Associated Samples: AC94206 — 25-May-06

Client: TRC Environmental

Analysis Name: ***Mercury*** **Batch Name:** HG8_S-19920 **QA Sample #:** AC94206

Unit of Measure: mg/kG **York's Sample ID:** 06050535-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	76.9	Not detected	Not detected	1.50	1.35	**88.3**	Not detected		**11.3**

Associated Samples: AC94206 — 25-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Mercury*** **Batch Name:** HGTCLP-19921 **QA Sample #:** AC94206

Unit of Measure: mg/L **York's Sample ID:** 06050535-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	96.5	Not detected	Not detected	0.0030	0.0027	**91.0**	Not detected		**0**

Report Date: 5/30/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050568

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/16/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			**FB051506**	
York Sample ID			**06050568-01**	
Matrix			**WATER**	
Parameter	**Method**	**Units**	**Results**	**MDL**
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	5.6
2,4,5-Trichlorophenol			Not detected	5.6
2,4,6-Trichlorophenol			Not detected	5.6
2,4-Dinitrotoluene			Not detected	5.6
Cresol (Total)			Not detected	5.6
Hexachloro-1,3-butadiene			Not detected	5.6
Hexachlorobenzene			Not detected	5.6
Hexachloroethane			Not detected	5.6
m-Cresol			Not detected	5.6
Nitrobenzene			Not detected	5.6
o-Cresol			Not detected	5.6
p-Cresol			Not detected	5.6
Pentachlorophenol			Not detected	5.6
Pyridine			Not detected	5.6
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0

YORK

Client Sample ID			FB051506	
York Sample ID			06050568-01	
Matrix			WATER	
Parameter	**Method**	**Units**	**Results**	**MDL**
2,4-D			Not detected	25.0
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	1.00
Endrin			Not detected	0.024
Heptachlor (and the epoxide)			Not detected	0.024
Lindane			Not detected	0.024
Methoxychlor			Not detected	0.24
Toxaphene			Not detected	1.00
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			Not detected	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0
Total RCRA Metals	SW846-6010B	mg/L	---	---
Arsenic, total			Not detected	0.004
Barium, total			Not detected	0.005
Cadmium, total			Not detected	0.005
Chromium, total			Not detected	0.005
Lead, total			Not detected	0.003
Selenium, total			Not detected	0.005
Silver, total			Not detected	0.005
Mercury	SW846-7470	mg/L	Not detected	0.0002

Client Sample ID			PR-VOC1-051506		PR-VOC2-051506	
York Sample ID			06050568-02		06050568-03	
Matrix			SOLID		SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**	**Results**	**MDL**
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	9	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			89	5.0	260	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-11-051506	
York Sample ID			06050568-04	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	14
2,4,5-Trichlorophenol			Not detected	14
2,4,6-Trichlorophenol			Not detected	14
2,4-Dinitrotoluene			Not detected	14
Cresol (Total)			Not detected	14
Hexachloro-1,3-butadiene			Not detected	14
Hexachlorobenzene			Not detected	14
Hexachloroethane			Not detected	14
m-Cresol			Not detected	14
Nitrobenzene			Not detected	14
o-Cresol			Not detected	14
p-Cresol			Not detected	14
Pentachlorophenol			Not detected	14
Pyridine			Not detected	14
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			0.021	0.010
TCLP Barium			0.344	0.010
TCLP Cadmium			Not detected	0.005
TCLP Chromium			0.023	0.005
TCLP Lead			0.134	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	4.00
Endrin			Not detected	0.096
Heptachlor (and the epoxide)			Not detected	0.096
Lindane			Not detected	0.096
Methoxychlor			Not detected	0.960
Toxaphene			Not detected	4.00
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			12	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			130	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0

YORK

Client Sample ID			PR-11-051506	
York Sample ID			06050568-04	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			1.14	1.00
Barium, total			39.0	0.50
Cadmium, total			Not detected	0.50
Chromium, total			24.1	0.50
Lead, total			40.9	0.50
Selenium, total			Not detected	1.00
Silver, total			0.75	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	47.2	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050568

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/30/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94309 30-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19922 **QA Sample #:** AC94309

Unit of Measure: ug/L **York's Sample ID:** 06050568-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	87	Not detected	Not detected	100	85	**85.000**	88	**88.000**	**3.468**
1,2,4-Trichlorobenzene	50	Not detected	Not detected	100	49	**49.000**	51	**51.000**	**4.000**
Phenol	38	Not detected	Not detected	200	71	**35.500**	78	**39.000**	**9.396**
Pentachlorophenol	78	Not detected	Not detected	200	142	**71.000**	168	**84.000**	**16.774**
N-Nitroso-di-n-Propylamine	66	Not detected	Not detected	100	65	**65.000**	67	**67.000**	**3.030**
Acenapthene	72	Not detected	Not detected	100	71	**71.000**	73	**73.000**	**2.778**
4-Chloro-3-Methyliphenol	75	Not detected	Not detected	200	140	**70.000**	161	**80.500**	**13.953**
2-Chlorophenol	62	Not detected	Not detected	200	116	**58.000**	131	**65.500**	**12.146**
2,4-Dinitrotoluene	64	Not detected	Not detected	100	60	**60.000**	67	**67.000**	**11.024**
1,4-Dichlorobenzene	46	Not detected	Not detected	100	46	**46.000**	45	**45.000**	**2.198**
4-Nitrophenol	51	Not detected	Not detected	200	94	**47.000**	111	**55.500**	**16.585**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94309 — 30-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19923 **QA Sample #:** AC94309

Unit of Measure: ppm **York's Sample ID:** 06050568-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	97.4	Not detected	Not detected	2.00	2.17	**108.500**	Not detected		
Silver	106	Not detected	Not detected	0.050	0.045	**90.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Chromium	101	0.054	Not detected	0.200	0.248	**97.000**	0.054		**0.000**
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	109	0.381	Not detected	2.00	2.33	**97.450**	0.383		**0.524**
Lead	105	0.176	Not detected	0.500	0.634	**91.600**	0.175		**0.570**
Cadmium	97.9	0.005	Not detected	0.050	0.051	**92.000**	0.005		**0.000**
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Arsenic	101	0.025	Not detected	2.00	2.18	**107.750**	0.022		**12.766**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94309 30-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19924 **QA Sample #:** AC94309

Unit of Measure: ppm **York's Sample ID:** 06050568-04

Parameter				Matrix Spike			Spike Duplicate		
	LCS(%)	Unspiked Result	Blank	Amount	Result	Recovery, %	Duplicate	Recovery,%	Precision, RPD
Cadmium	97.9	0	Not detected	5.0	4.98	**99.600**	Not detected		**Not detected**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	96.8	1.14	Not detected	200	187	**92.93**	1.14		**0.00**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	102	39.0	Not detected	200	247	**104.00**	38.8		**0.51**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Selenium	97.7	0	Not detected	200	193	**96.50**	Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Lead	97.5	40.9	Not detected	50.0	89.5	**97.20**	41.0		**0.24**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	95.2	24.1	Not detected	20.0	43.7	**98.000**	23.9		**0.833**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	101	0.75	Not detected	5.0	6.16	**108.20**	0.78		**3.92**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94309 — 30-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19925 **QA Sample #:** AC94309

Unit of Measure: ug/L **York's Sample ID:** 06050568-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	87	Not detected	Not detected	1.00	0.89	**89.000**	0.85	**85.000**	**4.598**
Lindane	97	Not detected	Not detected	1.00	1.00	**100.000**	0.94	**94.000**	**6.186**
Heptachlor	84	Not detected	Not detected	1.00	0.86	**86.000**	0.81	**81.000**	**5.988**
Dieldrin	88	Not detected	Not detected	2.00	1.79	**89.500**	1.76	**88.000**	**1.690**
4,4'-DDT	84	Not detected	Not detected	2.00	1.68	**84.000**	1.67	**83.500**	**0.597**
Endrin	94	Not detected	Not detected	2.00	1.89	**94.500**	1.88	**94.000**	**0.531**

Associated Samples: AC94309 — 30-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19926 **QA Sample #:** AC94309

Unit of Measure: ug/L **York's Sample ID:** 06050568-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	71.9	Not detected	Not detected	40	27.8	69.5	29.8	74.5	6.9
2,4-D	67.9	Not detected	Not detected	40	30.2	75.5	32.5	81.3	7.3

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94309 — 30-May-06

Client: TRC Environmental

Analysis Name: ***VOA QC WATERS*** **Batch Name:** $VOAW-19927 **QA Sample #:** AC94309

Unit of Measure: ug/L **York's Sample ID:** 06050568-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	96	Not detected	Not detected	50	58	**116.0**	62	**124.0**	**6.7**
Benzene	86	Not detected	Not detected	50	48	**96.0**	47	**94.0**	**2.1**
Chlorobenzene	92	Not detected	Not detected	50	50	**100.0**	49	**98.0**	**2.0**
Toluene	88	Not detected	Not detected	50	49	**98.0**	48	**96.0**	**2.1**
Trichloroethylene	84	Not detected	Not detected	50	48	**96.0**	48	**96.0**	**0.0**

Associated Samples: AC94309 — 30-May-06

Client: TRC Environmental

Analysis Name: ***Mercury*** **Batch Name:** HG8_S-19928 **QA Sample #:** AC94309

Unit of Measure: mg/kG **York's Sample ID:** 06050568-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	76.9	Not detected	Not detected	1.50	1.35	**90.5**	Not detected		**0**

Associated Samples: AC94309 — 30-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Mercury*** **Batch Name:** HGTCLP-19929 **QA Sample #:** AC94309

Unit of Measure: mg/L **York's Sample ID:** 06050568-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	96.5	Not detected	Not detected	0.0030	0.0027	**91.0**	Not detected		**0**

Report Date: 5/30/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050583

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/17/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-051606		PR-VOC2-051606	
York Sample ID			06050583-01		06050583-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	Not detected	5.0
Benzene			14	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			7	5.0	Not detected	5.0
Methyl Ethyl Ketone			320	5.0	Not detected	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	6	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-VOC4-051606		PR-12-051606	
York Sample ID			06050583-03		06050583-04	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---	---	---
1,4-Dichlorobenzene					Not detected	17
2,4,5-Trichlorophenol					Not detected	17
2,4,6-Trichlorophenol					Not detected	17
2,4-Dinitrotoluene					Not detected	17
Cresol (Total)					Not detected	17
Hexachloro-1,3-butadiene					Not detected	17
Hexachlorobenzene					Not detected	17
Hexachloroethane					Not detected	17
m-Cresol					Not detected	17
Nitrobenzene					Not detected	17
o-Cresol					Not detected	17
p-Cresol					Not detected	17
Pentachlorophenol					Not detected	17
Pyridine					Not detected	17
TCLP Herbicides	SW-846/8151	ug/L	---	---	---	---
2,4,5-TP (Silvex)					Not detected	25.0
2,4-D					Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---	---	---
TCLP Arsenic					0.195	0.010
TCLP Barium					0.273	0.010
TCLP Cadmium					Not detected	0.005
TCLP Chromium					0.016	0.005
TCLP Lead					0.094	0.005
TCLP Selenium					Not detected	0.010
TCLP Silver					Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	---	---	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---	---	---
Chlordane					Not detected	4.00
Endrin					Not detected	0.096
Heptachlor (and the epoxide)					Not detected	0.096
Lindane					Not detected	0.096
Methoxychlor					Not detected	0.960
Toxaphene					Not detected	4.00
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			Not detected	5.0	20	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			340	5.0	7	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0
Total RCRA Metals	SW846	mg/kG	---	---	---	---
Arsenic, total					4.38	1.00
Barium, total					82.3	0.50
Cadmium, total					Not detected	0.50
Chromium, total					13.2	0.50

YORK

Client Sample ID			PR-VOC4-051606		PR-12-051606	
York Sample ID			06050583-03		06050583-04	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
Lead, total					95.3	0.50
Selenium, total					1.32	1.00
Silver, total					Not detected	0.50
Mercury	SW846-7471	mg/kG	---	---	Not detected	0.10
Total Solids	SM 2540B	%	---	---	52.2	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050583

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 5/30/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94348 30-May-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19938 **QA Sample #:** AC94348

Unit of Measure: ug/L **York's Sample ID:** 06050583-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Pyrene	87	Not detected	Not detected	100	85	**85.000**	88	**88.000**	**3.468**
1,2,4-Trichlorobenze	50	Not detected	Not detected	100	49	**49.000**	51	**51.000**	**4.000**
Phenol	38	Not detected	Not detected	200	71	**35.500**	78	**39.000**	**9.396**
Pentachlorophenol	78	Not detected	Not detected	200	142	**71.000**	168	**84.000**	**16.774**
N-Nitroso-di-n-propyl	66	Not detected	Not detected	100	65	**65.000**	67	**67.000**	**3.030**
Acenapthene	72	Not detected	Not detected	100	71	**71.000**	73	**73.000**	**2.778**
4-Chloro-3-methylph	75	Not detected	Not detected	200	140	**70.000**	161	**80.500**	**13.953**
2-Chlorophenol	62	Not detected	Not detected	200	116	**58.000**	131	**65.500**	**12.146**
2,4-Dinitrotoluene	64	Not detected	Not detected	100	60	**60.000**	67	**67.000**	**11.024**
1,4-Dichlorobenzene	46	Not detected	Not detected	100	46	**46.000**	**45**	**45.000**	**2.198**
4-Nitrophenol	51	Not detected	Not detected	200	94	**47.000**	111	**55.500**	**16.585**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94348 30-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19939 **QA Sample #:** AC94348

Unit of Measure: ppm **York's Sample ID:** 06050583-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	97.4	Not detected	Not detected	2.00	2.17	**108.500**	Not detected		
Silver	106	Not detected	Not detected	0.050	0.045	**90.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	97.9	0.005	Not detected	0.050	0.051	**92.000**	0.005		**0.000**
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	105	0.176	Not detected	0.500	0.634	**91.600**	0.175		**0.570**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	109	0.381	Not detected	2.00	2.33	**97.450**	0.383		**0.524**
Arsenic	101	0.025	Not detected	2.00	2.18	**107.750**	0.022		**12.766**
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	101	0.054	Not detected	0.200	0.248	**97.000**	0.054		**0.000**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94348 30-May-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19940 **QA Sample #:** AC94348

Unit of Measure: ppm **York's Sample ID:** 06050583-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	97.1	4.38	Not detected	200	197	**96.31**	4.54		**3.59**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	105	0	Not detected	5.0	5.37	**107.40**	Not detected		**Not detected**
Selenium	96.1	1.32	Not detected	200	189	**93.84**	1.22		**7.87**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	95.4	13.2	Not detected	20.0	33.0	**99.000**	13.3		**0.755**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	97.1	0.48	Not detected	5.0	5.20	**94.400**	0.47		**2.105**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	102	82.3	Not detected	200	290	**103.85**	82.7		**0.48**
Lead	98.3	95.3	Not detected	50.0	145	**99.40**	95.6		**0.31**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94348 — 30-May-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19941 **QA Sample #:** AC94348

Unit of Measure: ug/L **York's Sample ID:** 06050583-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	87	Not detected	Not detected	1.00	0.89	**89.000**	0.85	**85.000**	**4.598**
Lindane	97	Not detected	Not detected	1.00	1.00	**100.000**	0.94	**94.000**	**6.186**
Heptachlor	84	Not detected	Not detected	1.00	0.86	**86.000**	0.81	**81.000**	**5.988**
Dieldrin	88	Not detected	Not detected	2.00	1.79	**89.500**	1.76	**88.000**	**1.690**
4,4'-DDT	84	Not detected	Not detected	2.00	1.68	**84.000**	1.67	**83.500**	**0.597**
Endrin	94	Not detected	Not detected	2.00	1.89	**94.500**	1.88	**94.000**	**0.531**

Associated Samples: AC94348 — 30-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19942 **QA Sample #:** AC94348

Unit of Measure: ug/L **York's Sample ID:** 06050583-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	61.9	Not detected	Not detected	40	27.4	68.5	25.1	62.8	8.8
2,4-D	71.5	Not detected	Not detected	40	30.6	76.5	26.5	66.3	14.4

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94348 — 30-May-06

Client: TRC Environmental

Analysis Name: ***VOA QC WATERS*** **Batch Name:** $VOAW-19943 **QA Sample #:** AC94348

Unit of Measure: ug/L **York's Sample ID:** 06050583-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	112	Not detected	Not detected	50	57	**114.0**	57	**114.0**	**0.0**
Benzene	92	Not detected	Not detected	50	48	**96.0**	50	**100.0**	**4.1**
Chlorobenzene	100	Not detected	Not detected	50	51	**102.0**	53	**106.0**	**3.8**
Toluene	96	Not detected	Not detected	50	49	**98.0**	50	**100.0**	**2.0**
Trichloroethylene	100	Not detected	Not detected	50	50	**100.0**	52	**104.0**	**3.9**

Associated Samples: AC94348 — 30-May-06

Client: TRC Environmental

Analysis Name: ***Mercury*** **Batch Name:** HG8_S-19944 **QA Sample #:** AC94348

Unit of Measure: mg/kG **York's Sample ID:** 06050583-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	76.9	Not detected	Not detected	1.50	1.35	**88.3**	Not detected		**11.3**

Associated Samples: AC94348 — 30-May-06

Client: TRC Environmental

Analysis Name: ***TCLP Mercury*** **Batch Name:** HGTCLP-19945 **QA Sample #:** AC94348

Unit of Measure: mg/L **York's Sample ID:** 06050583-04

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	96.5	Not detected	Not detected	0.0030	0.0027	**91.0**	Not detected		**0**

YORK

Report Date: 6/1/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050639

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/18/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-051706		PR-VOC2-051706	
York Sample ID			06050639-01		06050639-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			7	5.0	21	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			120	5.0	270	5.0
Tetrachloroethylene			12	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-13-051706	
York Sample ID			06050639-03	
Matrix			SOLID	
Parameter	Method	Units	Results	MDL
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	5.0
2,4,5-Trichlorophenol			Not detected	5.0
2,4,6-Trichlorophenol			Not detected	5.0
2,4-Dinitrotoluene			Not detected	5.0
Cresol (Total)			Not detected	5.0
Hexachloro-1,3-butadiene			Not detected	5.0
Hexachlorobenzene			Not detected	5.0
Hexachloroethane			Not detected	5.0
m-Cresol			Not detected	5.0
Nitrobenzene			Not detected	5.0
o-Cresol			Not detected	5.0
p-Cresol			Not detected	5.0
Pentachlorophenol			Not detected	5.0
Pyridine			Not detected	5.0
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			Not detected	0.010
TCLP Barium			0.438	0.010
TCLP Cadmium			Not detected	0.005
TCLP Chromium			0.038	0.005
TCLP Lead			0.292	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	Not detected	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	5.00
Endrin			Not detected	0.120
Heptachlor (and the epoxide)			Not detected	0.120
Lindane			Not detected	0.120
Methoxychlor			Not detected	1.20
Toxaphene			Not detected	5.00
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			14	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			520	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0

YORK

Client Sample ID			PR-13-051706	
York Sample ID			06050639-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			Not detected	1.00
Barium, total			36.5	0.50
Cadmium, total			Not detected	0.50
Chromium, total			11.6	0.50
Lead, total			69.4	0.50
Selenium, total			Not detected	1.00
Silver, total			Not detected	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	41.0	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050639

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 6/1/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94571 01-Jun-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19957 **QA Sample #:** AC94571

Unit of Measure: ug/L **York's Sample ID:** 06050639-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	65	Not detected	Not detected	100	67	**67.000**	62	**62.000**	**7.752**
1,2,4-Trichlorobenzene	47	Not detected	Not detected	100	50	**50.000**	44	**44.000**	**12.766**
Phenol	24	Not detected	Not detected	200	51	**25.500**	44	**22.000**	**14.737**
Pentachlorophenol	64	Not detected	Not detected	200	134	**67.000**	122	**61.000**	**9.375**
N-Nitroso-di-n-Propylamine	39	Not detected	Not detected	100	52	**52.000**	45	**45.000**	**14.433**
Acenapthene	49	Not detected	Not detected	100	52	**52.000**	46	**46.000**	**12.245**
4-Chloro-3-Methyliphenol	52	Not detected	Not detected	200	110	**55.000**	97	**48.500**	**12.560**
2-Chlorophenol	41	Not detected	Not detected	200	85	**42.500**	78	**39.000**	**8.589**
2,4-Dinitrotoluene	47	Not detected	Not detected	100	61	**61.000**	53	**53.000**	**14.035**
1,4-Dichlorobenzene	36	Not detected	Not detected	100	38	**38.000**	34	**34.000**	**11.111**
4-Nitrophenol	43	Not detected	Not detected	200	93	**46.500**	80	**40.000**	**15.029**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94571 01-Jun-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19958 **QA Sample #:** AC94571

Unit of Measure: ppm **York's Sample ID:** 06050639-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	102	Not detected	Not detected	2.00	2.14	**107.000**	Not detected		
Silver	102	Not detected	Not detected	0.050	0.049	**98.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	103	Not detected	Not detected	0.050	0.051	**102.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	108	0.292	Not detected	0.500	0.750	**91.600**	0.293		**0.342**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	109	0.438	Not detected	2.00	2.39	**97.600**	0.436		**0.458**
Arsenic	103	Not detected	Not detected	2.00	2.14	**107.000**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	106	0.038	Not detected	0.200	0.233	**97.500**	0.039		**2.597**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94571 01-Jun-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19959 **QA Sample #:** AC94571

Unit of Measure: ppm **York's Sample ID:** 06050639-03

Parameter				Matrix Spike			Spike Duplicate		
	LCS(%)	Unspiked Result	Blank	Amount	Result	Recovery, %	Duplicate	Recovery,%	Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Arsenic	99.8	1.16	Not detected	200	201	99.92	1.09		6.22
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Silver	101	0	Not detected	5.0	5.46	109.20	Not detected		Not detected
Selenium	97.7	0	Not detected	200	195	97.50	Not detected		Not detected
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Chromium	95.5	13.5	Not detected	20.0	33.5	100.000	13.4		0.743
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Cadmium	98.2	0	Not detected	5.0	5.13	102.600	Not detected		Not detected
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected
Barium	101	9.82	Not detected	200	224	107.09	9.67		1.54
Lead	101	114	Not detected	50.0	165	102.00	113		0.88
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		Not detected

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94571 — 01-Jun-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19960 **QA Sample #:** AC94571

Unit of Measure: ug/L **York's Sample ID:** 06050639-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	87	Not detected	Not detected	1.00	0.89	**89.000**	0.85	**85.000**	**4.598**
Lindane	97	Not detected	Not detected	1.00	1.00	**100.000**	0.94	**94.000**	**6.186**
Heptachlor	84	Not detected	Not detected	1.00	0.86	**86.000**	0.81	**81.000**	**5.988**
Dieldrin	88	Not detected	Not detected	2.00	1.79	**89.500**	1.76	**88.000**	**1.690**
4,4'-DDT	84	Not detected	Not detected	2.00	1.68	**84.000**	1.67	**83.500**	**0.597**
Endrin	94	Not detected	Not detected	2.00	1.89	**94.500**	1.88	**94.000**	**0.531**

Associated Samples: AC94571 — 01-Jun-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19961 **QA Sample #:** AC94571

Unit of Measure: ug/L **York's Sample ID:** 06050639-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	62.9	Not detected	Not detected	40	27.1	67.8	25.1	62.8	7.7
2,4-D	65.4	Not detected	Not detected	40	31.6	79.0	28.4	71.0	10.7

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94571 — 01-Jun-06

Client: TRC Environmental

Analysis Name: ***VOA QC WATERS*** **Batch Name:** $VOAW-19962 **QA Sample #:** AC94571

Unit of Measure: ug/L **York's Sample ID:** 06050639-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	112	Not detected	Not detected	50	57	**114.0**	57	**114.0**	**0.0**
Benzene	92	Not detected	Not detected	50	48	**96.0**	50	**100.0**	**4.1**
Chlorobenzene	100	Not detected	Not detected	50	51	**102.0**	53	**106.0**	**3.8**
Toluene	96	Not detected	Not detected	50	49	**98.0**	50	**100.0**	**2.0**
Trichloroethylene	100	Not detected	Not detected	50	50	**100.0**	52	**104.0**	**3.9**

Associated Samples: AC94571 — 01-Jun-06

Client: TRC Environmental

Analysis Name: ***Mercury*** **Batch Name:** HG8_S-19963 **QA Sample #:** AC94571

Unit of Measure: mg/kG **York's Sample ID:** 06050639-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	92.0	Not detected	Not detected	1.50	1.55	**101.3**	Not detected		**10.8**

Associated Samples: AC94571 — 01-Jun-06

Client: TRC Environmental

Analysis Name: ***TCLP Mercury*** **Batch Name:** HGTCLP-19964 **QA Sample #:** AC94571

Unit of Measure: mg/L **York's Sample ID:** 06050639-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	105.5	Not detected	Not detected	0.0030	0.0028	**95.1**	Not detected		**0**

YORK

Report Date: 6/5/2006
Client Project ID: 42798-0110-00000
York Project No.: 06050694

TRC Environmental
21 Griffin Road North
Windsor, CT 06095
Attention: Marya Mahoney

Purpose and Results

This report contains the analytical data for the sample(s) identified on the attached chain-of-custody received in our laboratory on 05/19/06. The project was identifed as your project "42798-0110-00000 ".

The analyses were conducted utilizing appropriate EPA, Standard Methods, and ASTM methods as detailed in the data summary tables .

All samples were received in proper condition meeting the NELAC acceptance requirements for environmental samples except those indicated under the Notes section of this report.

All the analyses met the method and laboratory standard operating procedure requirements except as indicated under the Notes section of this report, or as indicated by any data flags, the meaning of which is explained in the attachment to this report, if applicable.

The results of the analyses, which are all reported on an as-received basis unless otherwise noted, are summarized in the following table(s).

Analysis Results

Client Sample ID			PR-VOC1-051806		PR-VOC2-051806	
York Sample ID			06050694-01		06050694-02	
Matrix			SOLID		SOLID	
Parameter	Method	Units	Results	MDL	Results	MDL
TCLP Volatiles	SW846-1311/8260	ug/L	---	---	---	---
1,1-Dichloroethylene			Not detected	5.0	Not detected	5.0
1,2-Dichloroethane			Not detected	5.0	Not detected	5.0
1,4-Dichlorobenzene			7	5.0	Not detected	5.0
Benzene			Not detected	5.0	Not detected	5.0
Carbon tetrachloride			Not detected	5.0	Not detected	5.0
Chlorobenzene			Not detected	5.0	Not detected	5.0
Chloroform			Not detected	5.0	Not detected	5.0
Methyl Ethyl Ketone			330	5.0	220	5.0
Tetrachloroethylene			Not detected	5.0	Not detected	5.0
Trichloroethylene			Not detected	5.0	Not detected	5.0
Vinyl Chloride			Not detected	5.0	Not detected	5.0

YORK

Client Sample ID			PR-14-051806	
York Sample ID			06050694-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
TCLP Base/Neutral/Acids	SW846-1311/8270C	ug/L	---	---
1,4-Dichlorobenzene			Not detected	5.0
2,4,5-Trichlorophenol			Not detected	5.0
2,4,6-Trichlorophenol			Not detected	5.0
2,4-Dinitrotoluene			Not detected	5.0
Cresol (Total)			Not detected	5.0
Hexachloro-1,3-butadiene			Not detected	5.0
Hexachlorobenzene			Not detected	5.0
Hexachloroethane			Not detected	5.0
m-Cresol			Not detected	5.0
Nitrobenzene			Not detected	5.0
o-Cresol			Not detected	5.0
p-Cresol			Not detected	5.0
Pentachlorophenol			Not detected	5.0
Pyridine			Not detected	5.0
TCLP Herbicides	SW-846/8151	ug/L	---	---
2,4,5-TP (Silvex)			Not detected	25.0
2,4-D			Not detected	25.0
TCLP RCRA Metals	SW846-1311/6010	mg/L	---	---
TCLP Arsenic			Not detected	0.010
TCLP Barium			0.367	0.010
TCLP Cadmium			0.006	0.005
TCLP Chromium			0.120	0.005
TCLP Lead			0.677	0.005
TCLP Selenium			Not detected	0.010
TCLP Silver			Not detected	0.005
TCLP Mercury	SW846-1311/7470	mg/L	0.0012	0.0005
TCLP Pesticides	SW846-3510C/8081	ug/L	---	---
Chlordane			Not detected	5.00
Endrin			Not detected	0.120
Heptachlor (and the epoxide)			Not detected	0.120
Lindane			Not detected	0.120
Methoxychlor			Not detected	1.20
Toxaphene			Not detected	5.00
TCLP Volatiles	SW846-1311/8260	ug/L	---	---
1,1-Dichloroethylene			Not detected	5.0
1,2-Dichloroethane			Not detected	5.0
1,4-Dichlorobenzene			19	5.0
Benzene			Not detected	5.0
Carbon tetrachloride			Not detected	5.0
Chlorobenzene			Not detected	5.0
Chloroform			Not detected	5.0
Methyl Ethyl Ketone			460	5.0
Tetrachloroethylene			Not detected	5.0
Trichloroethylene			Not detected	5.0
Vinyl Chloride			Not detected	5.0

YORK

Client Sample ID			PR-14-051806	
York Sample ID			06050694-03	
Matrix			SOLID	
Parameter	**Method**	**Units**	**Results**	**MDL**
Total RCRA Metals	SW846	mg/kG	---	---
Arsenic, total			3.38	1.00
Barium, total			44.2	0.50
Cadmium, total			1.40	0.50
Chromium, total			246	0.50
Lead, total			561	0.50
Selenium, total			Not detected	1.00
Silver, total			4.88	0.50
Mercury	SW846-7471	mg/kG	Not detected	0.10
Total Solids	SM 2540B	%	51.4	1.0

Units Key: For Waters/Liquids: mg/L = ppm ; ug/L = ppb For Soils/Solids: mg/kg = ppm ; ug/kg = ppb

Notes for York Project No. 06050694

1. The MDL (Minimum Detectable Limit) reported is adjusted for any dilution necessary due to the levels of target and/or non-target analytes and matrix interference. This MDL is the REPORTING LIMIT and is based upon the lowest standard utilized for calibration where applicable.
2. Samples are retained for a period of thirty days after submittal of report, unless other arrangements are made.
3. York's liability for the above data is limited to the dollar value paid to York for the referenced project.
4. This report shall not be reproduced without the written approval of York Analytical Laboratories, Inc.
5. All samples were received in proper condition for analysis with proper documentation.
6. All analyses conducted met method or Laboratory SOP requirements.
7. It is noted that no analyses reported herein were subcontracted to another laboratory.

Approved By: Robert Q. Bradley
Managing Director

Date: 6/5/2006

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94794 — 05-Jun-06

Client: TRC Environmental

Analysis Name: ***BNA QC-waters/tclps*** **Batch Name:** $BNAW-19977 **QA Sample #:** AC94794

Unit of Measure: ug/L **York's Sample ID:** 06050694-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Pyrene	66	Not detected	Not detected	100	70	**70.000**	62	**62.000**	**12.121**
1,2,4-Trichlorobenzene	40	Not detected	Not detected	100	40	**40.000**	40	**40.000**	**0.000**
Phenol	31	Not detected	Not detected	200	66	**33.000**	57	**28.500**	**14.634**
Pentachlorophenol	73	Not detected	Not detected	200	156	**78.000**	136	**68.000**	**13.699**
N-Nitroso-di-n-Propylamine	56	Not detected	Not detected	100	58	**58.000**	54	**54.000**	**7.143**
Acenapthene	52	Not detected	Not detected	100	53	**53.000**	50	**50.000**	**5.825**
4-Chloro-3-Methyliphenol	55	Not detected	Not detected	200	115	**57.500**	102	**51.000**	**11.982**
2-Chlorophenol	48	Not detected	Not detected	200	104	**52.000**	89	**44.500**	**15.544**
2,4-Dinitrotoluene	49	Not detected	Not detected	100	52	**52.000**	46	**46.000**	**12.245**
1,4-Dichlorobenzene	34	Not detected	Not detected	100	35	**35.000**	33	**33.000**	**5.882**
4-Nitrophenol	34	Not detected	Not detected	200	71	**35.500**	66	**33.000**	**7.299**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94794 — 05-Jun-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTAQ-19978 **QA Sample #:** AC94794

Unit of Measure: ppm **York's Sample ID:** 06050694-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Spike Duplicate Precision, RPD
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Potassium	Not detected	Not detected	Not detected		Not detected		Not detected		
Selenium	102	Not detected	Not detected	2.00	2.14	**107.000**	Not detected		
Silver	102	Not detected	Not detected	0.050	0.049	**98.000**	Not detected		
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Magnesium	Not detected	Not detected	Not detected		Not detected		Not detected		
Cadmium	103	Not detected	Not detected	0.050	0.051	**102.000**	Not detected		
Sodium	Not detected	Not detected	Not detected		Not detected		Not detected		
Lead	108	0.292	Not detected	0.500	0.750	**91.600**	0.293		**0.342**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Calcium	Not detected	Not detected	Not detected		Not detected		Not detected		
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Barium	109	0.438	Not detected	2.00	2.39	**97.600**	0.436		**0.458**
Arsenic	103	Not detected	Not detected	2.00	2.14	**107.000**	Not detected		
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		
Chromium	106	0.038	Not detected	0.200	0.233	**97.500**	0.039		**2.597**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94794 — 05-Jun-06

Client: TRC Environmental

Analysis Name: ***Metals, Target Analyte List(TAL)*** **Batch Name:** $MTS-19979 **QA Sample #:** AC94794

Unit of Measure: ppm **York's Sample ID:** 06050694-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Antimony	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Arsenic	99.8	1.16	Not detected	200	201	**99.92**	1.09		**6.22**
Sodium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Zinc	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Aluminum	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Thallium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Silver	101	0	Not detected	5.0	5.46	**109.20**	Not detected		**Not detected**
Selenium	97.7	0	Not detected	200	195	**97.50**	Not detected		**Not detected**
Potassium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Nickel	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Manganese	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Magnesium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Iron	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Copper	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cobalt	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Chromium	95.5	13.5	Not detected	20.0	33.5	**100.000**	13.4		**0.743**
Calcium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Cadmium	98.2	0	Not detected	5.0	5.13	**102.600**	Not detected		**Not detected**
Beryllium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**
Barium	101	9.82	Not detected	200	224	**107.09**	9.67		**1.54**
Lead	101	114	Not detected	50.0	165	**102.00**	113		**0.88**
Vanadium	Not detected	Not detected	Not detected	Not detected	Not detected		Not detected		**Not detected**

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94794 — 05-Jun-06

Client: TRC Environmental

Analysis Name: ***Pesticide QC only-waters*** **Batch Name:** $PESTW-19980 **QA Sample #:** AC94794

Unit of Measure: ug/L **York's Sample ID:** 06050694-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
Aldrin	82.8	Not detected	Not detected	1.00	0.83	**83.000**	0.95	**95.000**	**13.483**
Lindane	88.8	Not detected	Not detected	1.00	0.91	**91.000**	1.05	**105.000**	**14.286**
Heptachlor	85.3	Not detected	Not detected	1.00	0.81	**81.000**	0.93	**93.000**	**13.793**
Dieldrin	82.5	Not detected	Not detected	2.00	1.80	**90.000**	2.04	**102.000**	**12.500**
4,4'-DDT	75.1	Not detected	Not detected	2.00	1.42	**71.000**	1.66	**83.000**	**15.584**
Endrin	87.2	Not detected	Not detected	2.00	1.91	**95.500**	2.16	**108.000**	**12.285**

Associated Samples: AC94794 — 05-Jun-06

Client: TRC Environmental

Analysis Name: ***TCLP Herbicides*** **Batch Name:** $TCLPHRB-19981 **QA Sample #:** AC94794

Unit of Measure: ug/L **York's Sample ID:** 06050694-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
2,4,5-TP (Silvex)	70.9	Not detected	Not detected	40	30.7	76.8	27.4	68.5	11.4
2,4-D	71.9	Not detected	Not detected	40	32.2	80.5	30.6	76.5	5.1

YORK

YORK

Analytical Laboratories, Inc.

QA/QC Summary Report

Associated Samples: AC94794 — 05-Jun-06

Client: TRC Environmental

Analysis Name: ***VOA QC WATERS*** **Batch Name:** $VOAW-19982 **QA Sample #:** AC94794

Unit of Measure: ug/L **York's Sample ID:** 06050694-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
1,1-Dichloroethylene	110	Not detected	Not detected	50	58	**116.0**	57	**114.0**	**1.7**
Benzene	94	Not detected	Not detected	50	50	**100.0**	49	**98.0**	**2.0**
Chlorobenzene	98	Not detected	Not detected	50	49	**98.0**	50	**100.0**	**2.0**
Toluene	88	Not detected	Not detected	50	46	**92.0**	47	**94.0**	**2.2**
Trichloroethylene	90	Not detected	Not detected	50	46	**92.0**	48	**96.0**	**4.3**

Associated Samples: AC94794 — 05-Jun-06

Client: TRC Environmental

Analysis Name: ***Mercury*** **Batch Name:** HG8_S-19983 **QA Sample #:** AC94794

Unit of Measure: mg/kG **York's Sample ID:** 06050694-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HG8_S	86.7	Not detected	Not detected	1.50	1.27	**85.4**	Not detected		**9.8**

Associated Samples: AC94794 — 05-Jun-06

Client: TRC Environmental

Analysis Name: ***TCLP Mercury*** **Batch Name:** HGTCLP-19984 **QA Sample #:** AC94794

Unit of Measure: mg/L **York's Sample ID:** 06050694-03

Parameter	LCS(%)	Unspiked Result	Blank	Matrix Spike Amount	Matrix Spike Result	Matrix Spike Recovery, %	Spike Duplicate Duplicate	Spike Duplicate Recovery,%	Precision, RPD
HGTCLP	105.5	0.0012	Not detected	0.0030	0.0028	**95.1**	Not detected		**0**

YORK

APPENDIX E

STATISTICAL ANALYSIS INFORMATION

SHEET NO. 1 OF 2
PROJECT NO. 42798-0110
DATE 6-21-06
BY JMO
CHK'D MBM

TRC

SUBJECT CHECK # SAMPLES COLLECTED

Calculation of appropriate number of samples (n) per SW-846:

$$n = \frac{t_{.20}^2 \, s^2}{\Delta^2} \quad \text{with } \Delta = RT - \bar{x}$$

with $t_{.20}$ obtained from Table 9-2, SW-846 (attached)

s^2 and $\bar{x}$ obtained from Table 3.3 of this report

RT = regulatory threshold = 5 mg/L for lead TCLP

For data set without suspected outlier:

From Table 9-2,

$n-1 = 13-1 = 12$, $t_{.20} = 1.356$

$s^2 = 0.084$

$\bar{x} = 0.32$

$\Delta = RT - \bar{x}$

$= 5 - 0.32 = 4.63$

$$n = \frac{(1.356)^2 \times 0.084}{(4.63)^2} = 0.0072$$

$13 > 0.0072$, therefore sufficient samples collected

For data with spare 05-03-06 sample:

From Table 9-2, $n-1 = 14-1 = 13$, $t_{.20} = 1.350$

$s^2 = 0.077$

$\bar{x} = 0.36$

$\Delta = RT - \bar{x} = 5 - 0.36 = 4.64$

$$n = \frac{(1.350)^2 \times 0.077}{4.64^2} = 0.0065$$

$14 > 0.0065$, therefore sufficient samples collected

A

SHEET NO. 2 OF 2
PROJECT NO. 42798-0110
DATE 6-21-06
BY JMO
CHK'D MBM

TRC

SUBJECT CALCULATE CONFIDENCE INTERVAL

Calculation of confidence interval (CI) per SW-846

$$CI = \bar{x} \pm t_{.20} s_{\bar{x}}$$

with $t_{.20}$ obtained from Table 9-2, SW-846 (attached)

$s_{\bar{x}} = s/\sqrt{n}$ with $\bar{x}$ & s obtained from Table 3-3
n = number of samples

For data set without suspected outlier:

From Table 9-2, $n-1 = 13-1 = 12$ $t_{.20} = 1.356$

$s_{\bar{x}} = 0.29/\sqrt{13} = 0.080$

$CI = 0.32 \pm 1.356\,(0.080)$
$= 0.32 \pm 0.108$
$= 0.21$ and 0.43

Upper limit of CI is compared to regulatory threshold to determine compliance per SW-846

Since $0.43 < 5$, Complies with regulatory threshold

For data with spare 05-03-06 sample:

From Table 9-2, $n-1 = 14-1 = 13$, $t_{.20} = 1.350$

$s_{\bar{x}} = 0.28/\sqrt{14} = 0.075$

$CI = 0.33 \pm 1.350\,(0.075)$
$= 0.33 \pm 0.10$
$= 0.23$ and 0.43

Since $0.43 < 5$, complies with regulatory threshold

A

TABLE A-3: CRITICAL VALUES FOR THE EXTREME VALUE TEST (DIXON'S TEST)

	Level of Significance α		
n	**0.10**	**0.05**	**0.01**
3	0.886	0.941	0.988
4	0.679	0.765	0.889
5	0.557	0.642	0.780
6	0.482	0.560	0.698
7	0.434	0.507	0.637
8	0.479	0.554	0.683
9	0.441	0.512	0.635
10	0.409	0.477	0.597
11	0.517	0.576	0.679
12	0.490	0.546	0.642
13	0.467	0.521	0.615
14	0.492	0.546	0.641
15	0.472	0.525	0.616
16	0.454	0.507	0.595
17	0.438	0.490	0.577
18	0.424	0.475	0.561
19	0.412	0.462	0.547
20	0.401	0.450	0.535
21	0.391	0.440	0.524
22	0.382	0.430	0.514
23	0.374	0.421	0.505
24	0.367	0.413	0.497
25	0.360	0.406	0.489

TABLE 9-2. TABULATED VALUES OF STUDENT'S "t" FOR EVALUATING SOLID WASTES

Degrees of freedom (n-1)[a]	Tabulated "t" Value[b]
1	3.078
2	1.886
3	1.638
4	1.533
5	1.476
6	1.440
7	1.415
8	1.397
9	1.393
10	1.372
11	1.363
12	1.356
13	1.350
14	1.345
15	1.341
16	1.337
17	1.333
18	1.330
19	1.328
20	1.325
21	1.323
22	1.321
23	1.319
24	1.318
25	1.316
26	1.315
27	1.314
28	1.313
29	1.311
30	1.310
40	1.303
60	1.296
120	1.289
	1.282

[a] Degrees of freedom (df) are equal to the number of samples (n) collected from a solid waste less one.

[b] Tabulated "t" values are for a two-tailed confidence interval and a probability of 0.20 (the same values are applicable to a one-tailed confidence interval and a probability of 0.10).